

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078506.D
 Acq On : 13 Jul 2023 19:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

Quant Time: Jul 14 01:37:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	448956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	768405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	700770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	301633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	267034	44.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.740%		
35) Dibromofluoromethane	8.177	113	234787	45.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.020%		
50) Toluene-d8	10.576	98	875069	44.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.820%		
62) 4-Bromofluorobenzene	12.853	95	281017	46.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	244125	44.350	ug/l	99
3) Chloromethane	2.371	50	291010	48.641	ug/l	99
4) Vinyl Chloride	2.518	62	370657	47.892	ug/l	99
5) Bromomethane	2.942	94	240169	48.958	ug/l	98
6) Chloroethane	3.118	64	238345	50.946	ug/l	96
7) Trichlorofluoromethane	3.494	101	436477	47.179	ug/l	97
8) Diethyl Ether	3.971	74	151995	49.311	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	233439	47.666	ug/l	96
10) Methyl Iodide	4.594	142	338830	50.348	ug/l	98
11) Tert butyl alcohol	5.547	59	241225	259.911	ug/l	98
12) 1,1-Dichloroethene	4.341	96	227190	47.958	ug/l	97
13) Acrolein	4.194	56	216665	237.277	ug/l	99
14) Allyl chloride	5.030	41	326388	50.421	ug/l	94
15) Acrylonitrile	5.735	53	622561	265.488	ug/l	100
16) Acetone	4.441	43	485253	258.824	ug/l	99
17) Carbon Disulfide	4.718	76	584110	42.640	ug/l	99
18) Methyl Acetate	5.041	43	411204	51.811	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	791258	50.694	ug/l	98
20) Methylene Chloride	5.288	84	275345	51.231	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	255067	47.780	ug/l	89
22) Diisopropyl ether	6.688	45	739885	51.046	ug/l	95
23) Vinyl Acetate	6.612	43	2362924	256.430	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	467634	47.880	ug/l	97
25) 2-Butanone	7.494	43	801502	271.581	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	330559	41.381	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	304617	49.326	ug/l	96
28) Bromochloromethane	7.824	49	200388	43.560	ug/l	93
29) Tetrahydrofuran	7.853	42	522286	269.705	ug/l	86
30) Chloroform	7.971	83	524648	51.596	ug/l	94
31) Cyclohexane	8.265	56	363020	44.630	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	458525	50.296	ug/l	97
36) 1,1-Dichloropropene	8.377	75	368890	48.978	ug/l	98
37) Ethyl Acetate	7.571	43	337600	53.771	ug/l #	94
38) Carbon Tetrachloride	8.371	117	412462	50.388	ug/l	99
39) Methylcyclohexane	9.612	83	344958	50.177	ug/l	94
40) Benzene	8.618	78	1129746	50.631	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	175570	54.853	ug/l	92
42) 1,2-Dichloroethane	8.682	62	382473	50.395	ug/l	98
43) Isopropyl Acetate	8.700	43	550631	53.269	ug/l	95
44) Trichloroethene	9.359	130	285581	47.487	ug/l	98
45) 1,2-Dichloropropane	9.629	63	288291	51.013	ug/l	97
46) Dibromomethane	9.712	93	207790	52.240	ug/l	92
47) Bromodichloromethane	9.894	83	413989	51.922	ug/l	98
48) Methyl methacrylate	9.688	41	253521	52.939	ug/l	91
49) 1,4-Dioxane	9.700	88	119815	1147.237	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1744321	283.700	ug/l	93
52) Toluene	10.635	92	715405	51.732	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	418099	51.185	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	450333	51.720	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	285337	52.368	ug/l	96
56) Ethyl methacrylate	10.882	69	425032	55.804	ug/l	93
57) 1,3-Dichloropropane	11.170	76	475280	51.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	831480	306.328	ug/l	94
59) 2-Hexanone	11.200	43	1276059	292.019	ug/l	92
60) Dibromochloromethane	11.365	129	320361	53.259	ug/l	99
61) 1,2-Dibromoethane	11.476	107	295850	52.710	ug/l	99
64) Tetrachloroethene	11.112	164	246639	46.813	ug/l	93
65) Chlorobenzene	11.894	112	755754	48.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	297252	49.329	ug/l	97
67) Ethyl Benzene	11.970	91	1352245	51.072	ug/l	99
68) m/p-Xylenes	12.076	106	1023848	104.588	ug/l	98
69) o-Xylene	12.406	106	504169	50.989	ug/l	99
70) Styrene	12.417	104	823375	53.227	ug/l	98
71) Bromoform	12.582	173	217484	53.291	ug/l #	99
73) Isopropylbenzene	12.700	105	1238558	43.699	ug/l	99
74) N-amyl acetate	12.500	43	460675	47.164	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	418983	53.120	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	342106m	46.923	ug/l	
77) Bromobenzene	12.988	156	300727	48.752	ug/l	96
78) n-propylbenzene	13.041	91	1404583	46.339	ug/l	100
79) 2-Chlorotoluene	13.129	91	881551	44.401	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	1030549	46.018	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	136855	49.326	ug/l	95
82) 4-Chlorotoluene	13.229	91	842180	45.471	ug/l	97
83) tert-Butylbenzene	13.447	119	860158	45.241	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1014337	46.631	ug/l	97
85) sec-Butylbenzene	13.623	105	1106362	46.037	ug/l	99
86) p-Isopropyltoluene	13.735	119	918166	47.581	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	523062	48.073	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	493852	45.062	ug/l	100
89) n-Butylbenzene	14.064	91	690322	49.997	ug/l	96
90) Hexachloroethane	14.341	117	174004	49.044	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	511091	47.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	71564	52.852	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	177752	51.435	ug/l	98
94) Hexachlorobutadiene	15.505	225	91698	51.409	ug/l	97
95) Naphthalene	15.647	128	560883	47.475	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	191314	48.145	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

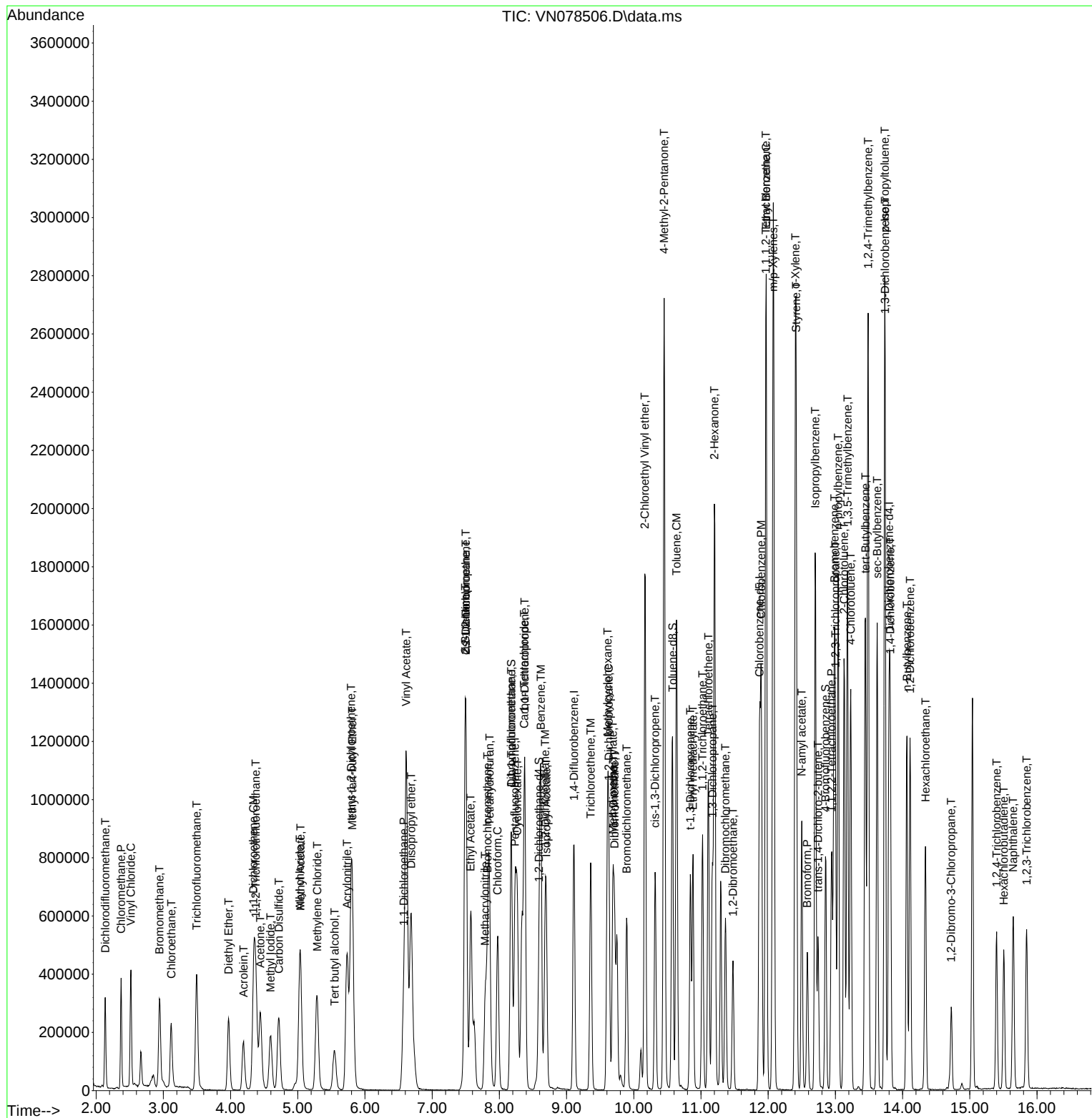
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
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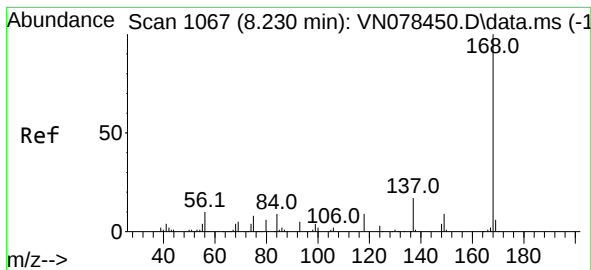
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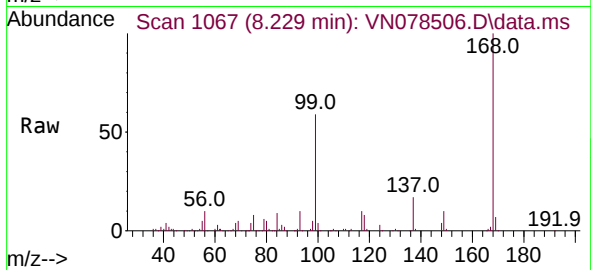
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

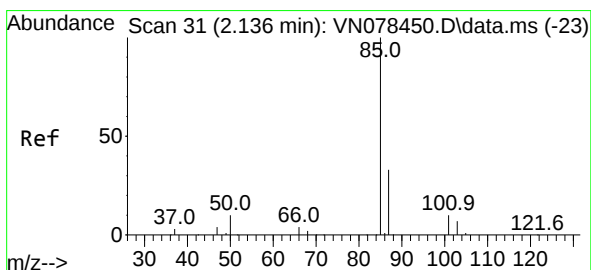
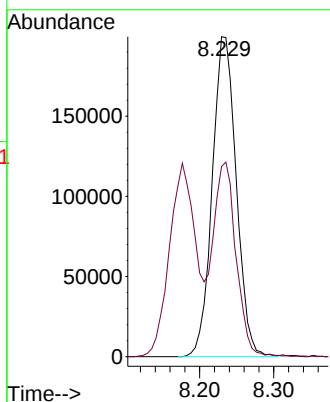
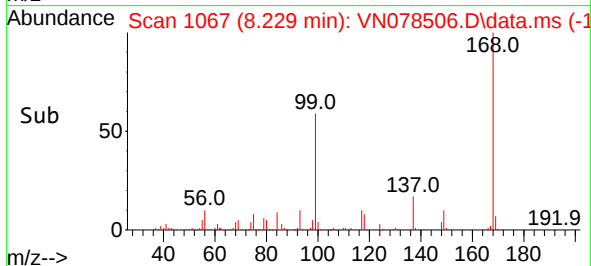
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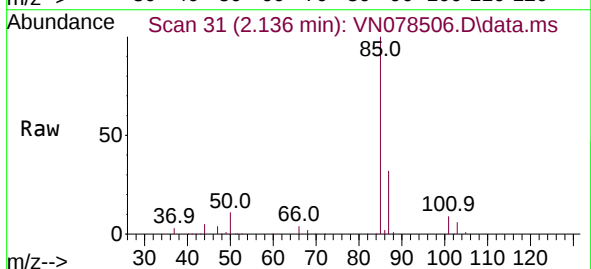
Tgt Ion:168 Resp: 448950
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6

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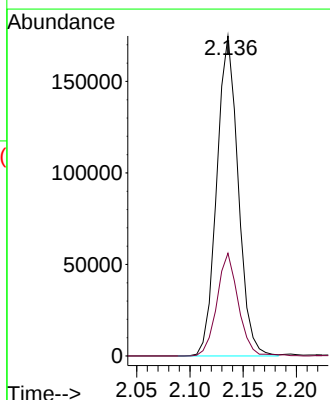
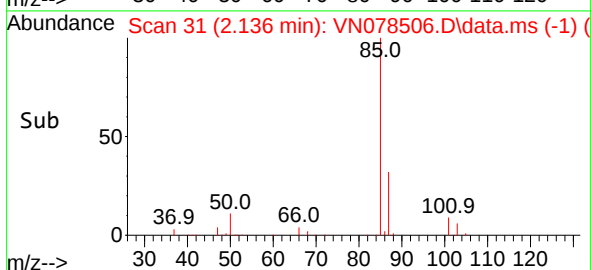
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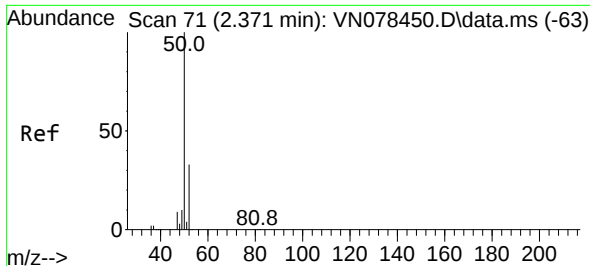


#2
Dichlorodifluoromethane
Concen: 44.350 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



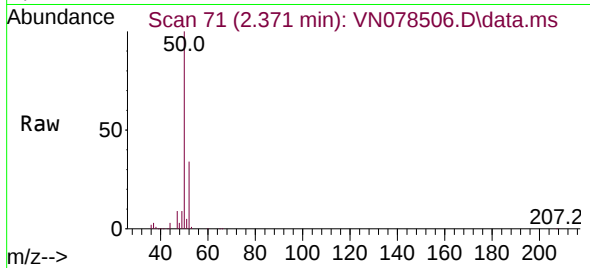
Tgt Ion: 85 Resp: 244125
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 48.641 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

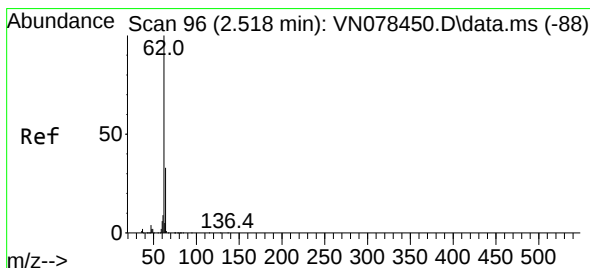
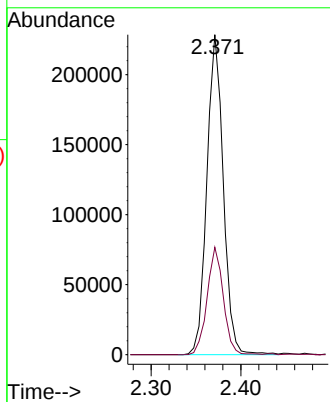
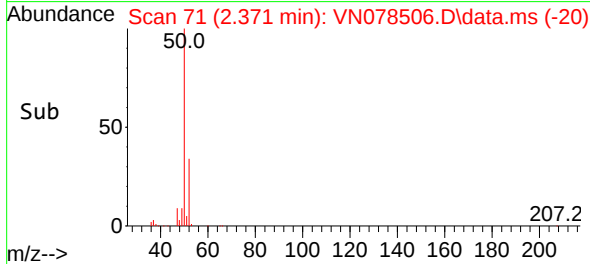
Instrument :
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Tgt Ion: 50 Resp: 291010
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7

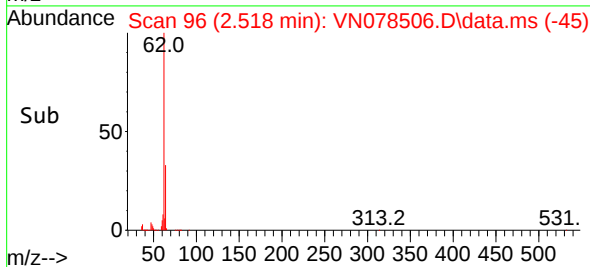
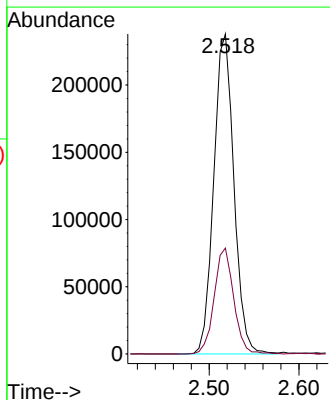
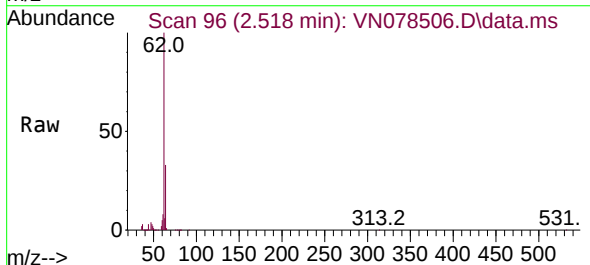
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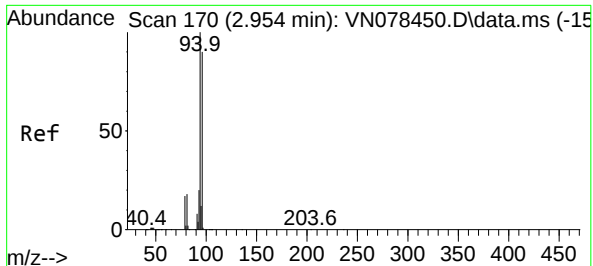
Reviewed By :John Carlone 07/14/2023
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#4
Vinyl Chloride
Concen: 47.892 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

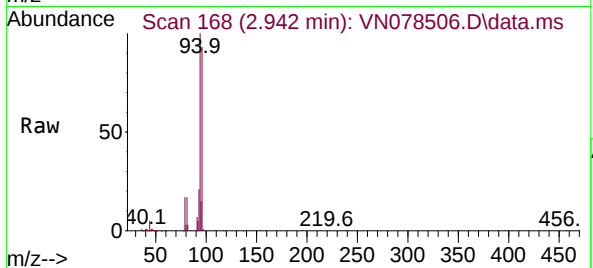
Tgt Ion: 62 Resp: 370657
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 48.958 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.012 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

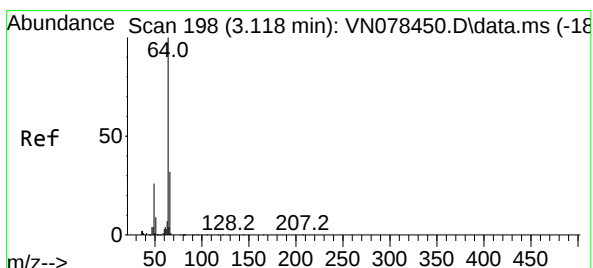
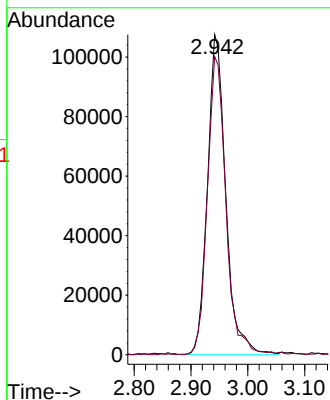
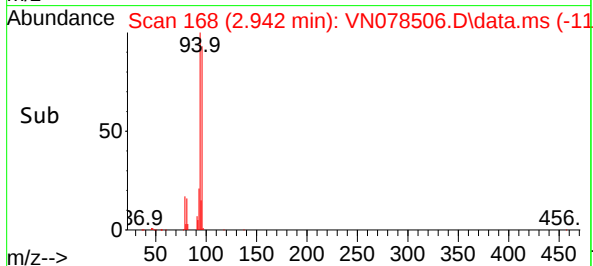
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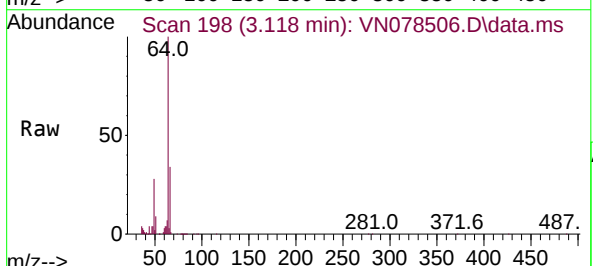
Tgt Ion: 94 Resp: 240169
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7

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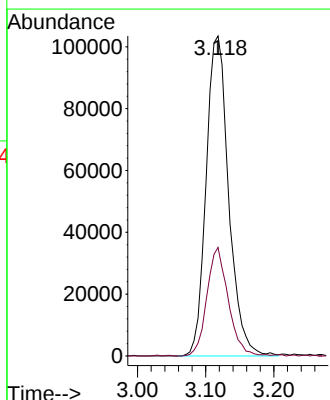
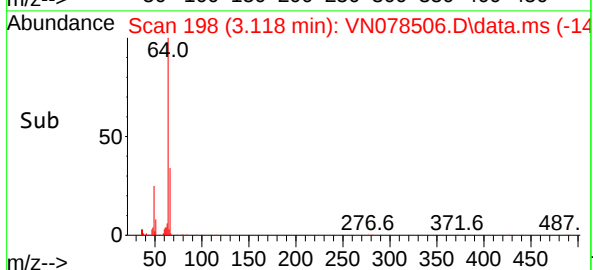
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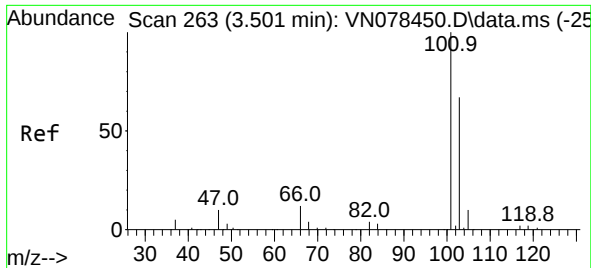


#6
Chloroethane
Concen: 50.946 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



Tgt Ion: 64 Resp: 238345
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.179 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.007 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

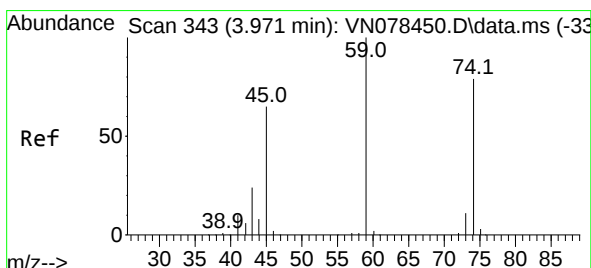
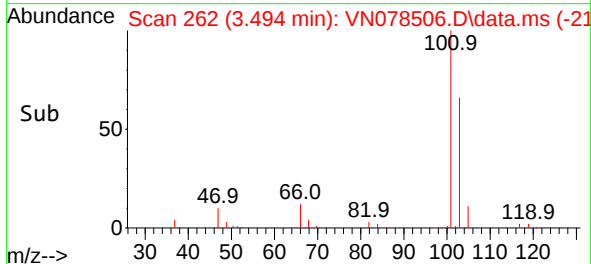
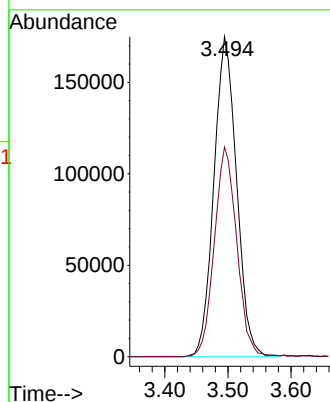
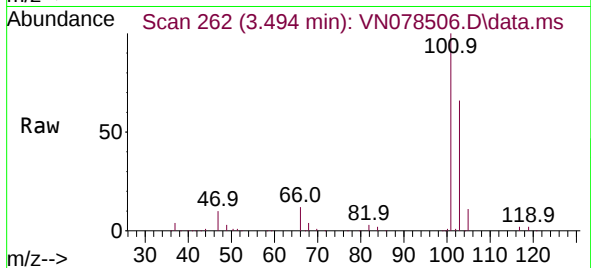
VSTDCCC050EC

Tgt Ion:101 Resp: 43647
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

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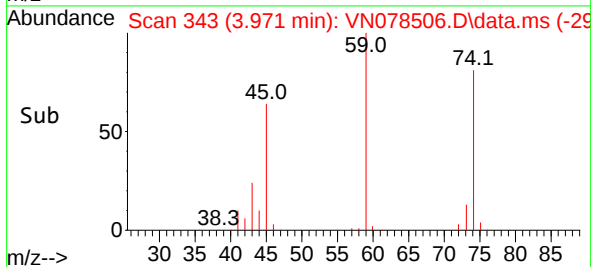
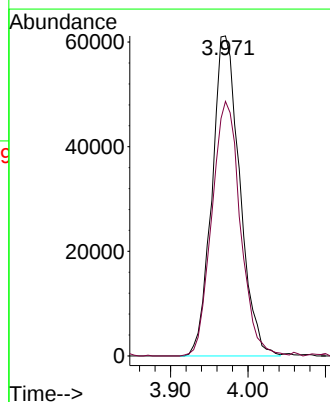
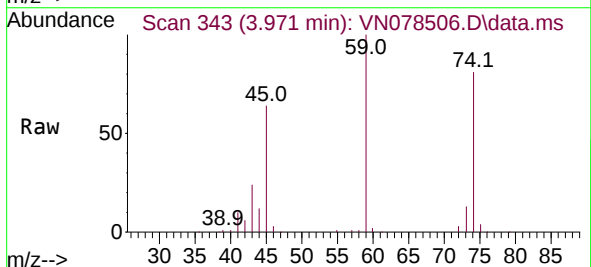
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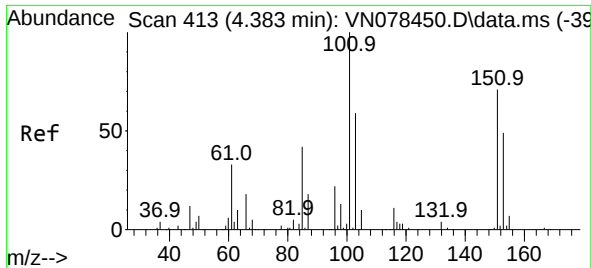
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Supervised By :Semsettin Yesilyurt 07/14/2023



#8
Diethyl Ether
Concen: 49.311 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 74 Resp: 151995
Ion Ratio Lower Upper
74 100
45 81.9 34.4 103.3





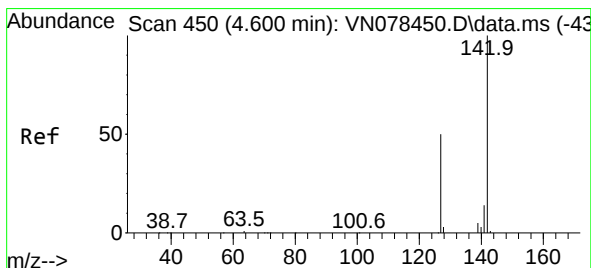
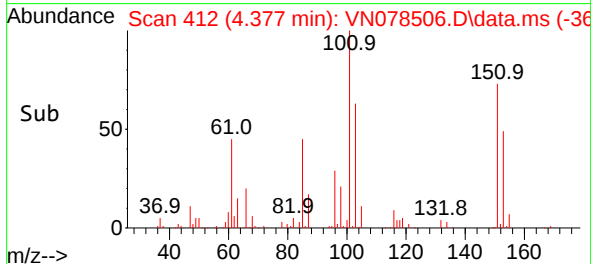
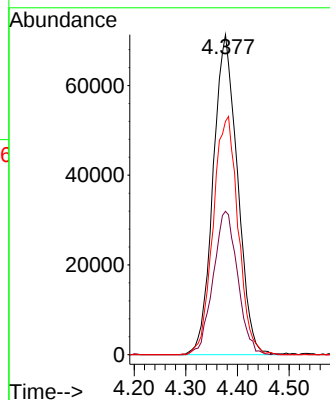
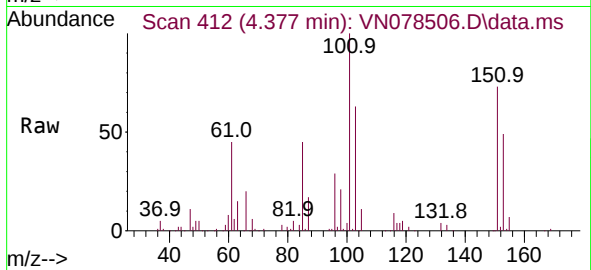
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.666 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 233439
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 76.4 57.6 86.4

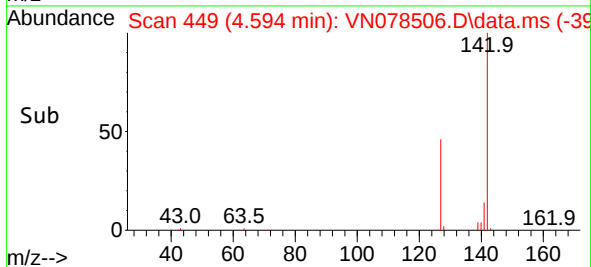
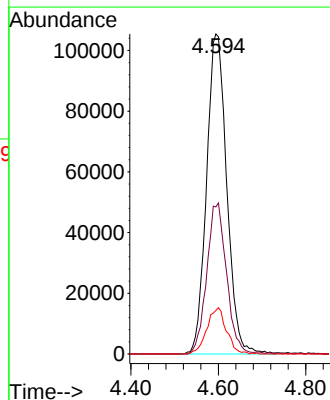
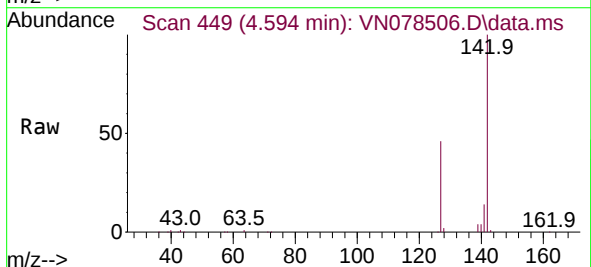
Manual Integrations
APPROVED

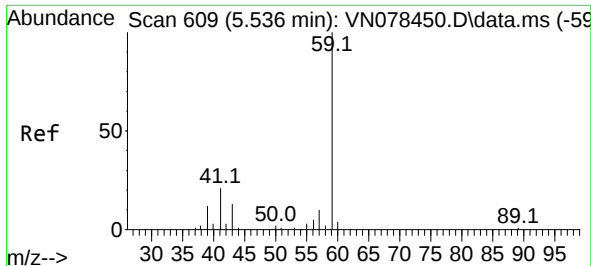
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
Methyl Iodide
Concen: 50.348 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:142 Resp: 338830
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 13.6 11.4 17.0





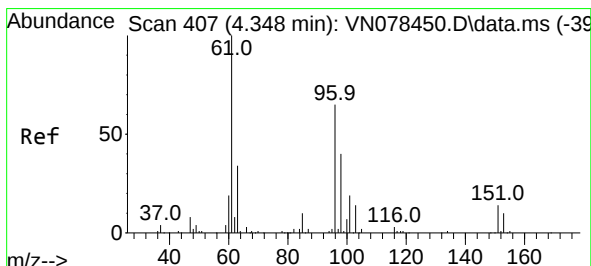
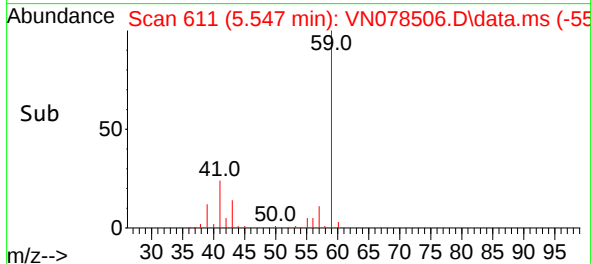
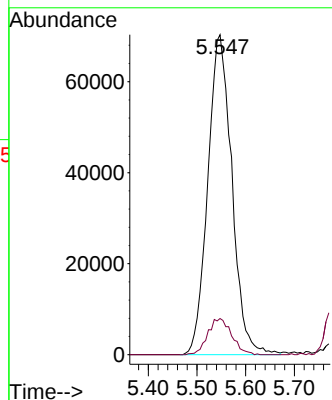
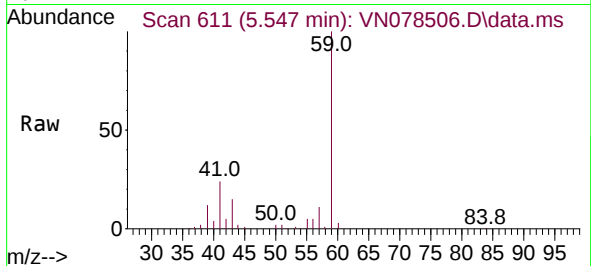
#11
Tert butyl alcohol
Concen: 259.911 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 241225
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

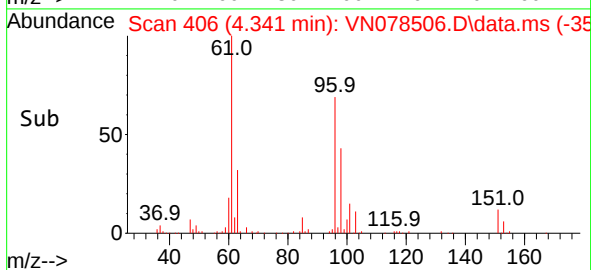
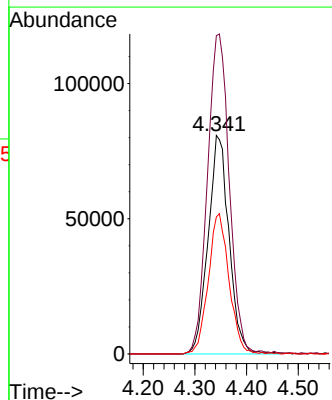
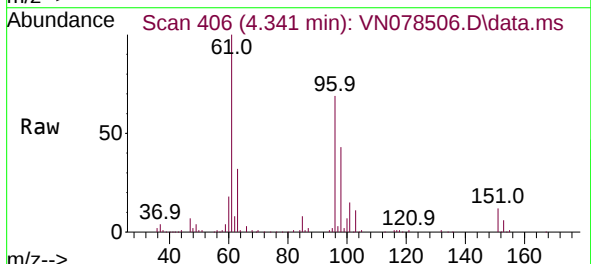
Manual Integrations
APPROVED

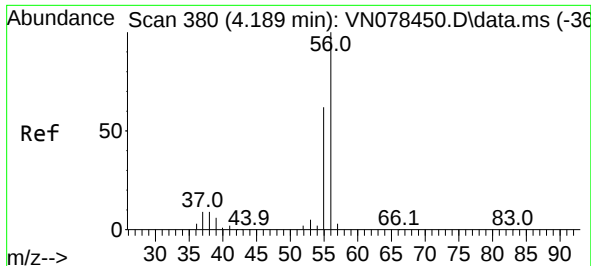
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
1,1-Dichloroethene
Concen: 47.958 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

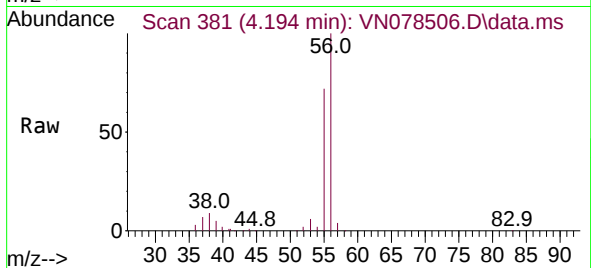
Tgt Ion: 96 Resp: 227190
Ion Ratio Lower Upper
96 100
61 145.6 112.7 169.1
98 62.7 51.2 76.8





#13
Acrolein
Concen: 237.277 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

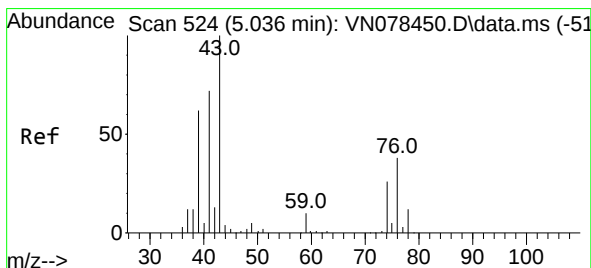
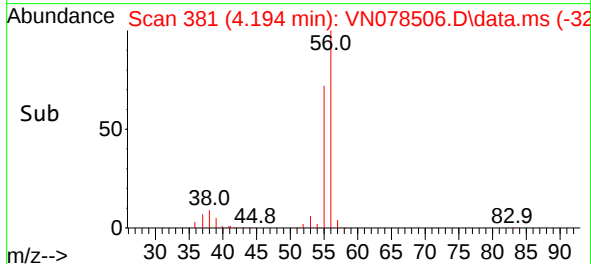
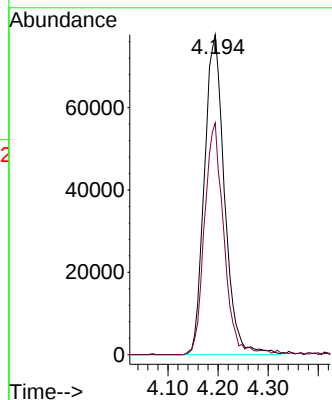
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21666
Ion Ratio Lower Upper
56 100
55 69.0 54.5 81.7

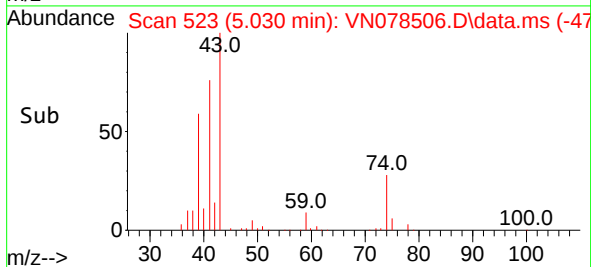
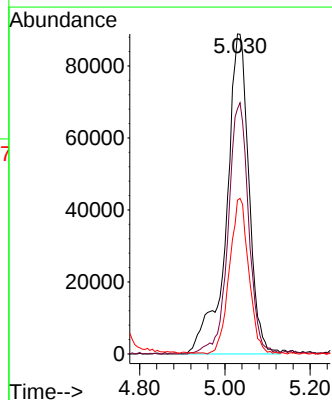
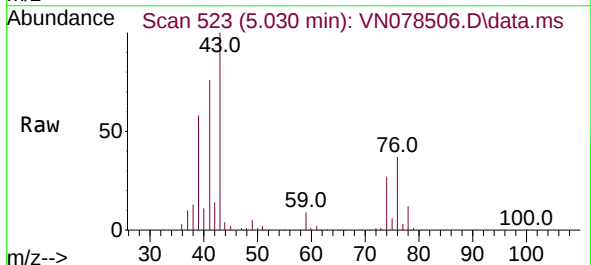
Manual Integrations
APPROVED

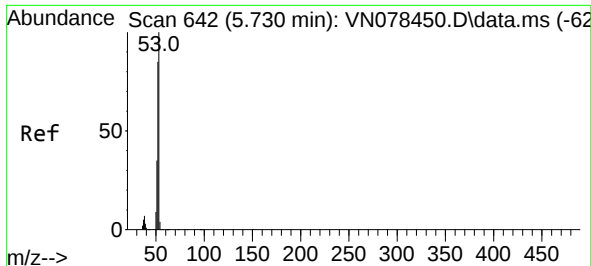
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Allyl chloride
Concen: 50.421 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

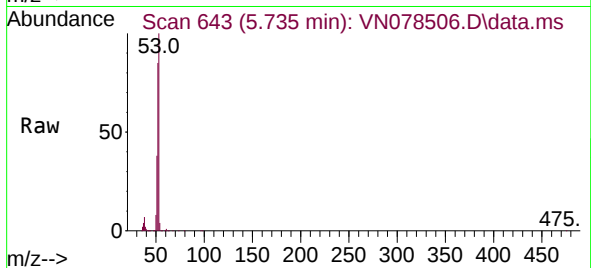
Tgt Ion: 41 Resp: 326388
Ion Ratio Lower Upper
41 100
39 71.5 58.8 88.2
76 41.8 39.1 58.7





#15
Acrylonitrile
Concen: 265.488 ug/l
RT: 5.735 min Scan# 642
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

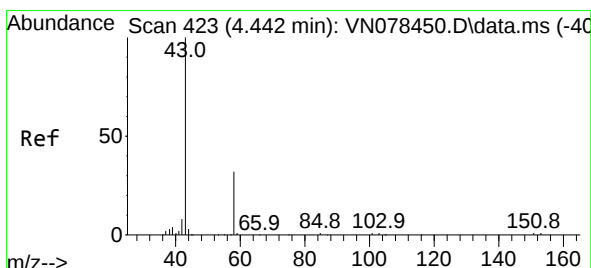
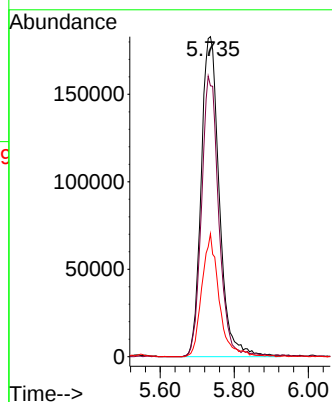
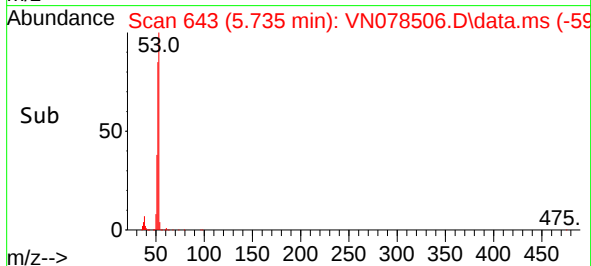
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 62256
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.3 28.9 43.3

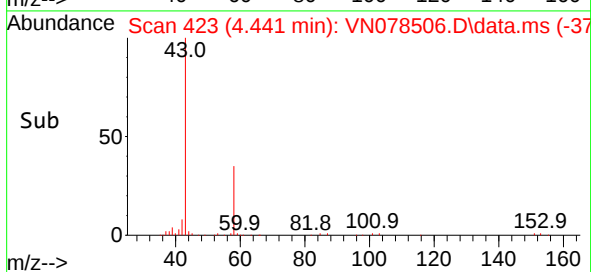
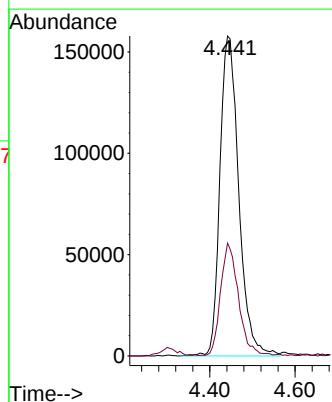
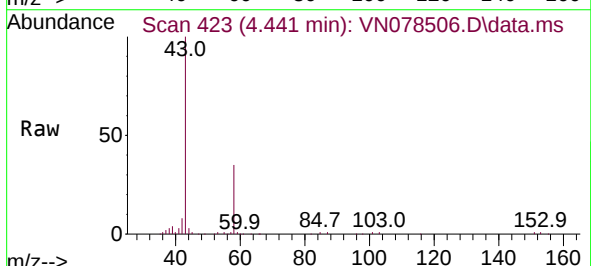
Manual Integrations
APPROVED

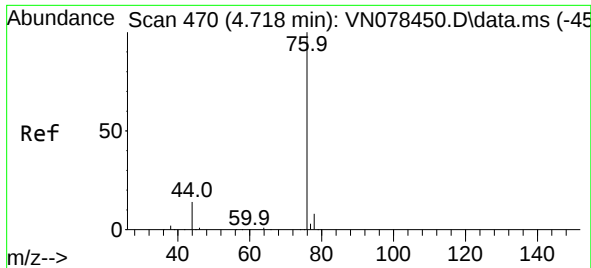
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Acetone
Concen: 258.824 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 43 Resp: 485253
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





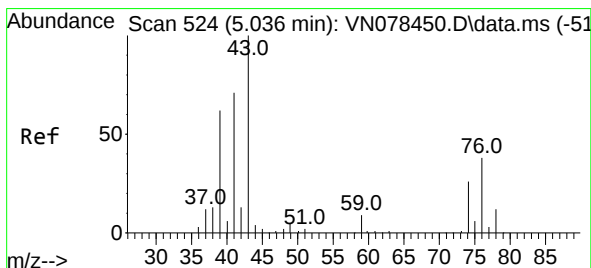
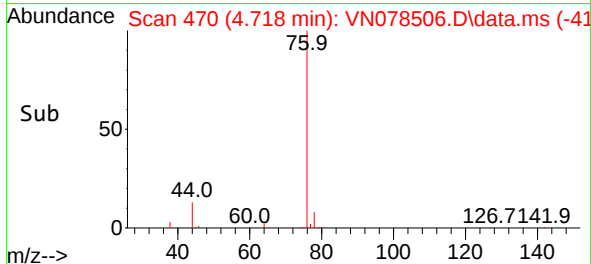
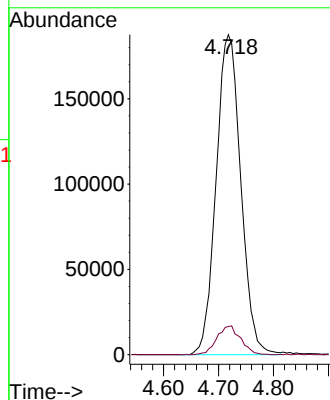
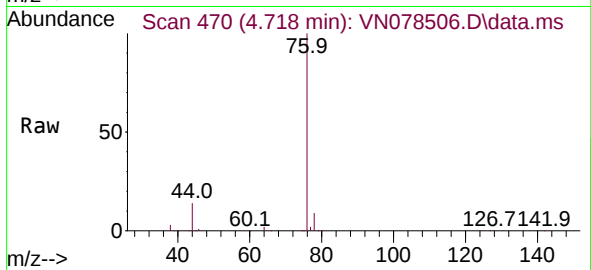
#17
Carbon Disulfide
Concen: 42.640 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 584110
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

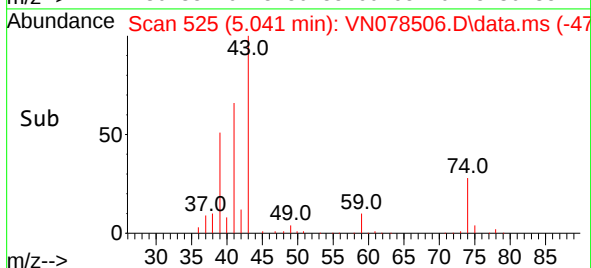
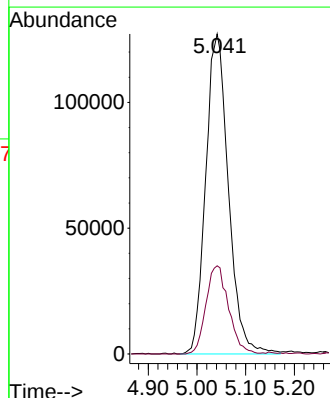
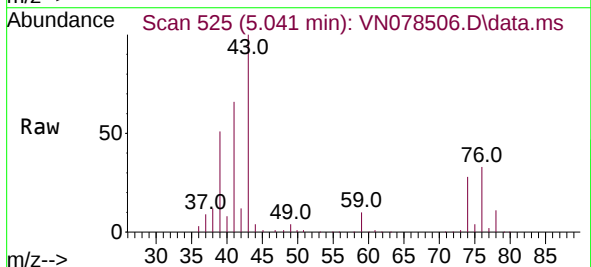
Manual Integrations
APPROVED

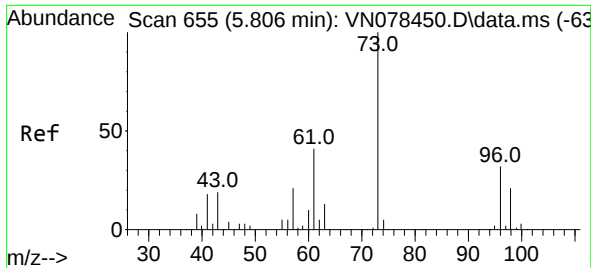
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#18
Methyl Acetate
Concen: 51.811 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

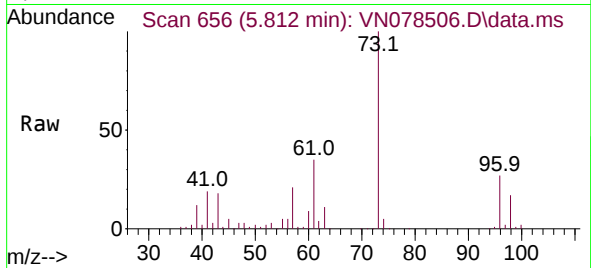
Tgt Ion: 43 Resp: 411204
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.694 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

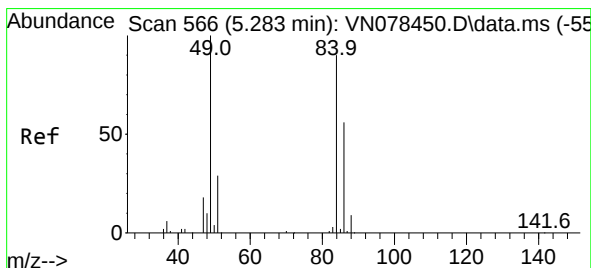
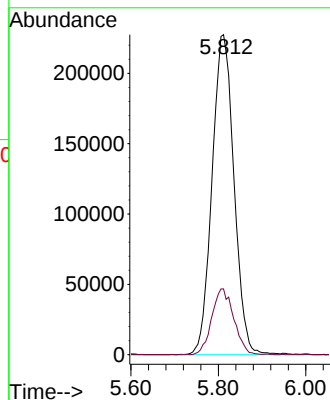
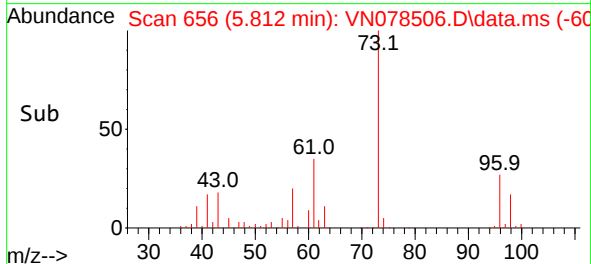
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 791258
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

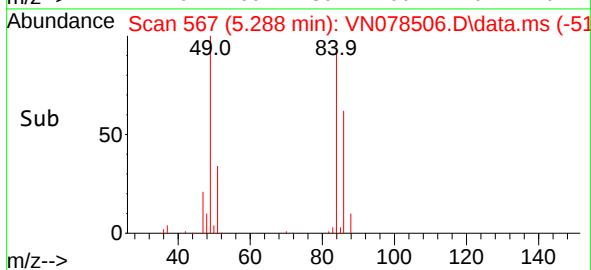
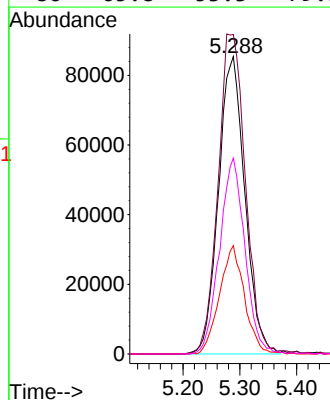
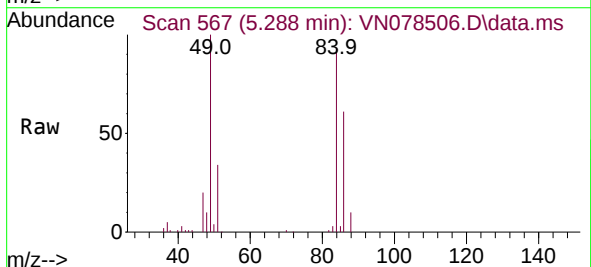
Manual Integrations
APPROVED

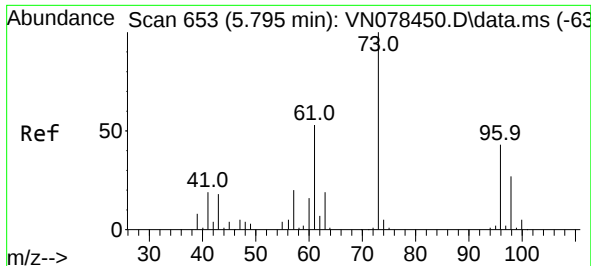
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#20
Methylene Chloride
Concen: 51.231 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

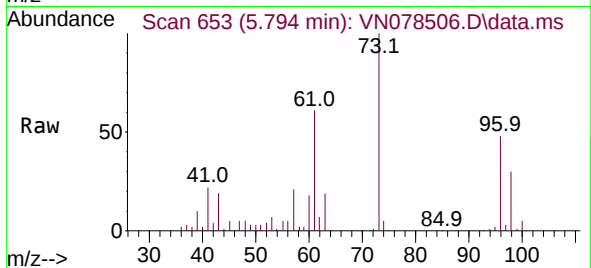
Tgt Ion: 84 Resp: 275345
Ion Ratio Lower Upper
84 100
49 107.4 79.7 119.5
51 36.4 25.2 37.8
86 65.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.780 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

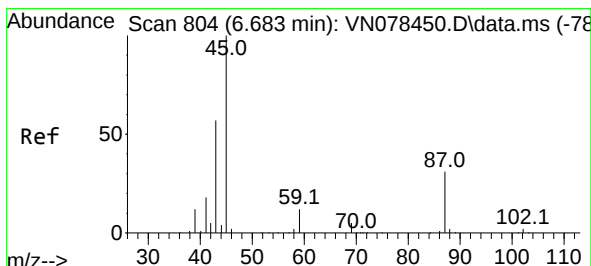
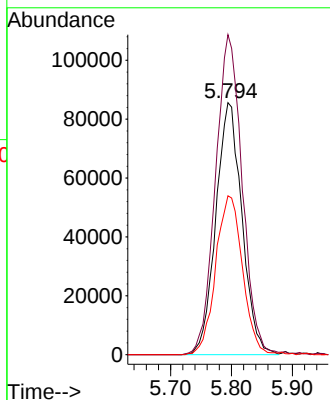
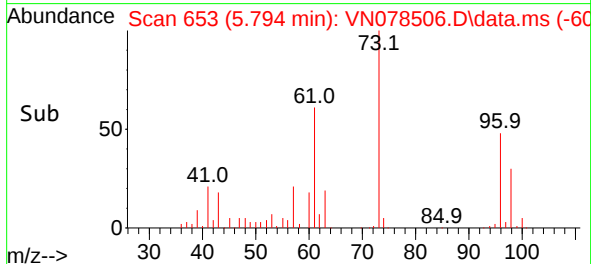
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



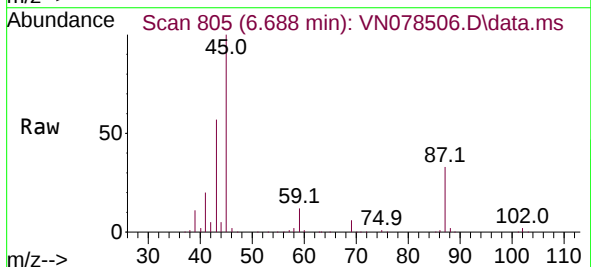
Tgt Ion: 96 Resp: 25506
Ion Ratio Lower Upper
96 100
61 127.0 90.1 135.1
98 63.0 46.4 69.6

Manual Integrations
APPROVED

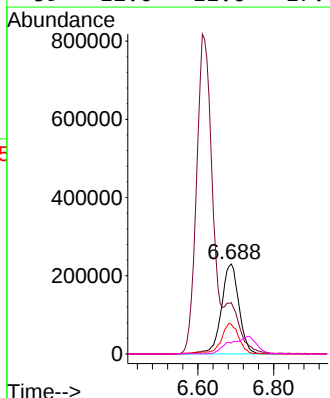
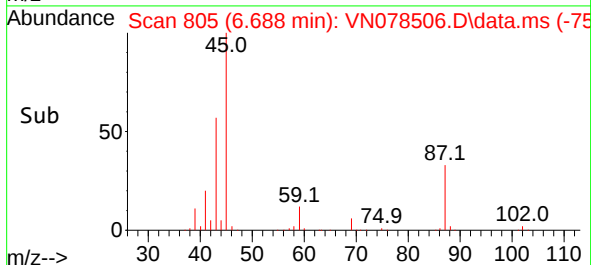
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

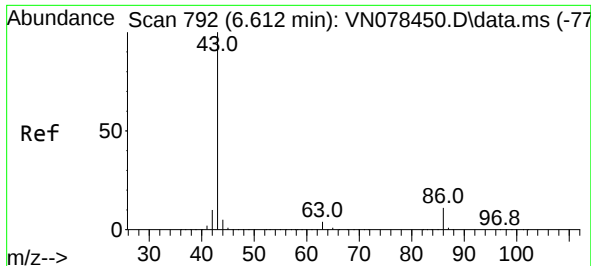


#22
Diisopropyl ether
Concen: 51.046 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



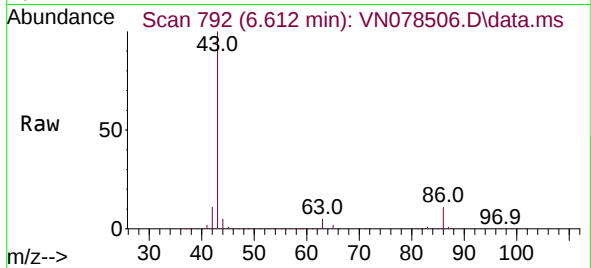
Tgt Ion: 45 Resp: 739885
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 32.9 31.8 47.8
59 12.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 256.430 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05

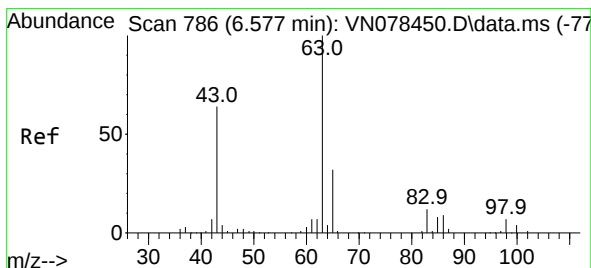
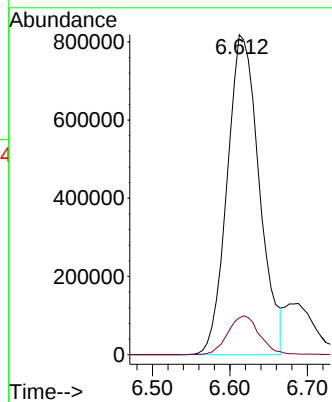
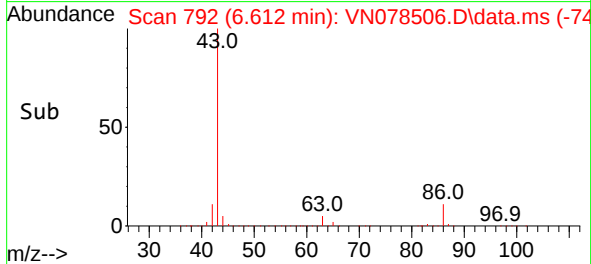
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



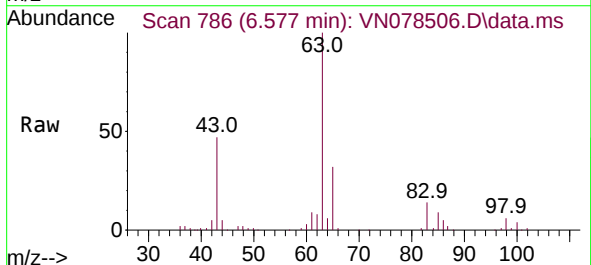
Tgt Ion: 43 Resp: 2362924
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

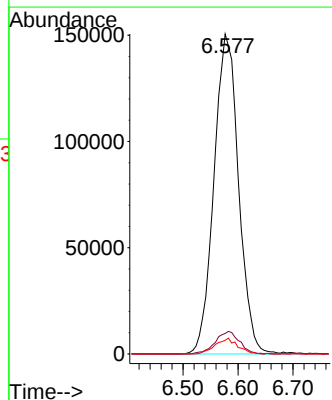
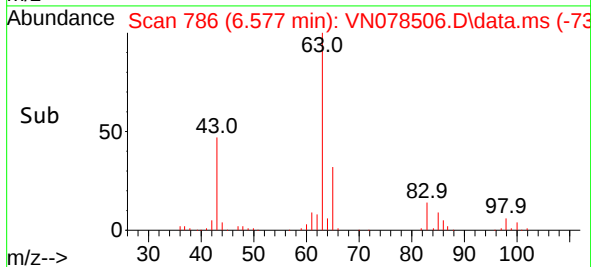
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

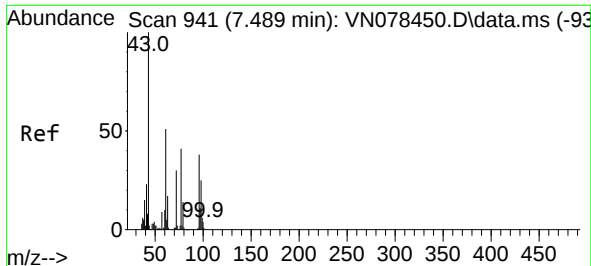


#24
 1,1-Dichloroethane
 Concen: 47.880 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05



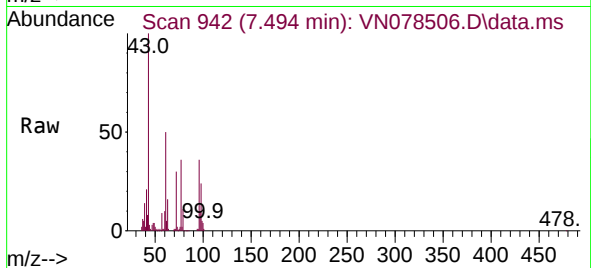
Tgt Ion: 63 Resp: 467634
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 271.581 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

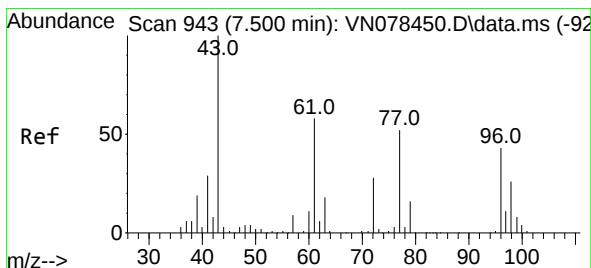
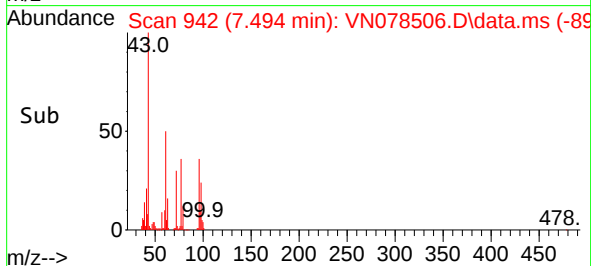
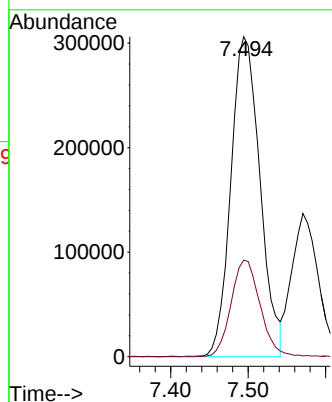
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 801502
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

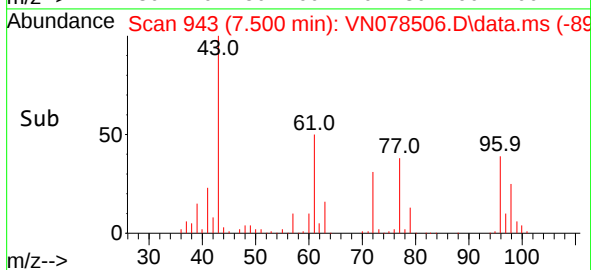
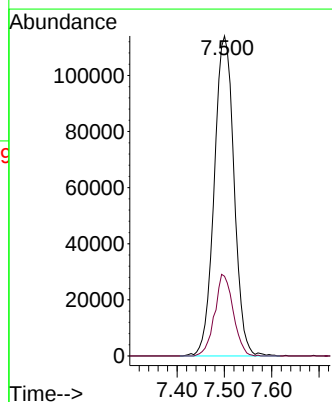
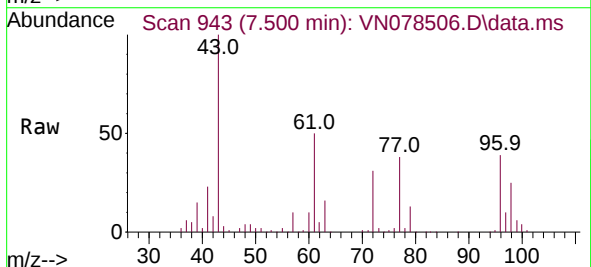
Manual Integrations
APPROVED

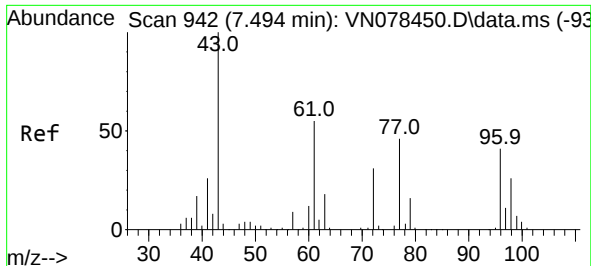
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
2,2-Dichloropropane
Concen: 41.381 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

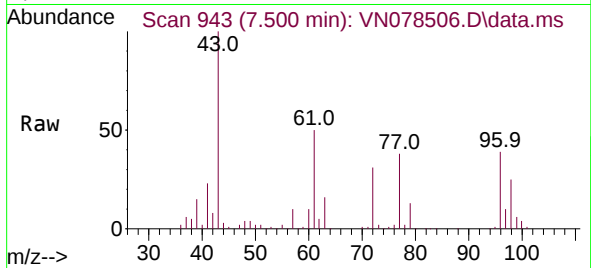
Tgt Ion: 77 Resp: 330559
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.326 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05

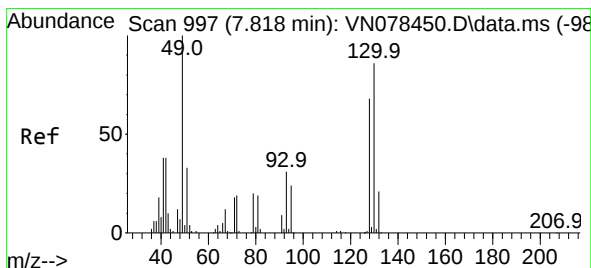
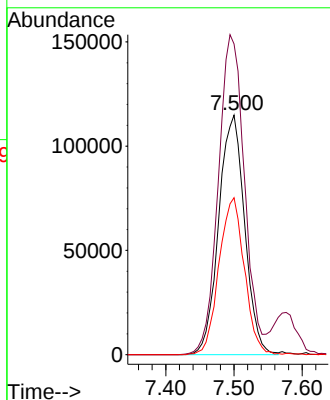
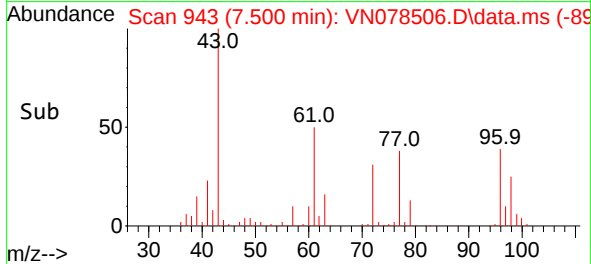
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



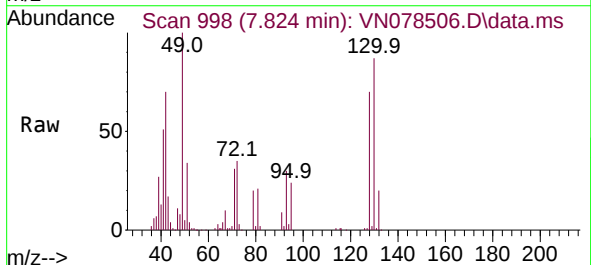
Tgt Ion: 96 Resp: 30461
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 255.2
 98 64.1 0.0 128.8

Manual Integrations
 APPROVED

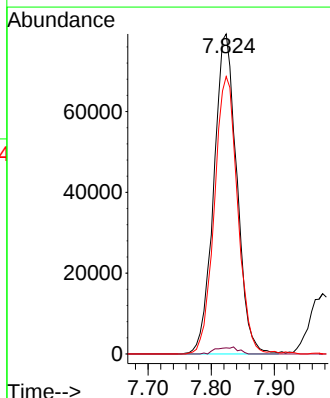
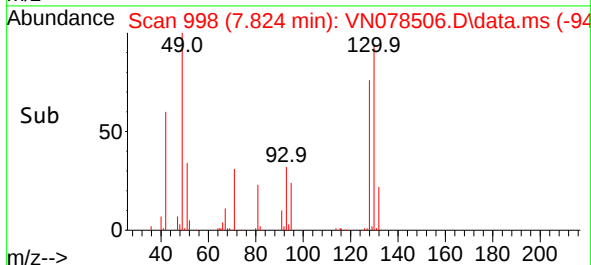
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

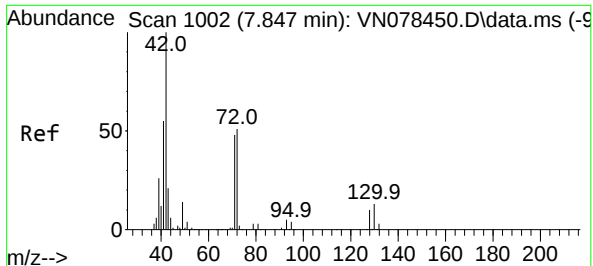


#28
 Bromochloromethane
 Concen: 43.560 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05



Tgt Ion: 49 Resp: 200388
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 87.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 269.705 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 522280

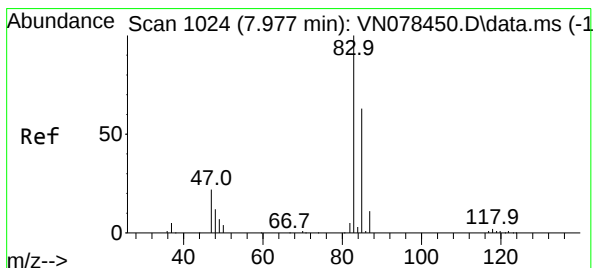
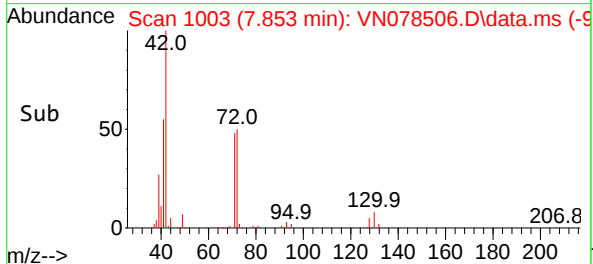
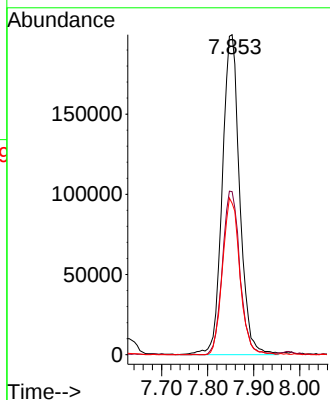
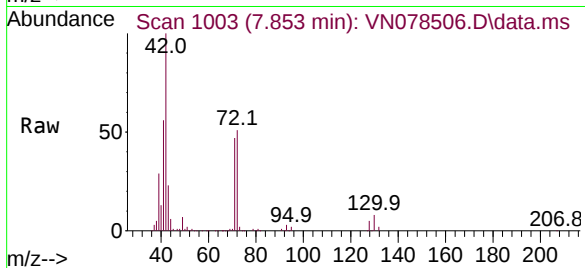
Ion	Ratio	Lower	Upper
42	100		
72	51.4	49.8	74.6
71	48.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

Chloroform

Concen: 51.596 ug/l

RT: 7.971 min Scan# 1023

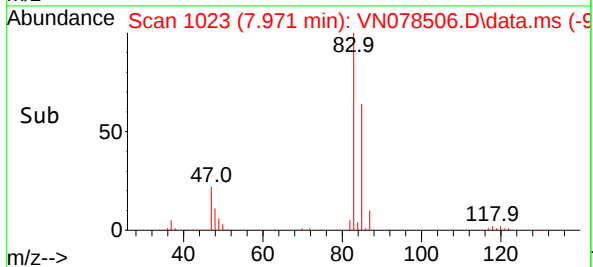
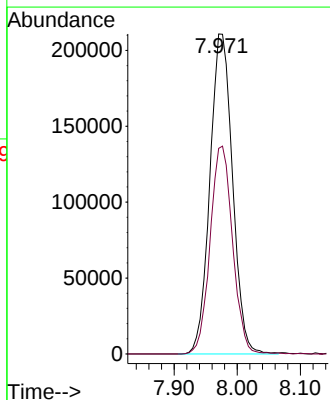
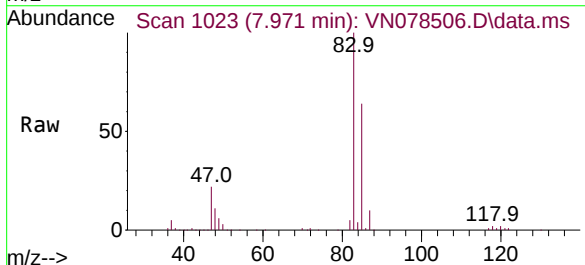
Delta R.T. -0.006 min

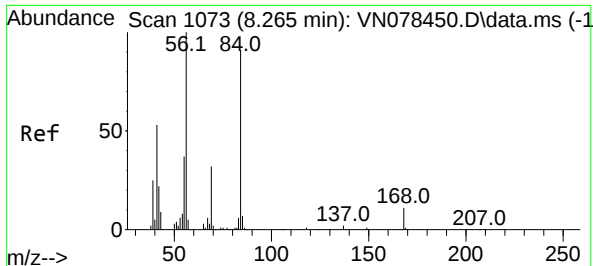
Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Tgt Ion: 83 Resp: 524648

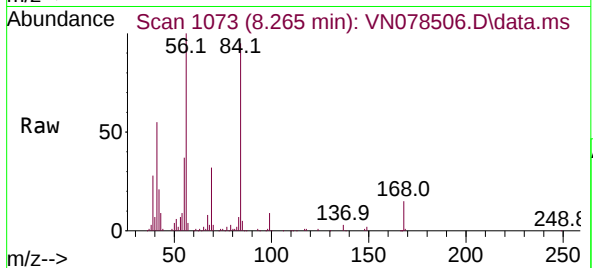
Ion	Ratio	Lower	Upper
83	100		
85	64.3	55.4	83.0





#31
Cyclohexane
Concen: 44.630 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

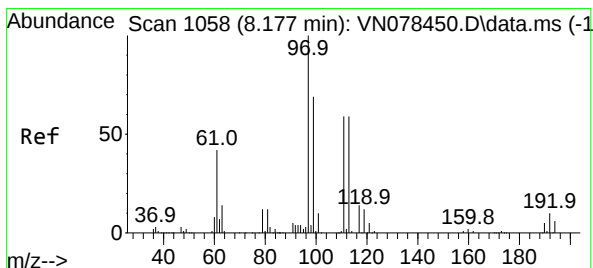
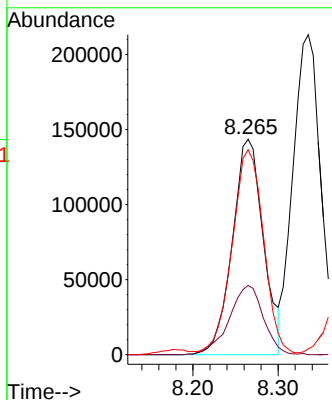
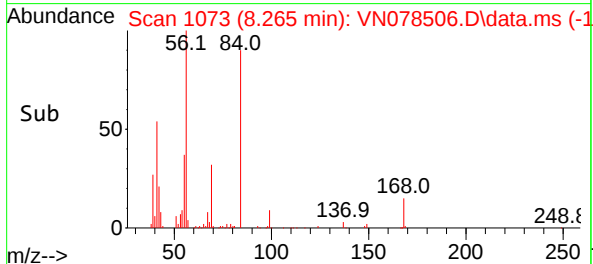
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



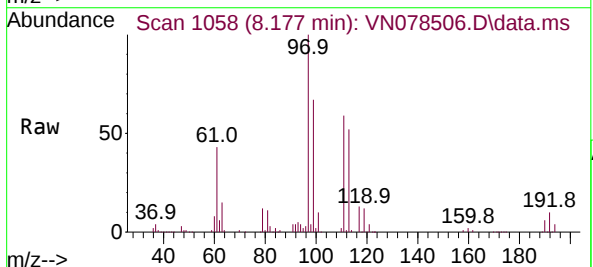
Tgt Ion: 56 Resp: 363020
Ion Ratio Lower Upper
56 100
69 32.2 26.8 40.2
84 92.9 81.8 122.6

Manual Integrations
APPROVED

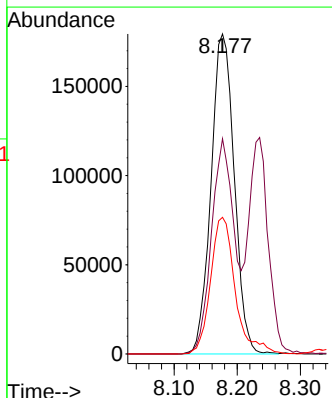
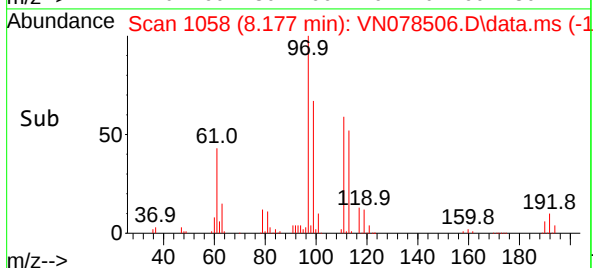
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

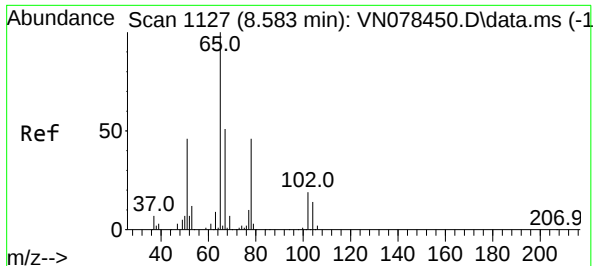


#32
1,1,1-Trichloroethane
Concen: 50.296 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



Tgt Ion: 97 Resp: 458525
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 45.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.367 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 267034

Ion Ratio Lower Upper

65 100

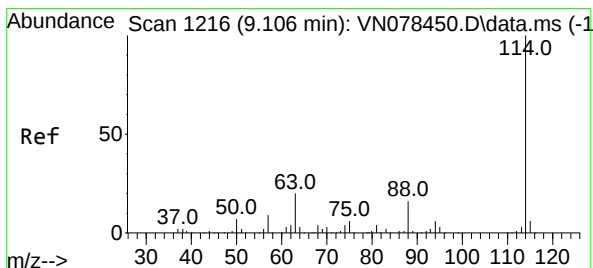
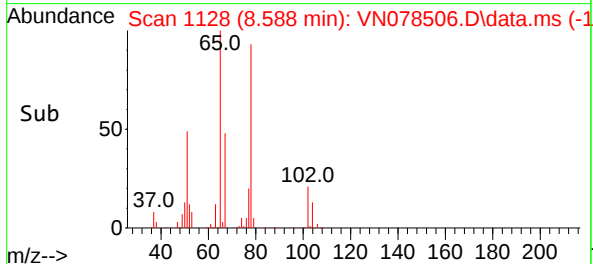
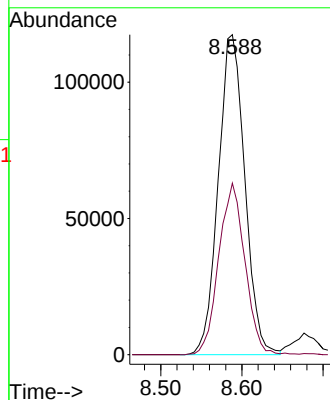
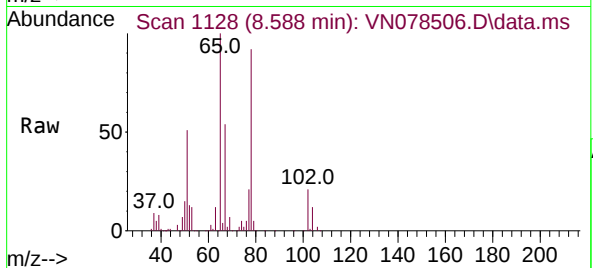
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

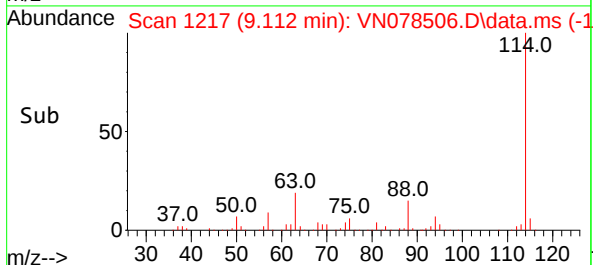
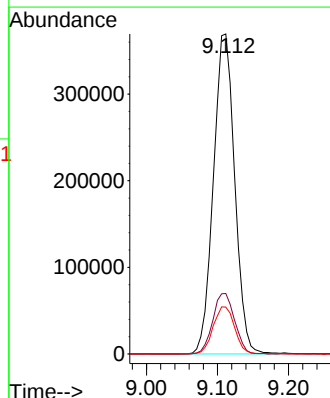
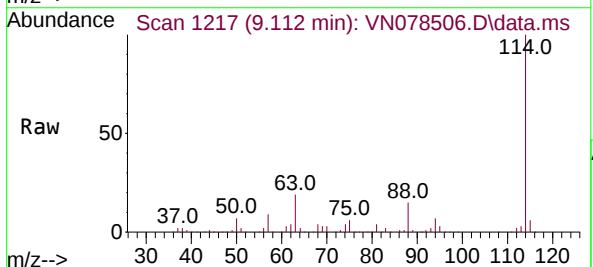
Tgt Ion:114 Resp: 768405

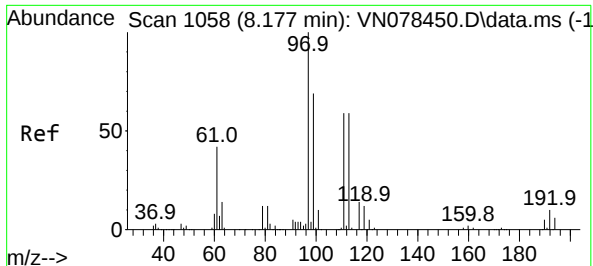
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.011 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 23478

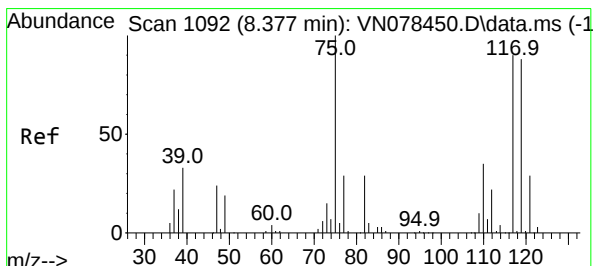
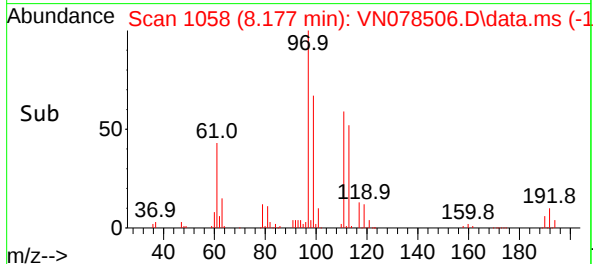
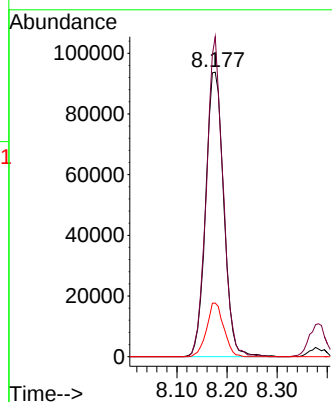
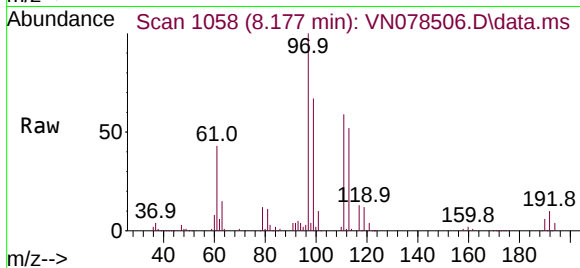
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#36

1,1-Dichloropropene

Concen: 48.978 ug/l

RT: 8.377 min Scan# 1092

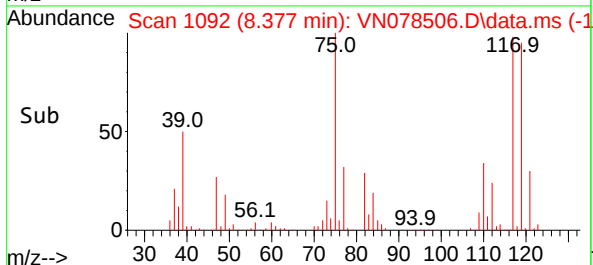
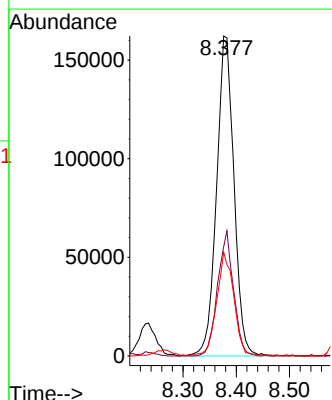
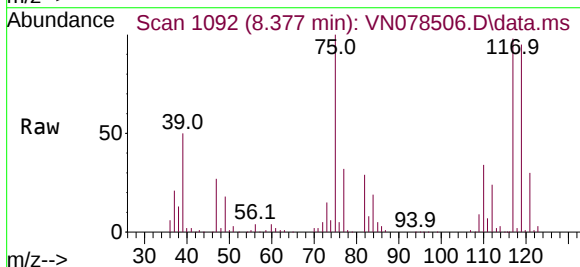
Delta R.T. -0.001 min

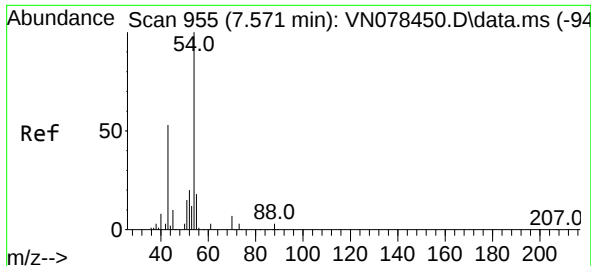
Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Tgt Ion: 75 Resp: 368890

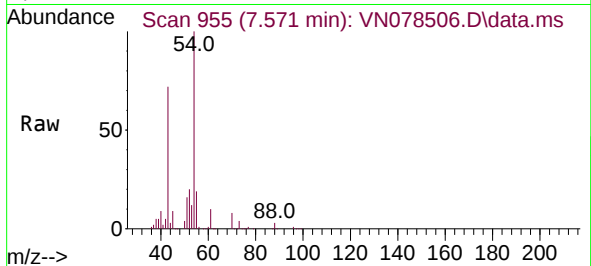
Ion	Ratio	Lower	Upper
75	100		
110	36.0	19.1	57.3
77	31.7	25.0	37.4





#37
Ethyl Acetate
Concen: 53.771 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

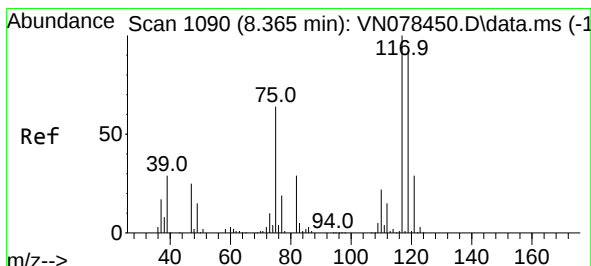
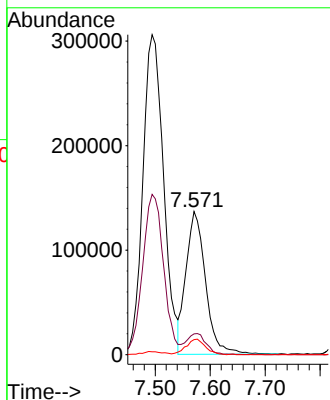
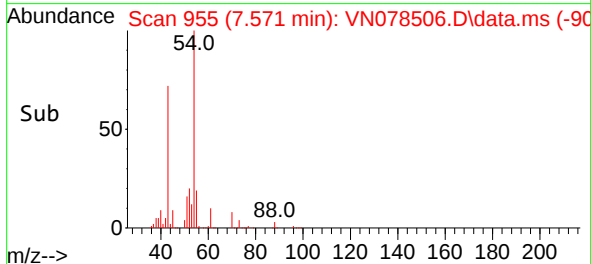
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 337600
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 10.7 11.3 16.9

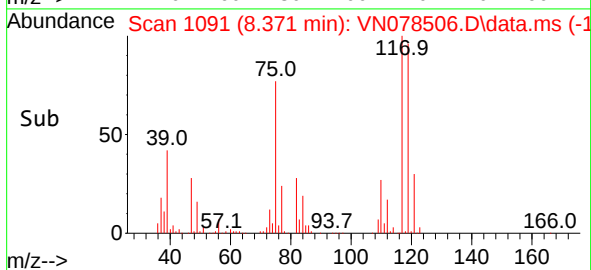
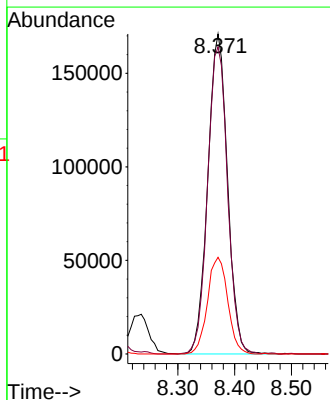
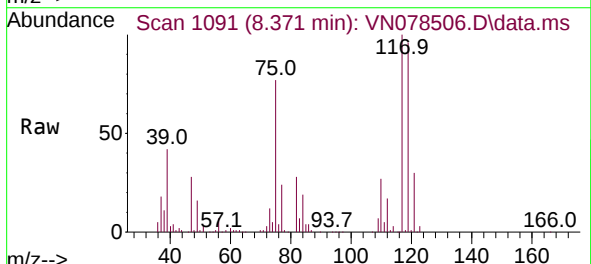
Manual Integrations
APPROVED

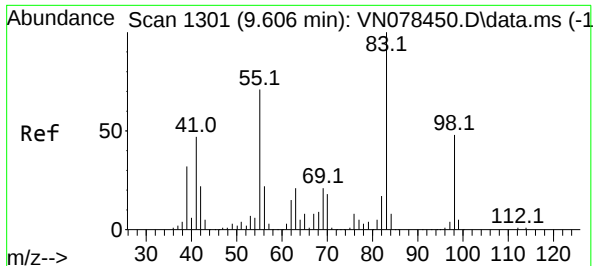
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#38
Carbon Tetrachloride
Concen: 50.388 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:117 Resp: 412462
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 50.177 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 344958

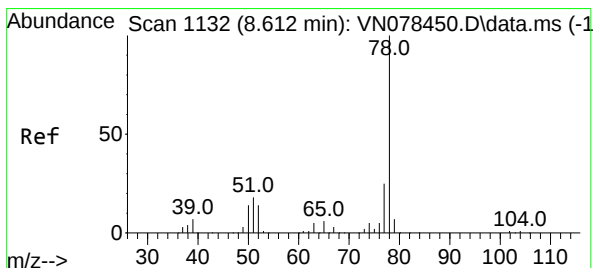
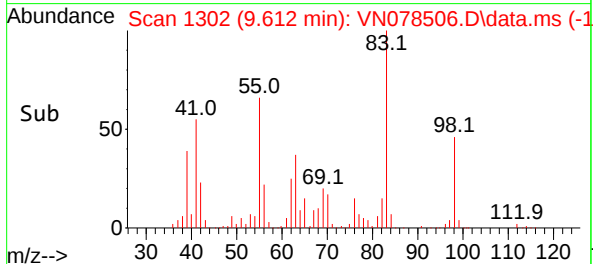
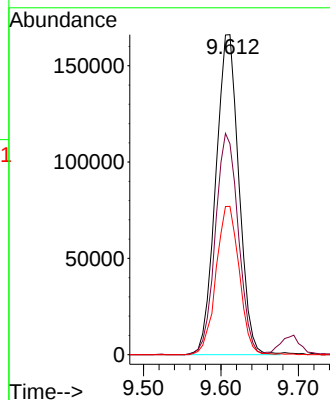
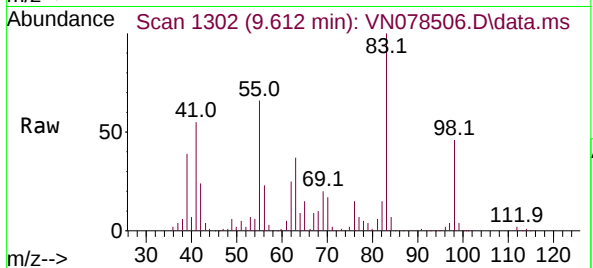
Ion	Ratio	Lower	Upper
83	100		
55	65.9	49.1	73.7
98	46.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Benzene

Concen: 50.631 ug/l

RT: 8.618 min Scan# 1133

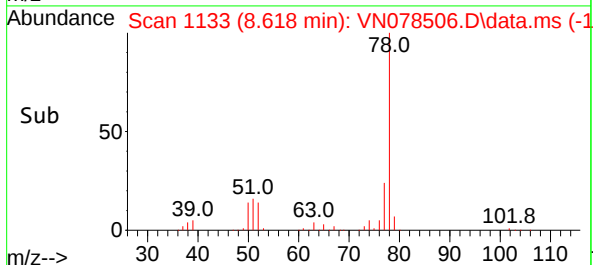
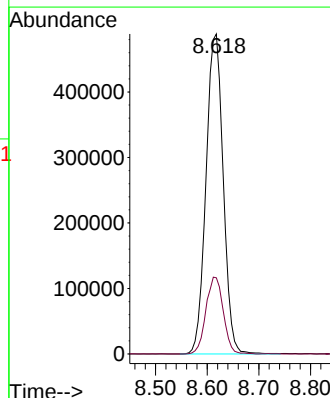
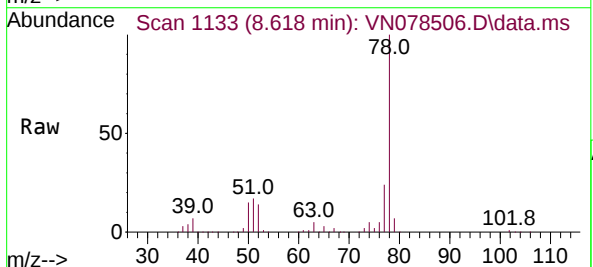
Delta R.T. 0.006 min

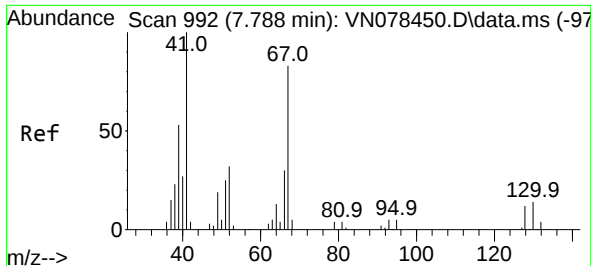
Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Tgt Ion: 78 Resp: 1129746

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 54.853 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

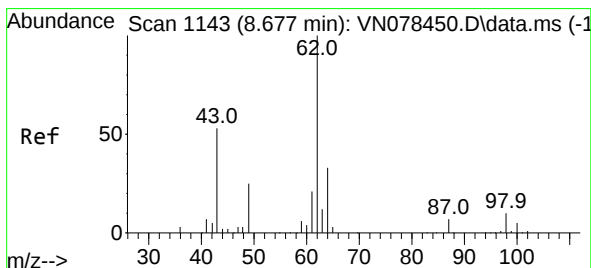
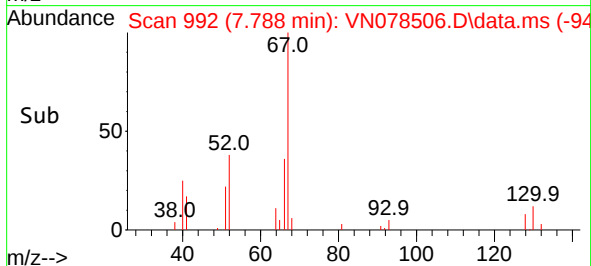
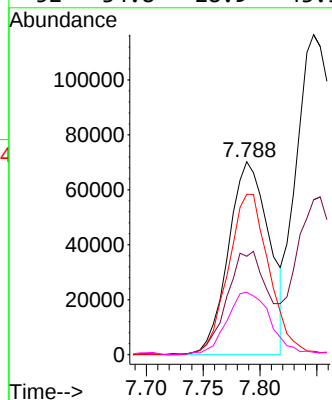
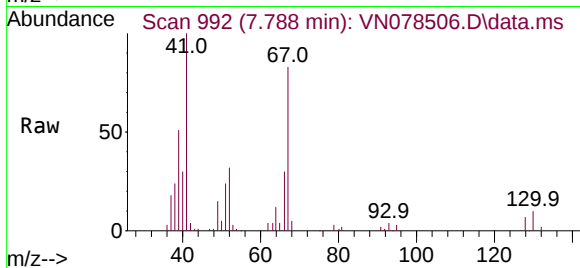
Tgt Ion: 41 Resp: 175570
Ion Ratio Lower Upper
41 100
39 51.8 42.6 64.0
67 83.8 77.5 116.3
52 34.8 28.9 43.3

Manual Integrations

APPROVED

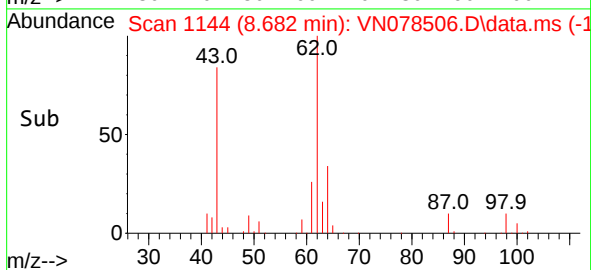
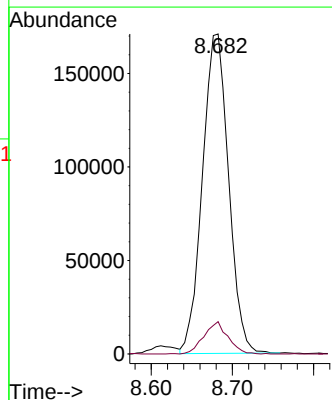
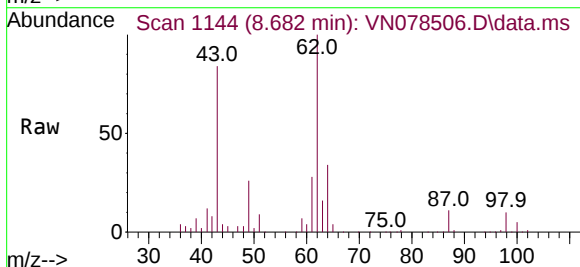
Reviewed By :John Carlone 07/14/2023

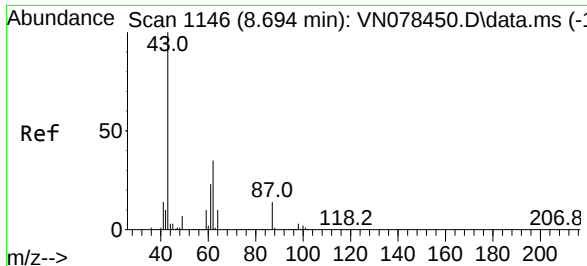
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
1,2-Dichloroethane
Concen: 50.395 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

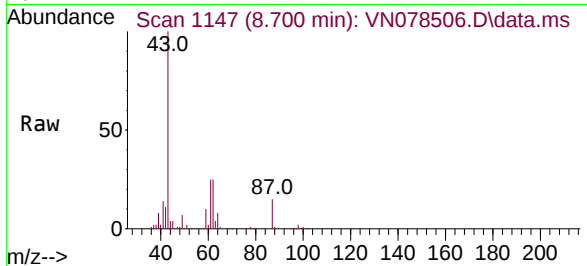
Tgt Ion: 62 Resp: 382473
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 53.269 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

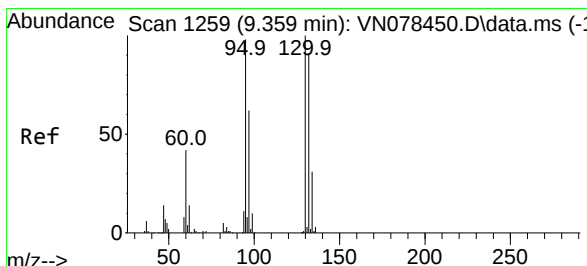
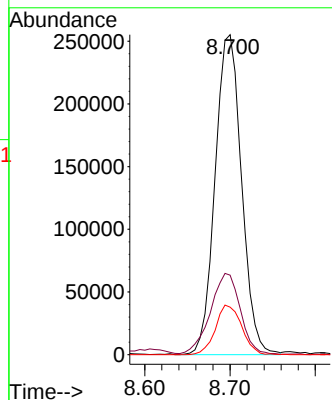
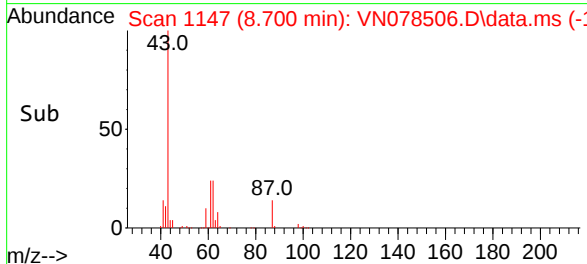
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 55063
Ion Ratio Lower Upper
43 100
61 28.5 24.7 37.1
87 15.4 14.6 21.8

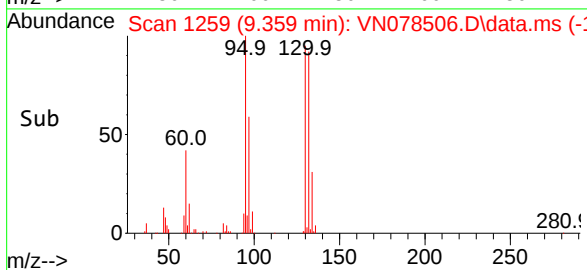
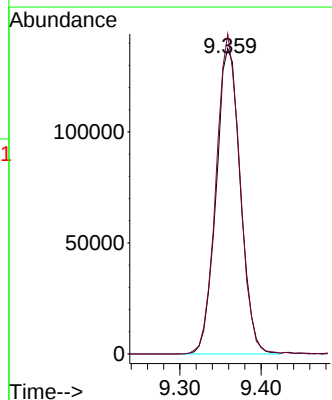
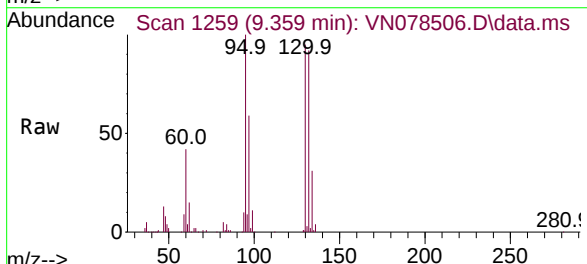
Manual Integrations
APPROVED

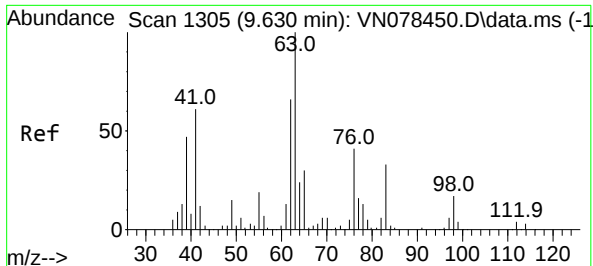
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Trichloroethene
Concen: 47.487 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:130 Resp: 285581
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.013 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 28829

Ion Ratio Lower Upper

63 100

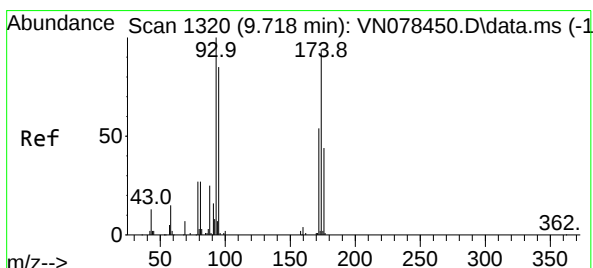
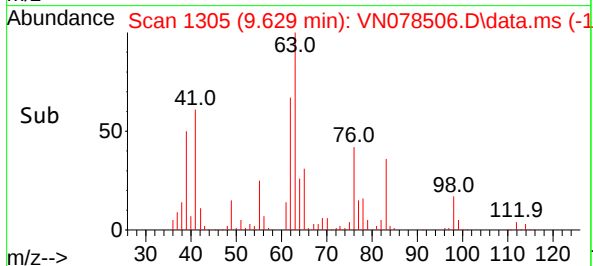
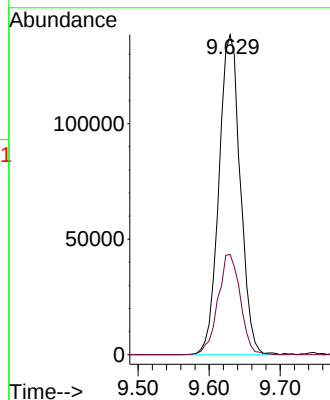
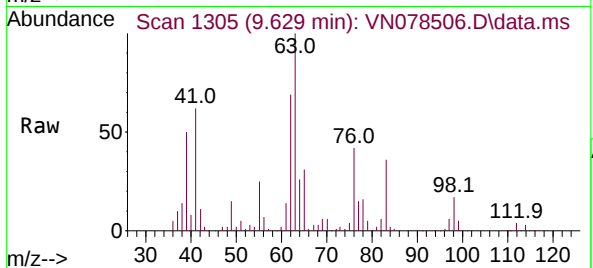
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#46

Dibromomethane

Concen: 52.240 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

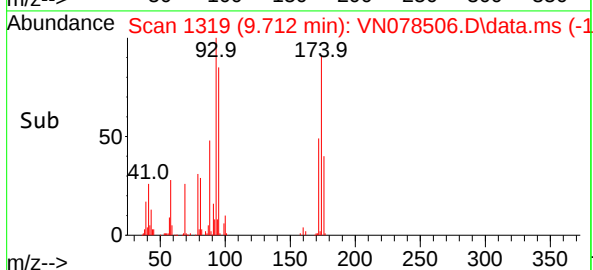
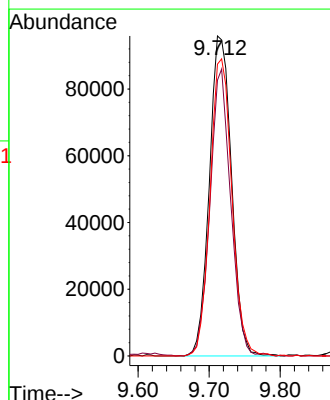
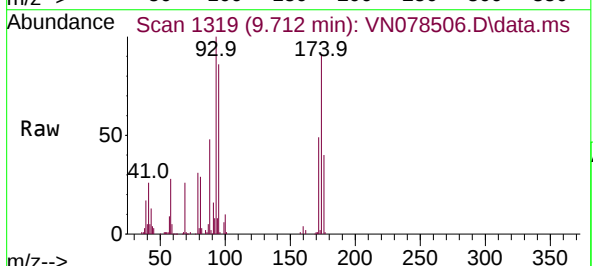
Tgt Ion: 93 Resp: 207790

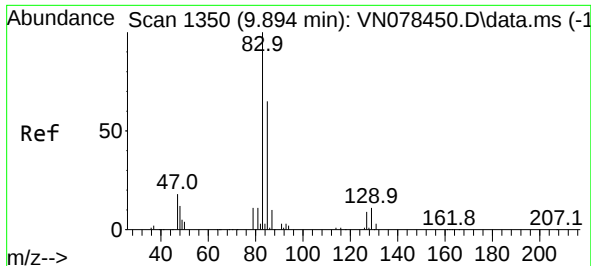
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

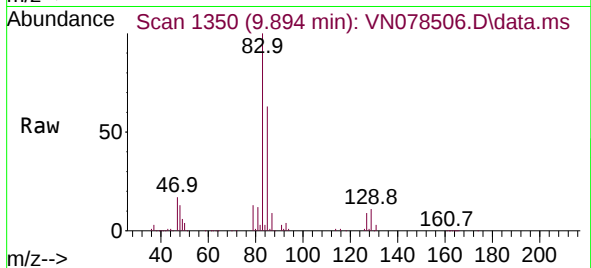
174 91.5 65.6 98.4





#47
Bromodichloromethane
Concen: 51.922 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

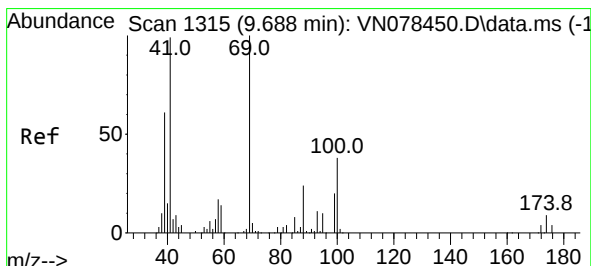
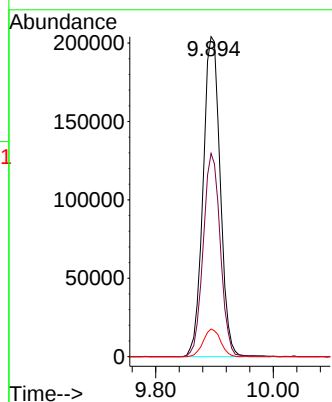
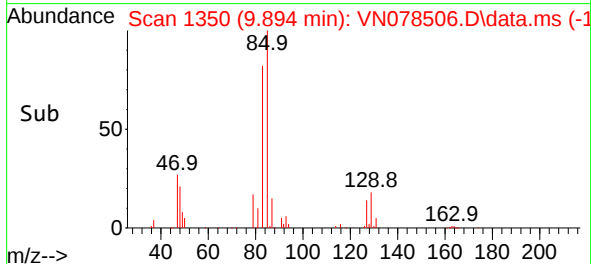
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 413989
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 8.6 7.0 10.6

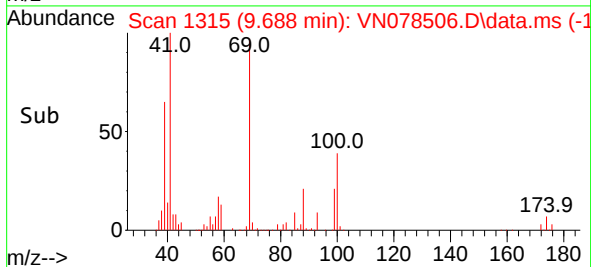
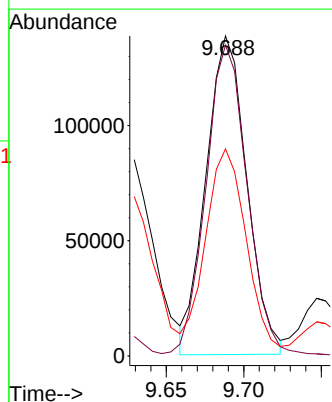
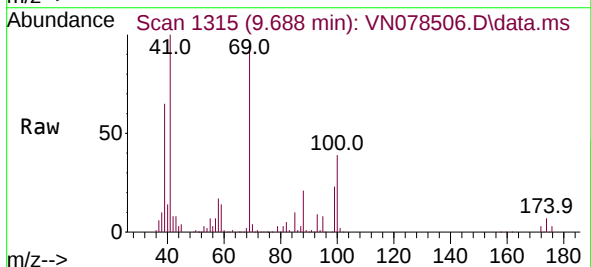
Manual Integrations
APPROVED

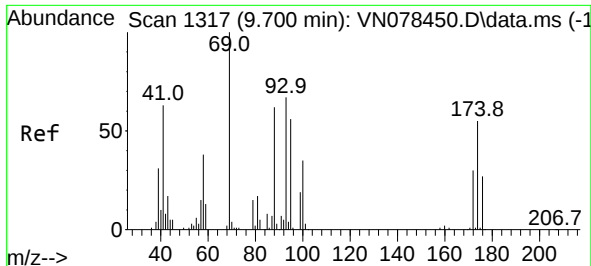
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
Methyl methacrylate
Concen: 52.939 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 41 Resp: 253521
Ion Ratio Lower Upper
41 100
69 99.4 90.4 135.6
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1147.237 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 11981

Ion Ratio Lower Upper

88 100

43 23.7 17.0 25.6

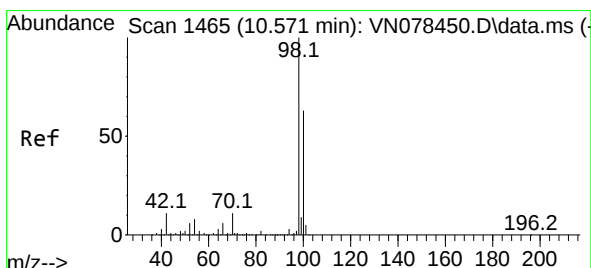
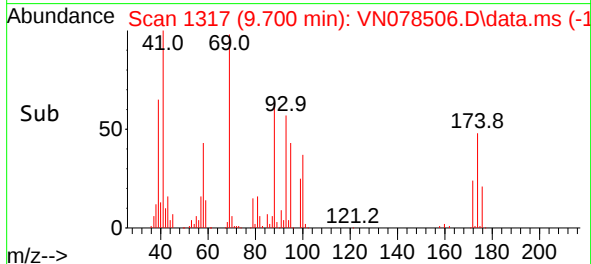
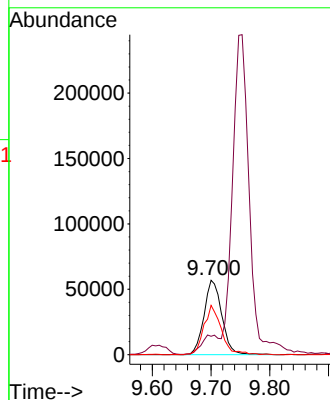
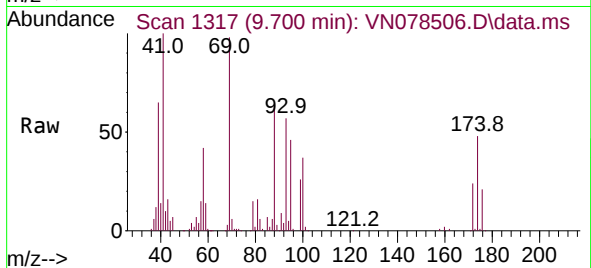
58 65.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

Toluene-d8

Concen: 44.408 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078506.D

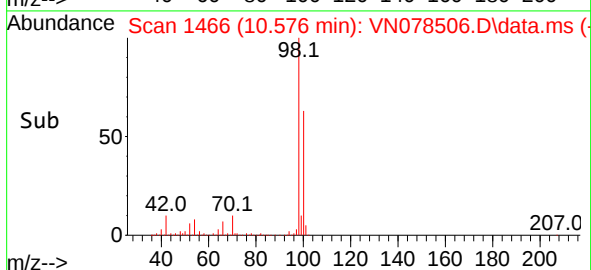
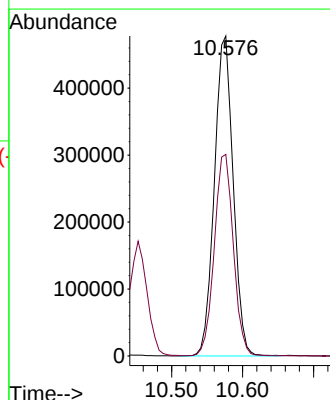
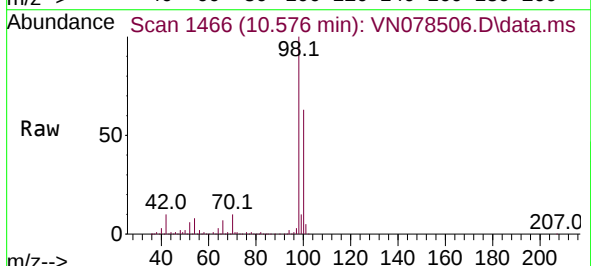
Acq: 13 Jul 2023 19:05

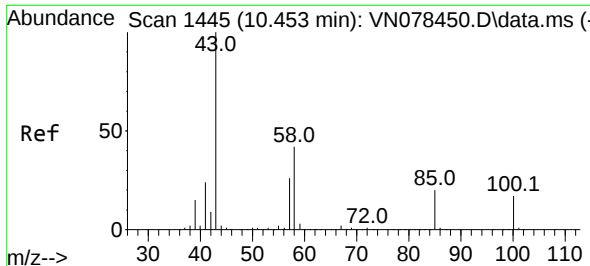
Tgt Ion: 98 Resp: 875069

Ion Ratio Lower Upper

98 100

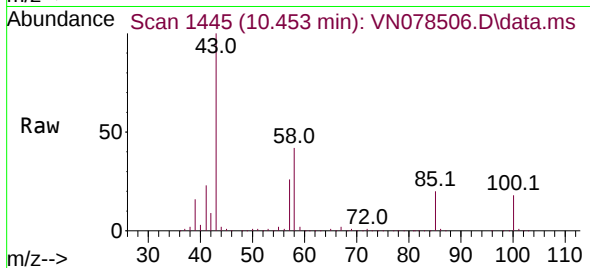
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 283.700 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

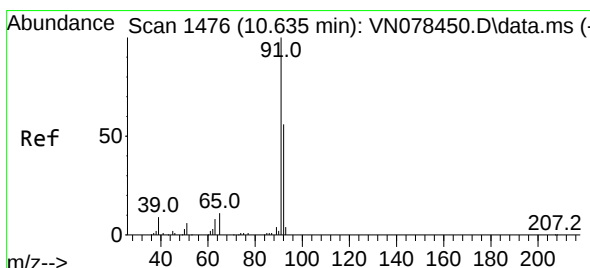
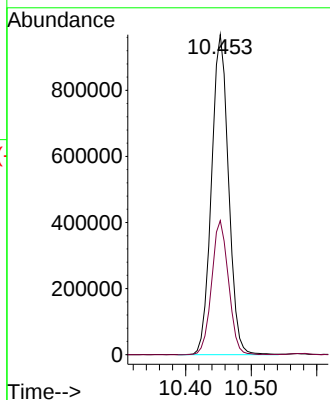
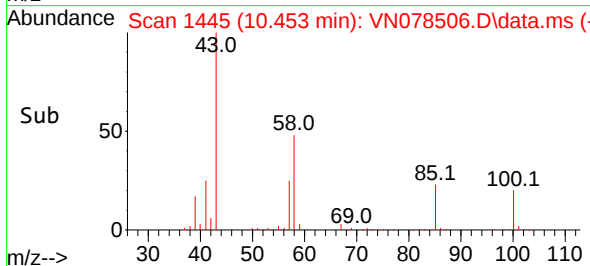
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



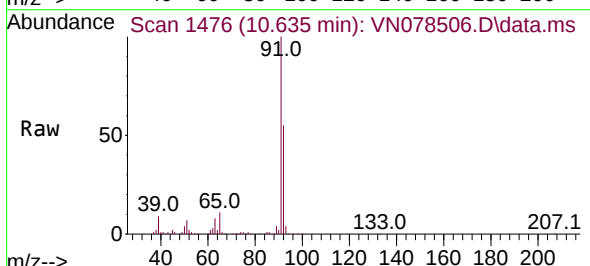
Tgt Ion: 43 Resp: 174432
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
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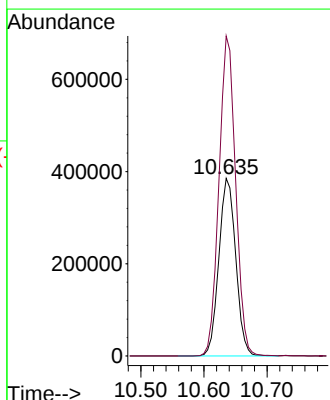
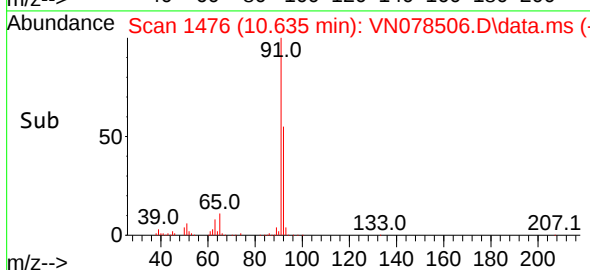
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

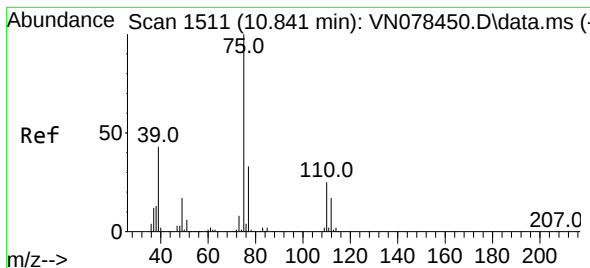


#52
Toluene
Concen: 51.732 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



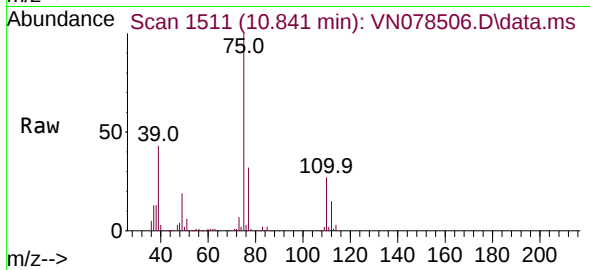
Tgt Ion: 92 Resp: 715405
Ion Ratio Lower Upper
92 100
91 177.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 51.185 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05

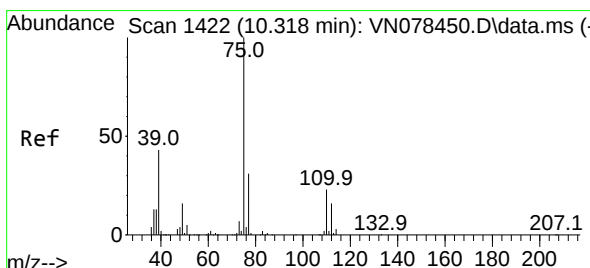
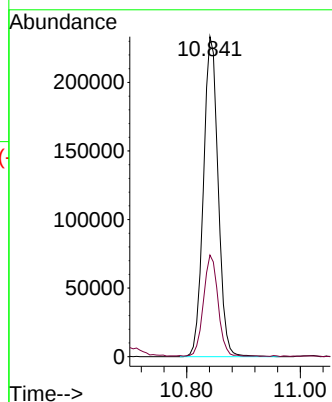
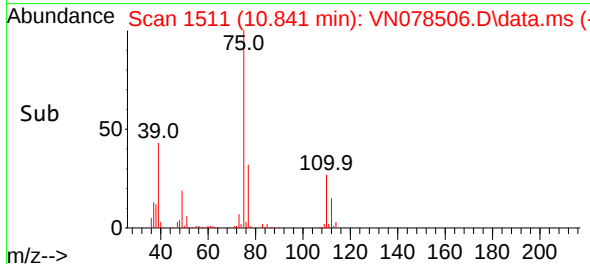
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



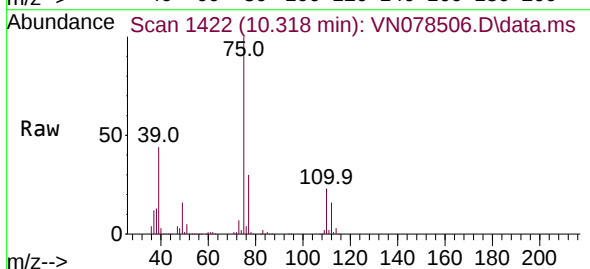
Tgt Ion: 75 Resp: 418099
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

Manual Integrations
 APPROVED

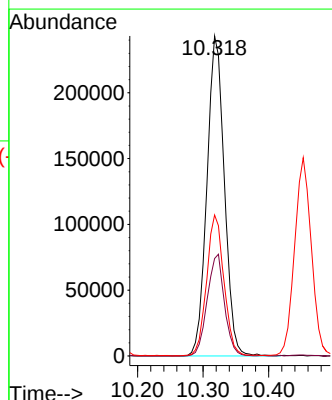
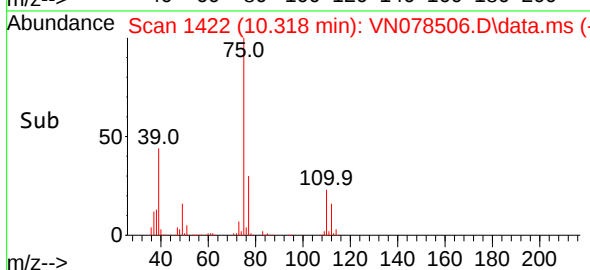
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

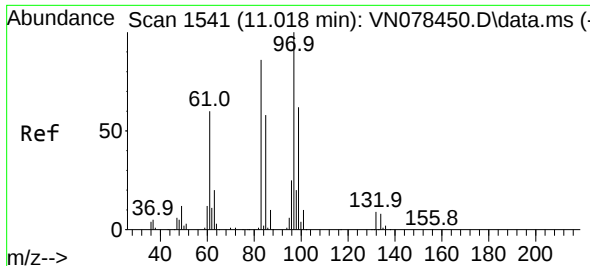


#54
 cis-1,3-Dichloropropene
 Concen: 51.720 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05



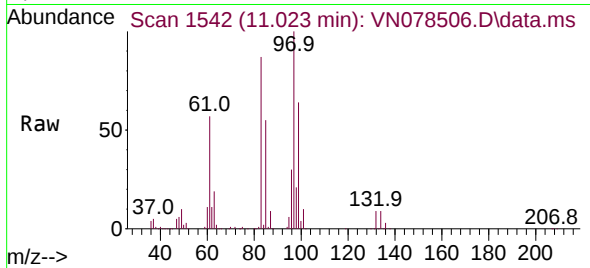
Tgt Ion: 75 Resp: 450333
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.1 39.1
 39 44.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.368 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

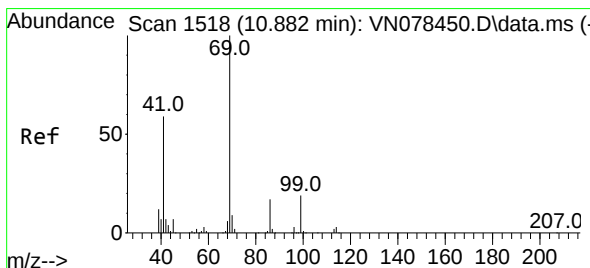
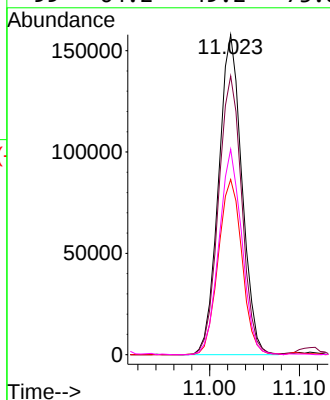
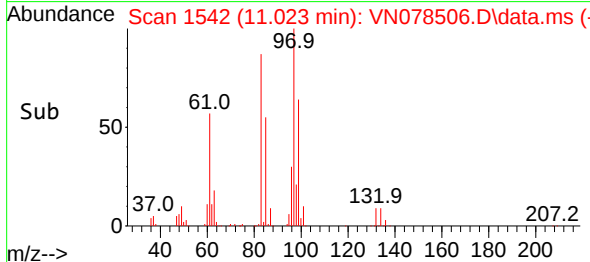
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 28533
Ion Ratio Lower Upper
97 100
83 87.1 65.1 97.7
85 54.7 43.4 65.2
99 64.2 49.2 73.8

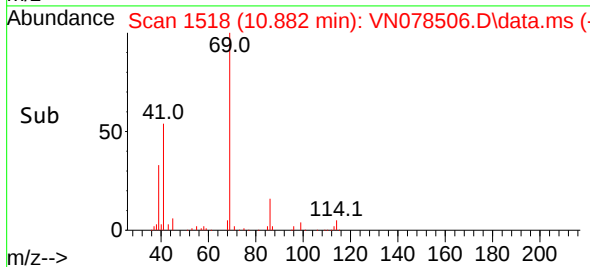
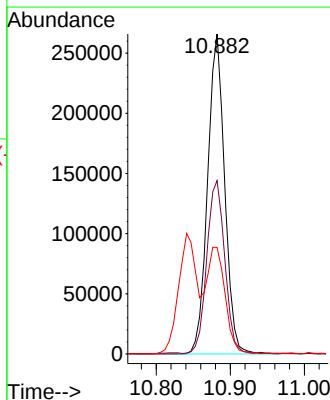
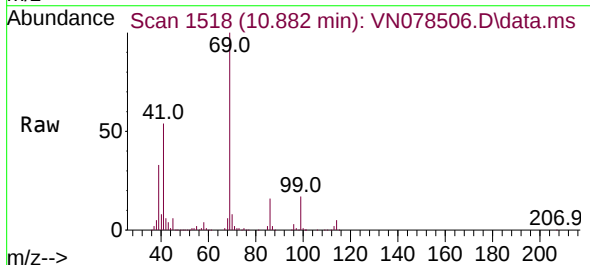
Manual Integrations
APPROVED

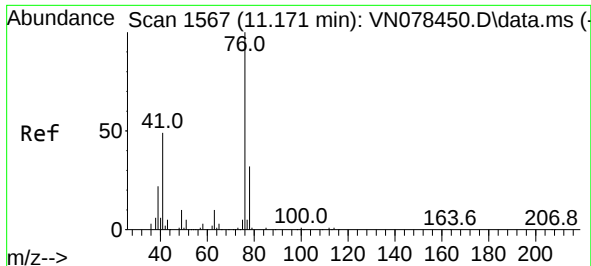
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Ethyl methacrylate
Concen: 55.804 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

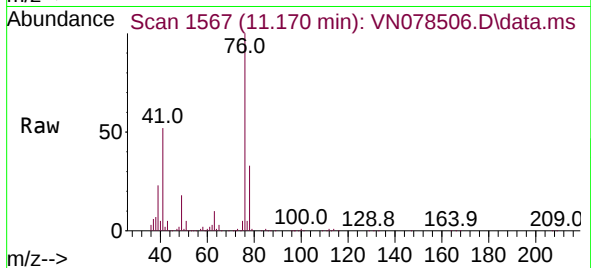
Tgt Ion: 69 Resp: 425032
Ion Ratio Lower Upper
69 100
41 56.9 39.6 59.4
39 37.0 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.302 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

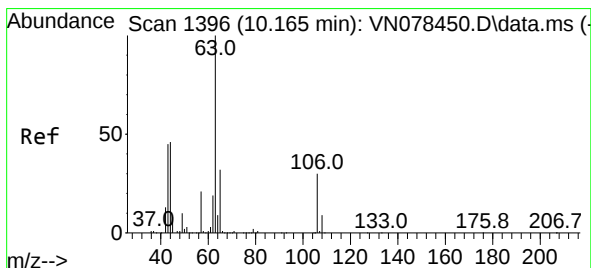
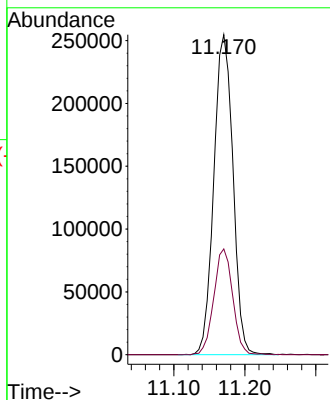
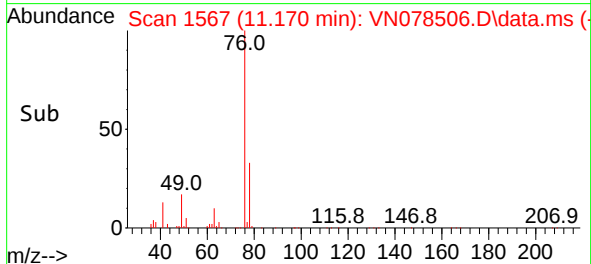
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 475280
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

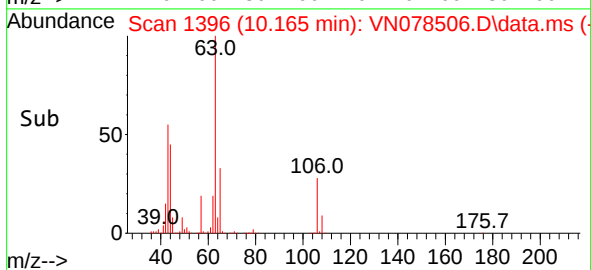
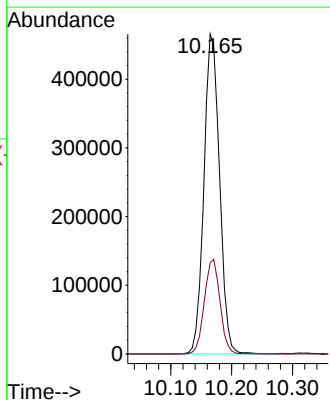
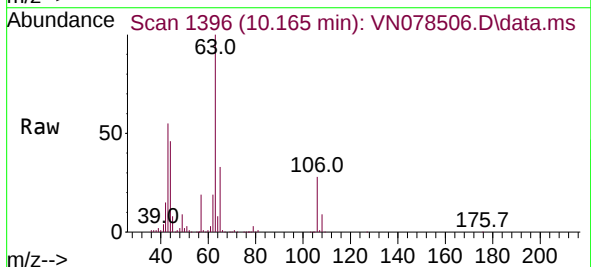
Manual Integrations
APPROVED

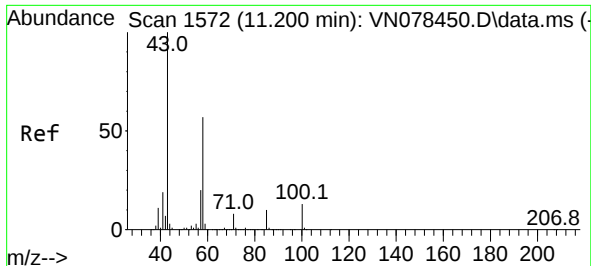
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 306.328 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

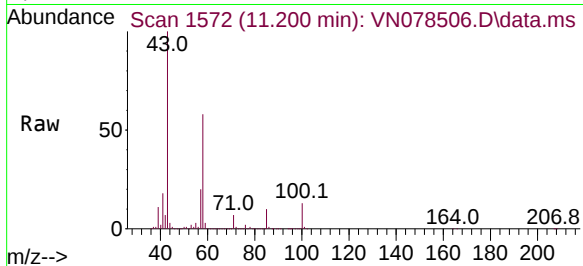
Tgt Ion: 63 Resp: 831480
Ion Ratio Lower Upper
63 100
106 29.6 26.2 39.4





#59
2-Hexanone
Concen: 292.019 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

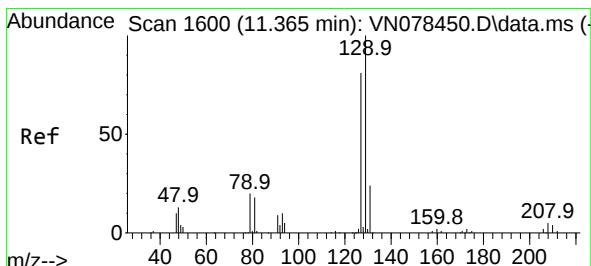
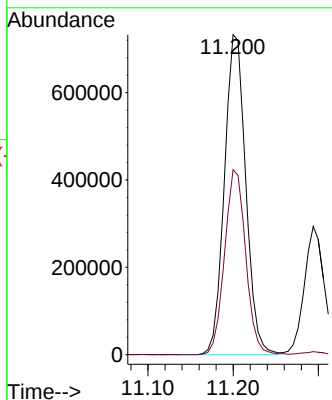
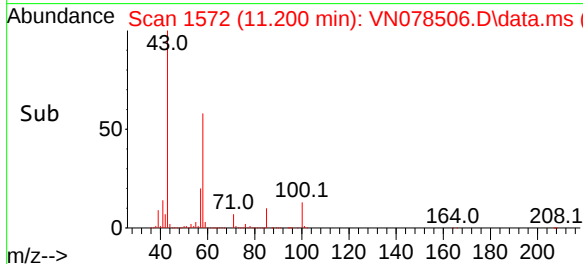
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1276059
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

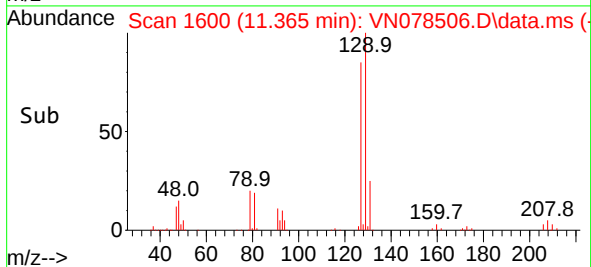
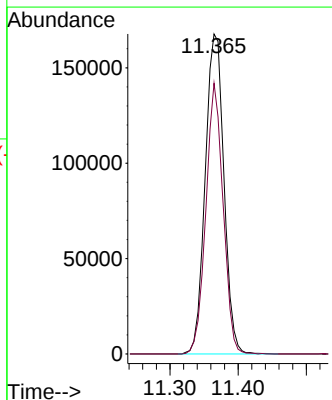
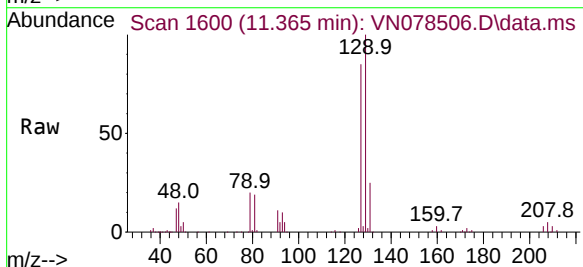
Manual Integrations
APPROVED

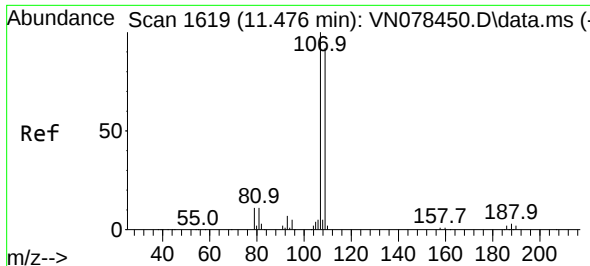
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#60
Dibromochloromethane
Concen: 53.259 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

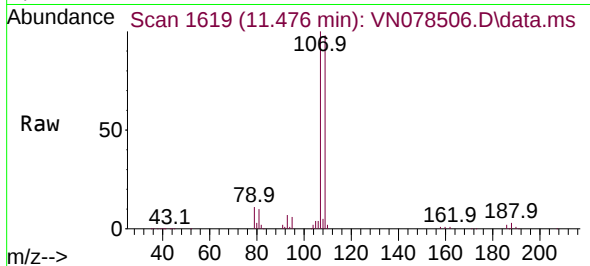
Tgt Ion:129 Resp: 320361
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.710 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

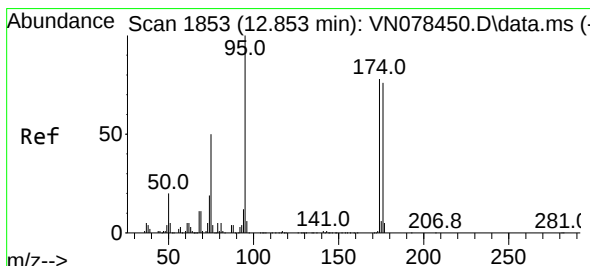
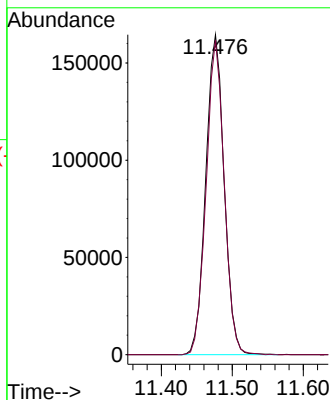
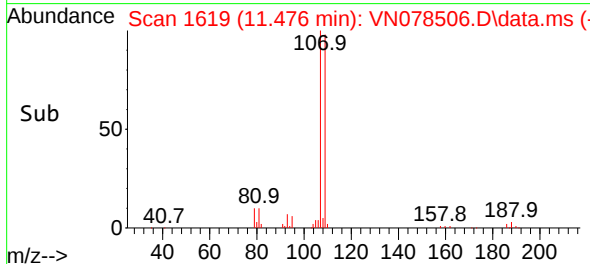
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



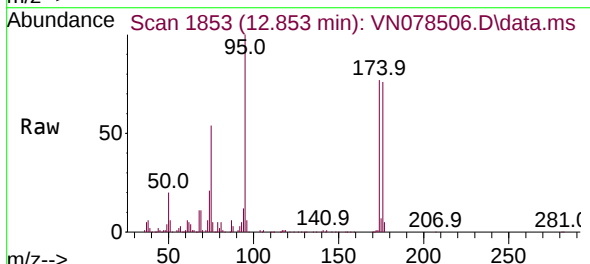
Tgt Ion:107 Resp: 295850
Ion Ratio Lower Upper
107 100
109 96.5 76.6 114.8

Manual Integrations
APPROVED

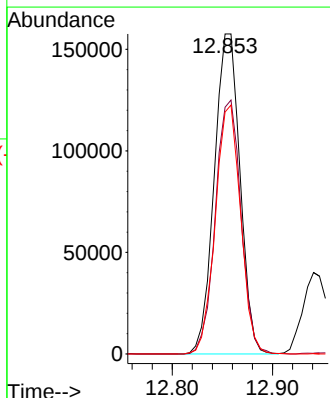
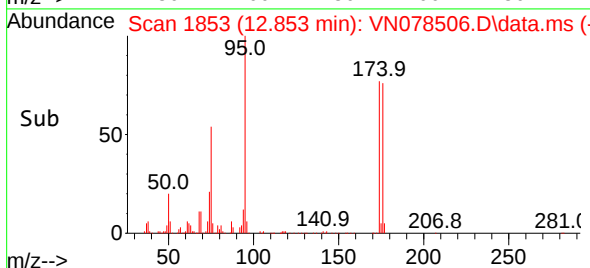
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

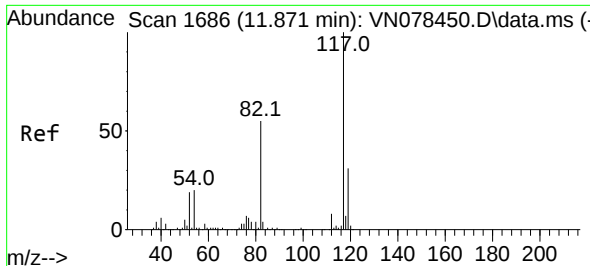


#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



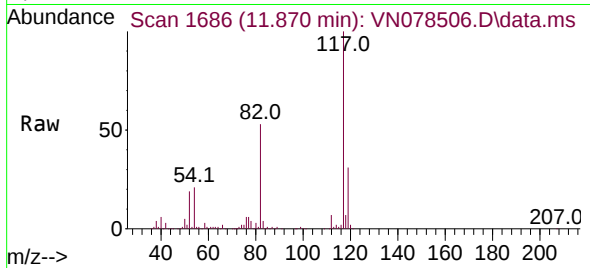
Tgt Ion: 95 Resp: 281017
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 76.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

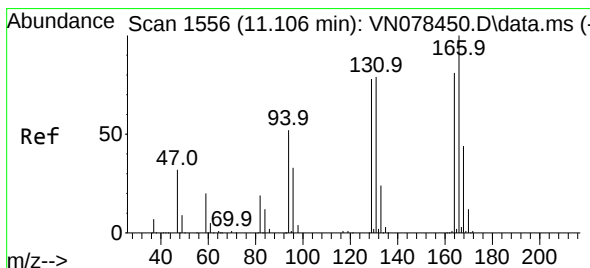
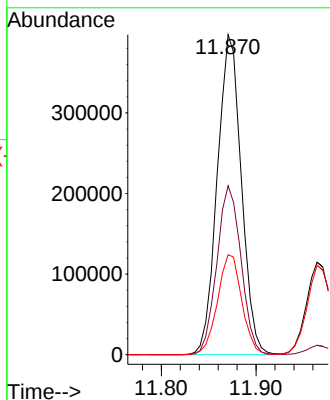
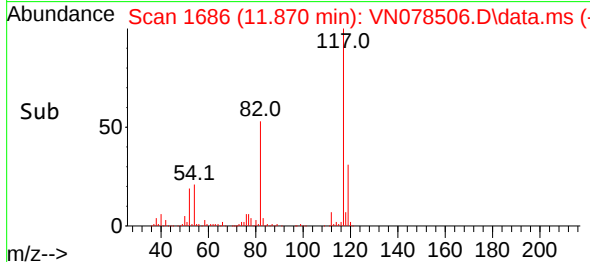
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 700770
Ion Ratio Lower Upper
117 100
82 52.8 44.0 66.0
119 31.3 25.6 38.4

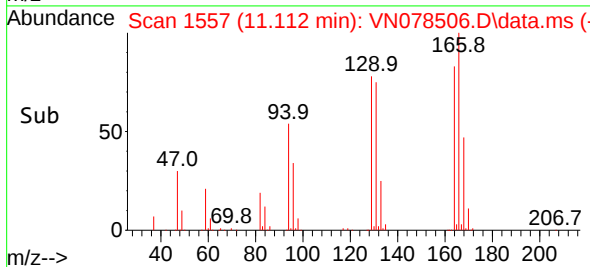
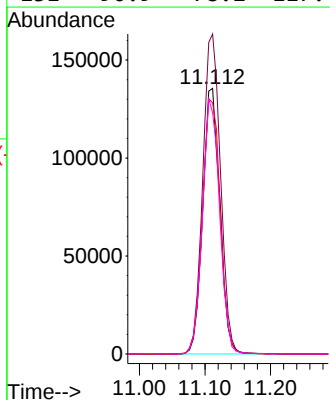
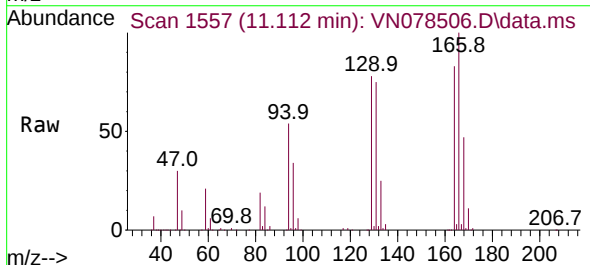
Manual Integrations
APPROVED

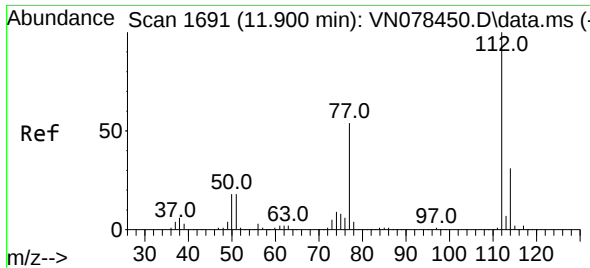
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Tetrachloroethene
Concen: 46.813 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:164 Resp: 246639
Ion Ratio Lower Upper
164 100
166 120.5 101.4 152.0
129 94.5 82.4 123.6
131 90.9 78.2 117.4





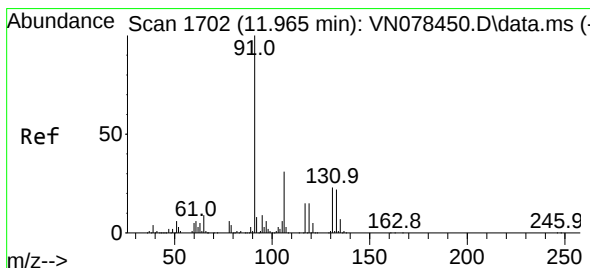
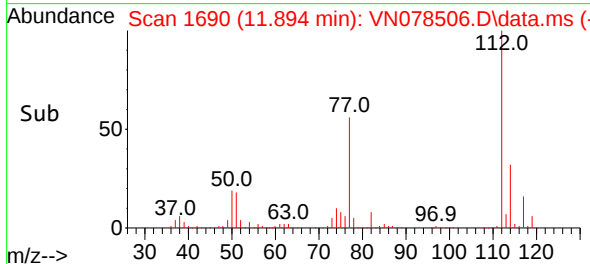
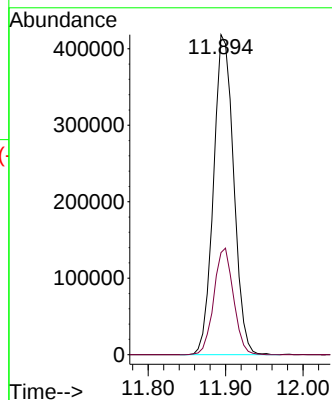
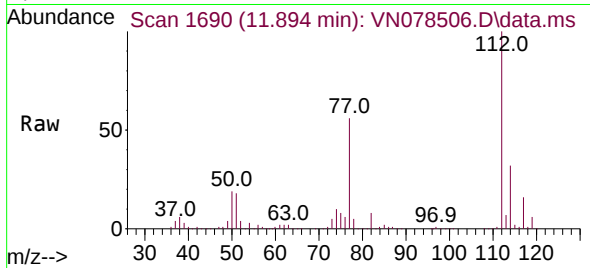
#65
Chlorobenzene
Concen: 48.248 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 755754
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

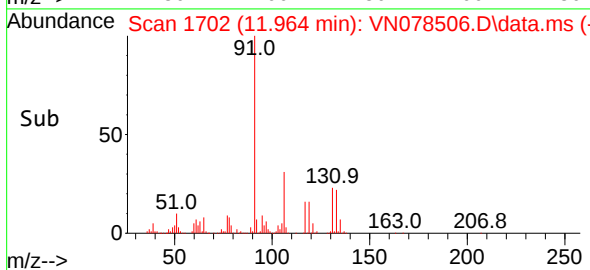
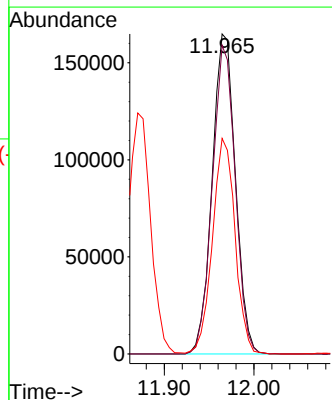
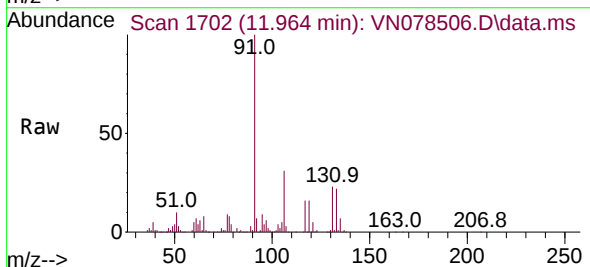
Manual Integrations
APPROVED

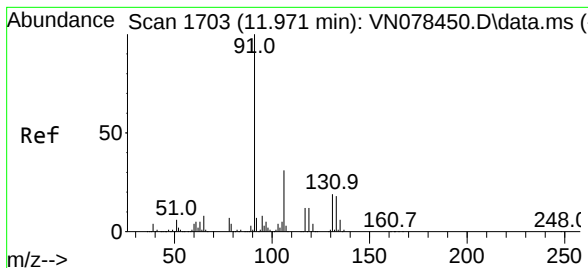
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.329 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

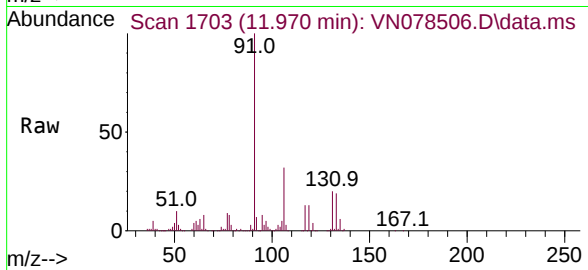
Tgt Ion:131 Resp: 297252
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 65.4 34.1 102.2





#67
Ethyl Benzene
Concen: 51.072 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

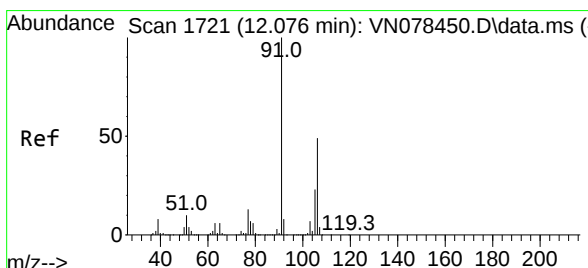
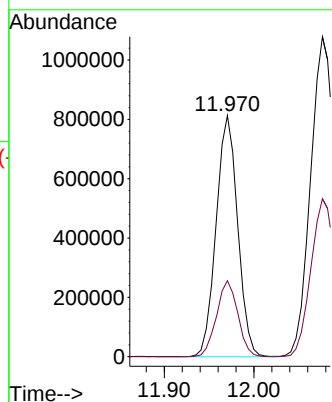
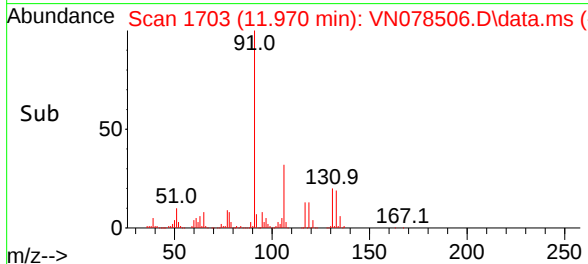
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



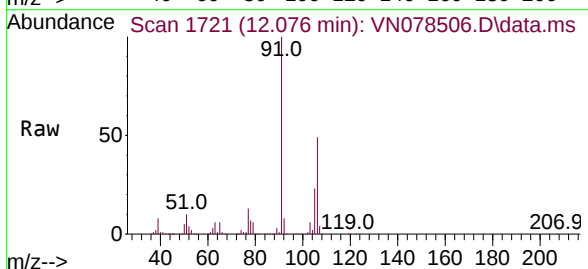
Tgt Ion: 91 Resp: 1352249
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

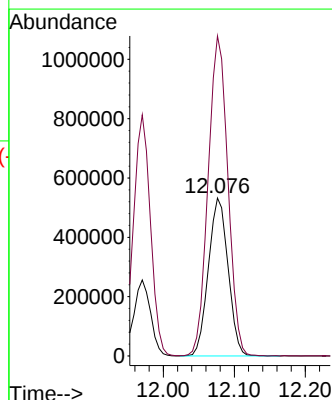
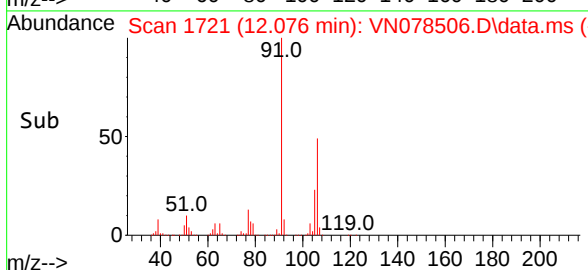
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

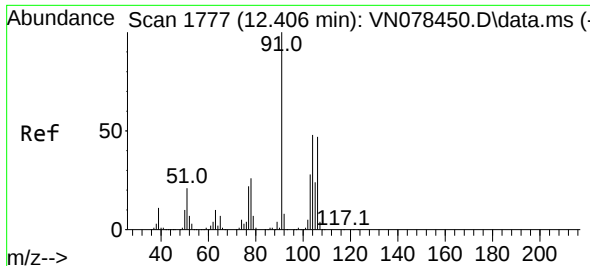


#68
m/p-Xylenes
Concen: 104.588 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



Tgt Ion:106 Resp: 1023848
Ion Ratio Lower Upper
106 100
91 203.2 159.6 239.4





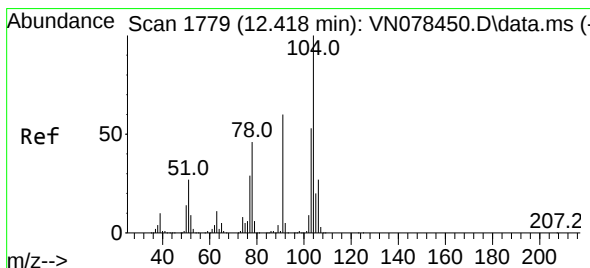
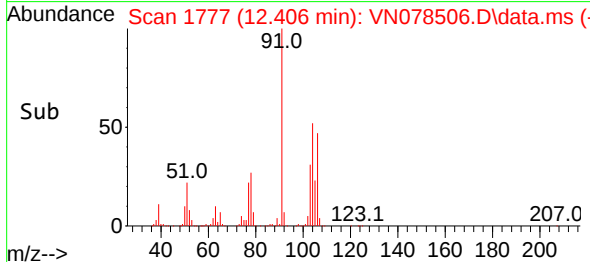
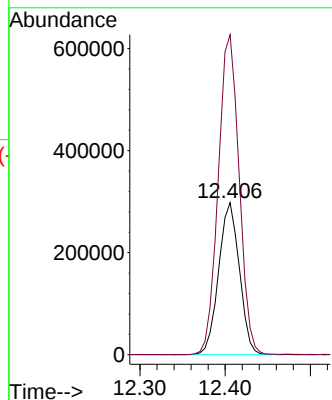
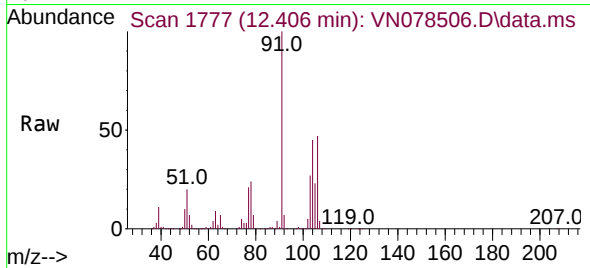
#69
o-Xylene
Concen: 50.989 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 504169
Ion Ratio Lower Upper
106 100
91 212.5 105.2 315.5

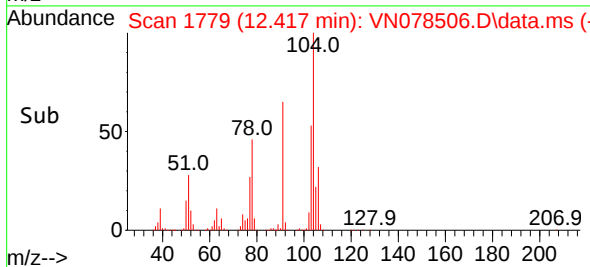
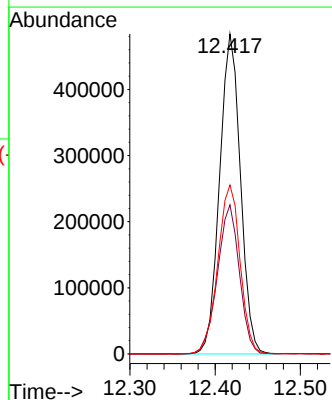
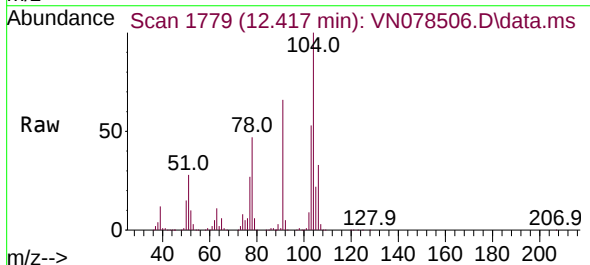
Manual Integrations
APPROVED

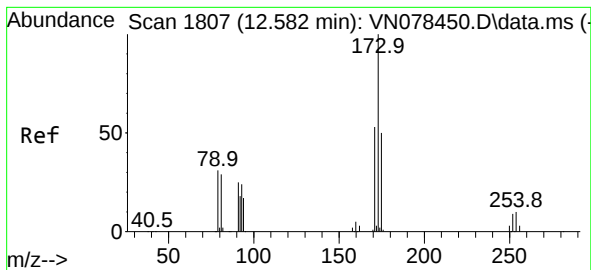
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#70
Styrene
Concen: 53.227 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:104 Resp: 823375
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 56.5 43.2 64.8





#71

Bromoform

Concen: 53.291 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078506.D

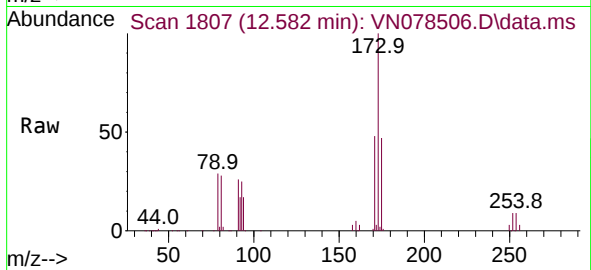
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 217484

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

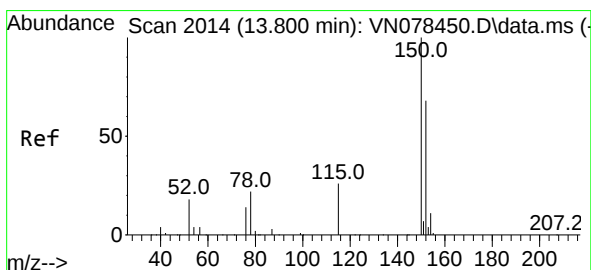
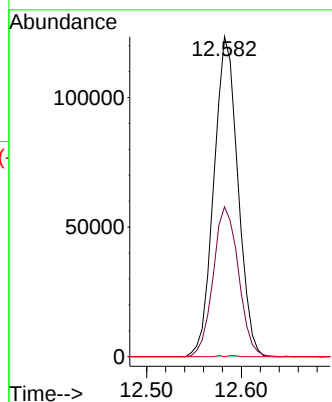
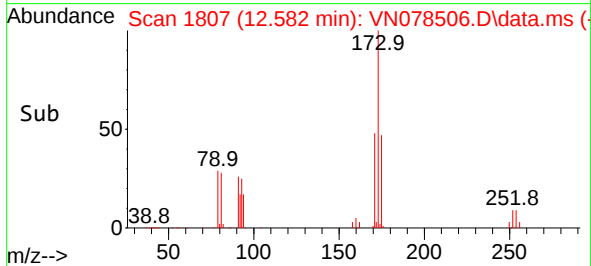
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

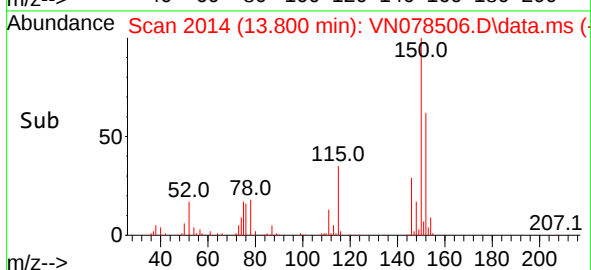
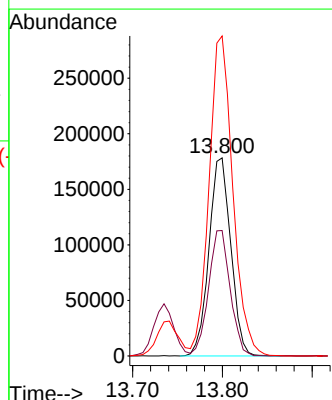
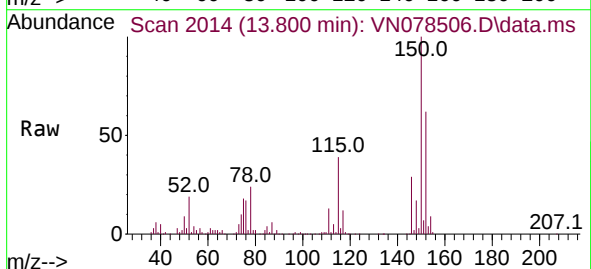
Tgt Ion:152 Resp: 301633

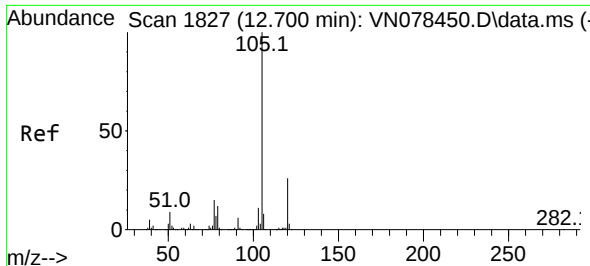
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

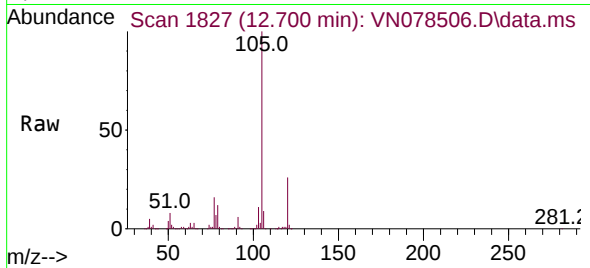
150 175.1 0.0 355.8





#73
Isopropylbenzene
Concen: 43.699 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

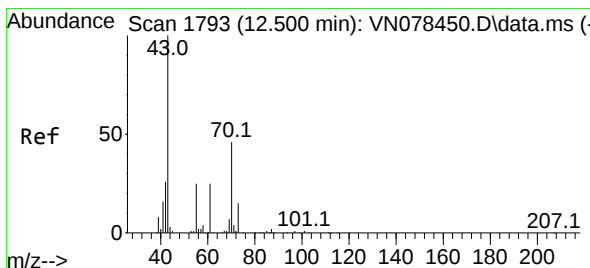
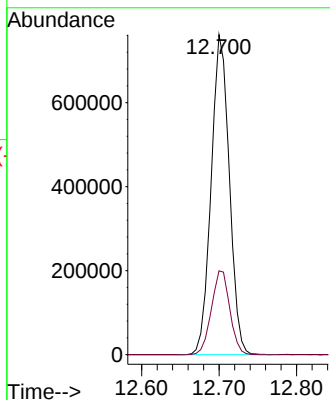
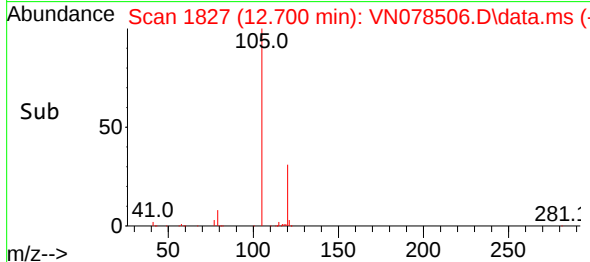
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



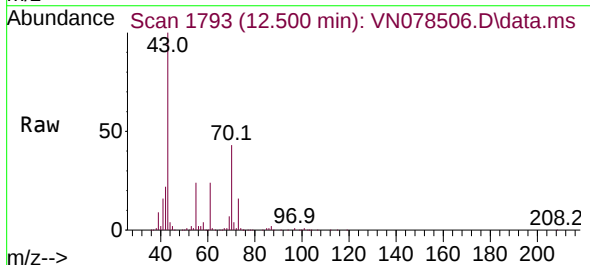
Tgt Ion:105 Resp: 1238558
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

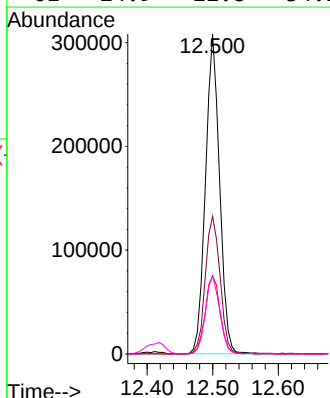
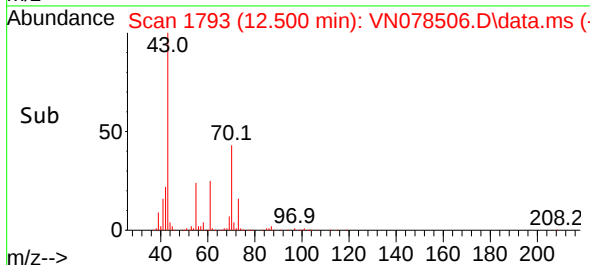
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

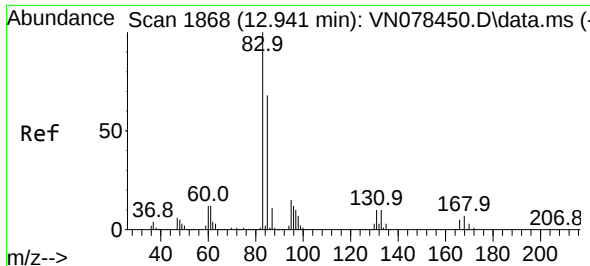


#74
N-ethyl acetate
Concen: 47.164 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



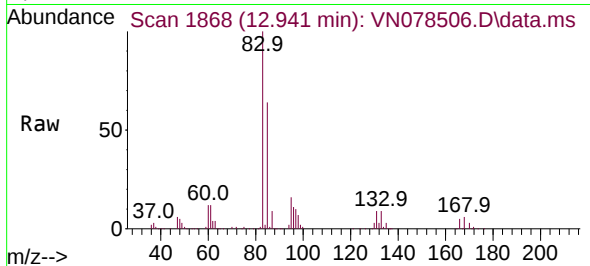
Tgt Ion: 43 Resp: 460675
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 26.0 21.4 32.0
61 24.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.120 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

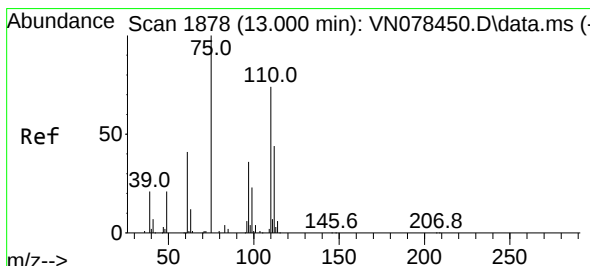
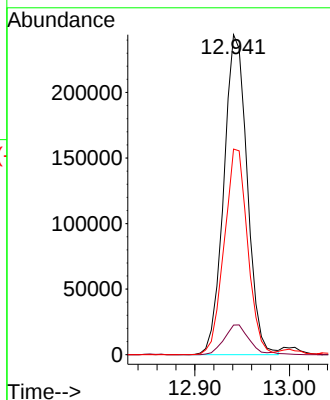
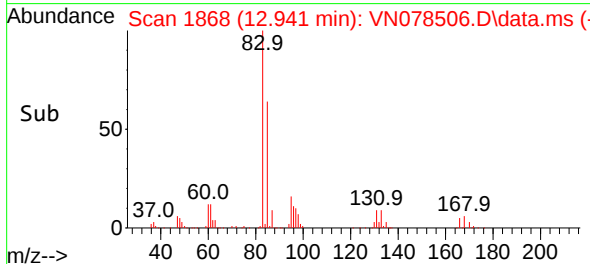
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



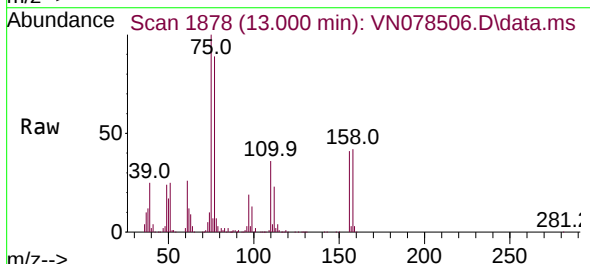
Tgt Ion: 83 Resp: 41898
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
APPROVED

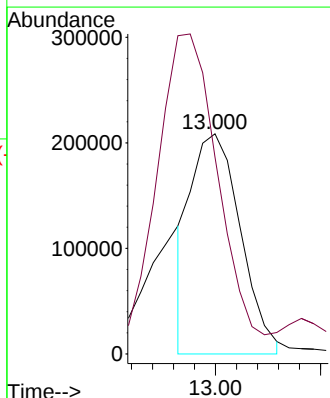
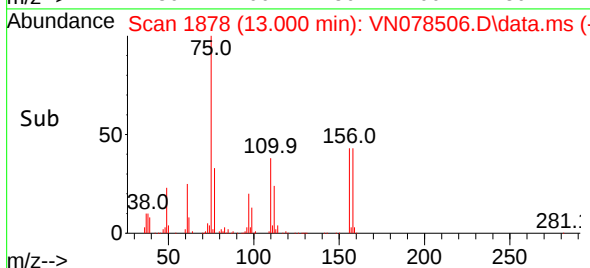
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

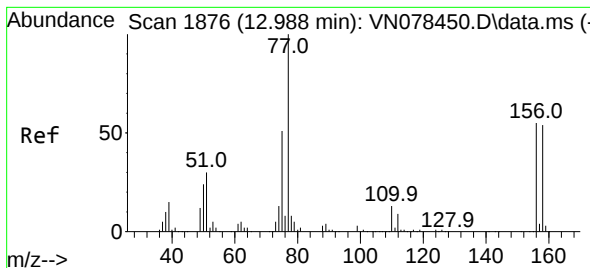


#76
1,2,3-Trichloropropane
Concen: 46.923 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



Tgt Ion: 75 Resp: 342106
Ion Ratio Lower Upper
75 100
77 182.2 84.5 253.5





#77

Bromobenzene

Concen: 48.752 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

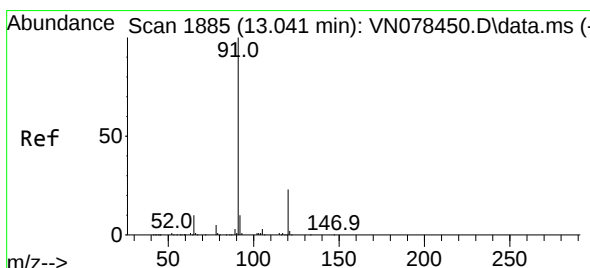
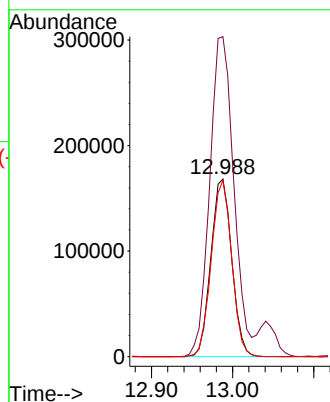
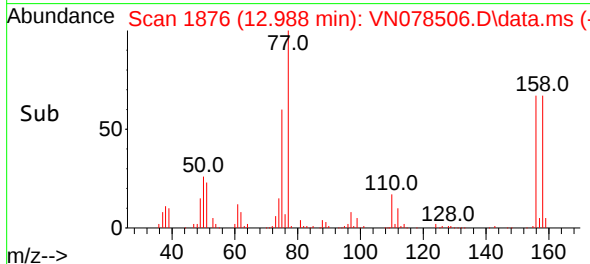
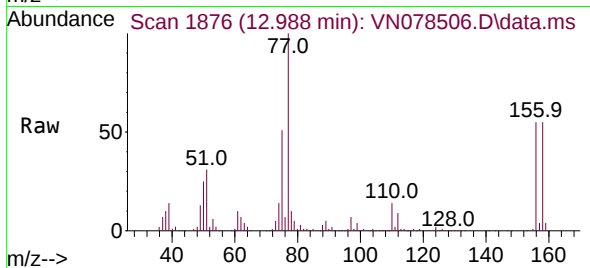
Tgt Ion:156 Resp: 300721
 Ion Ratio Lower Upper
 156 100
 77 207.2 107.7 323.3
 158 97.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#78

n-propylbenzene

Concen: 46.339 ug/l

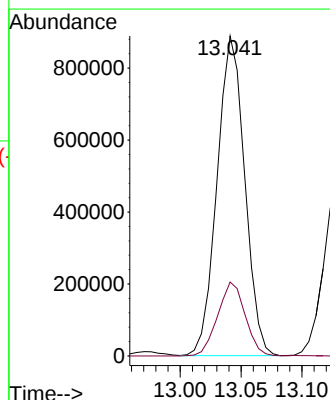
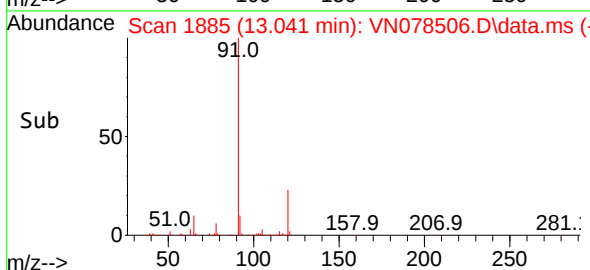
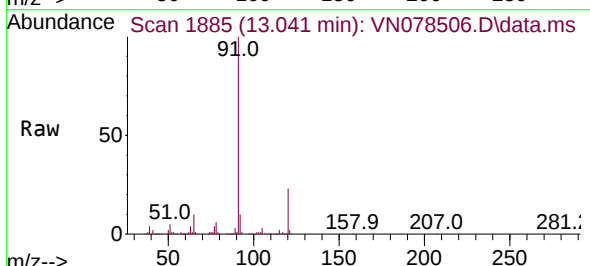
RT: 13.041 min Scan# 1885

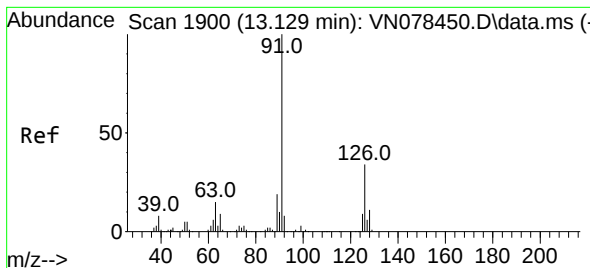
Delta R.T. -0.000 min

Lab File: VN078506.D

Acq: 13 Jul 2023 19:05

Tgt Ion: 91 Resp: 1404583
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





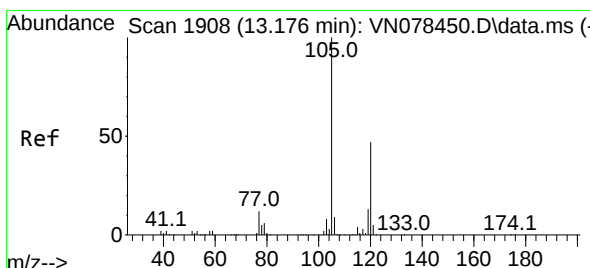
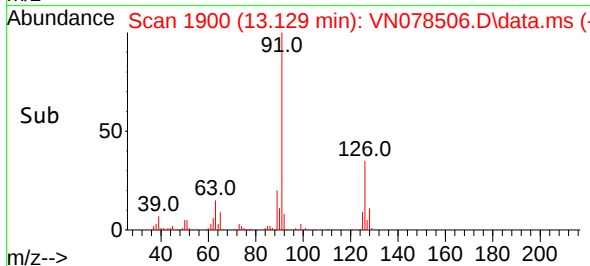
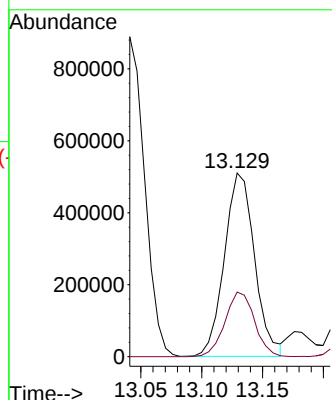
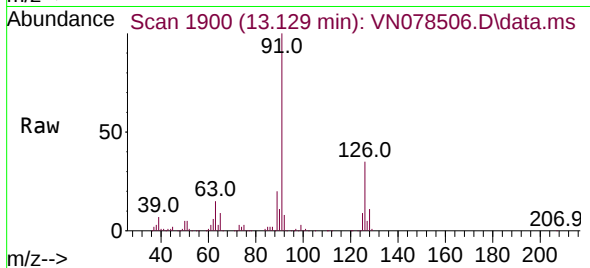
#79
2-Chlorotoluene
Concen: 44.401 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 88155
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

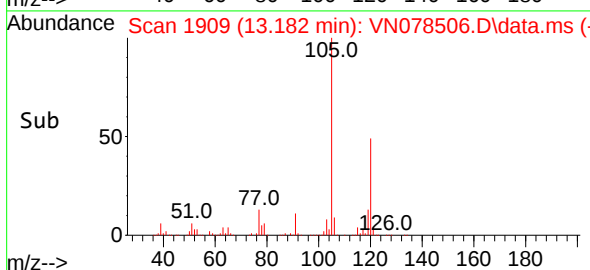
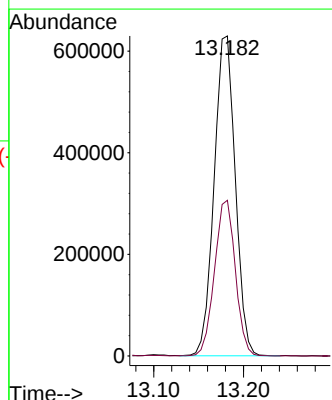
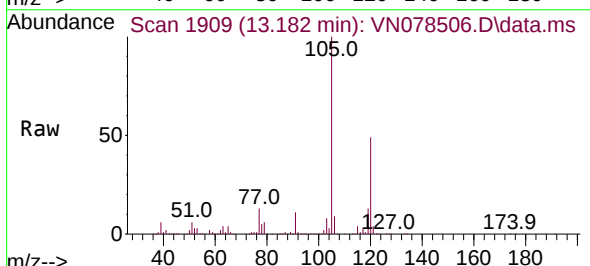
Manual Integrations
APPROVED

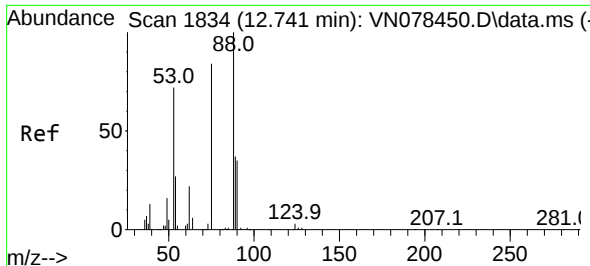
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.018 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

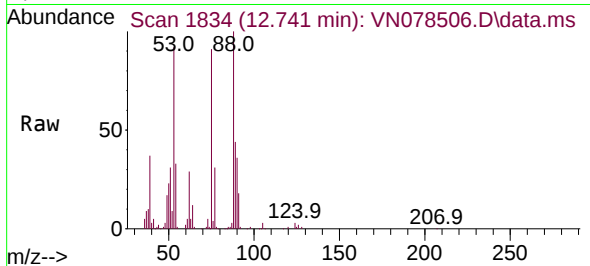
Tgt Ion:105 Resp: 1030549
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.326 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

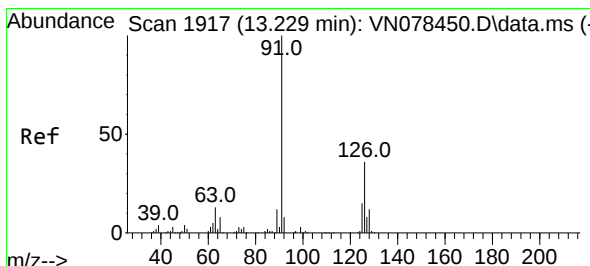
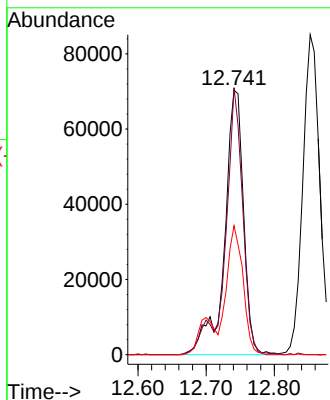
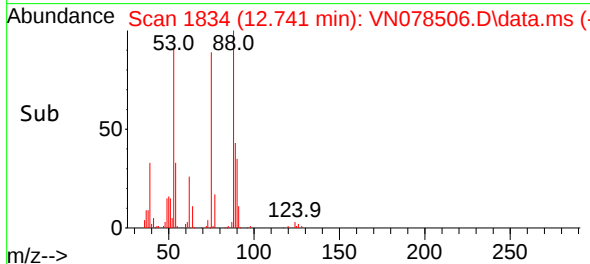
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 13685
Ion Ratio Lower Upper
75 100
53 82.6 67.4 101.2
89 41.5 38.8 58.2

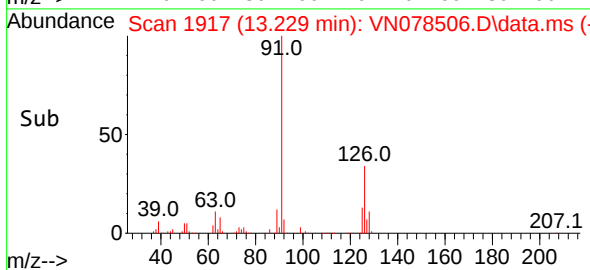
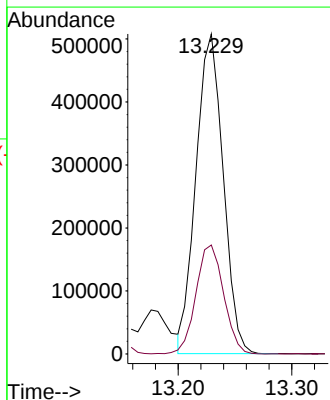
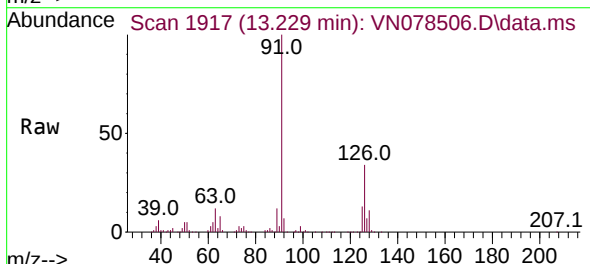
Manual Integrations
APPROVED

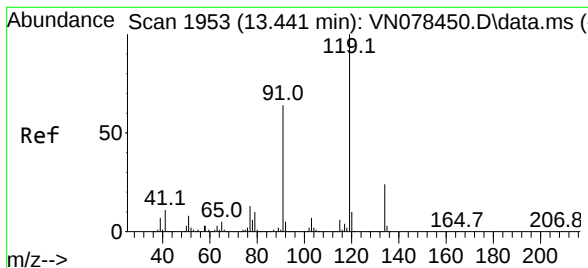
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#82
4-Chlorotoluene
Concen: 45.471 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

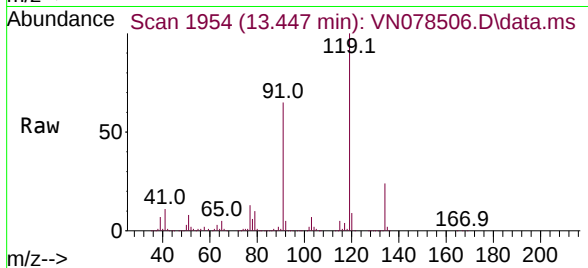
Tgt Ion: 91 Resp: 842180
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.241 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

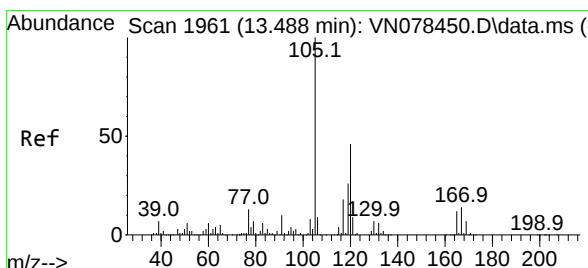
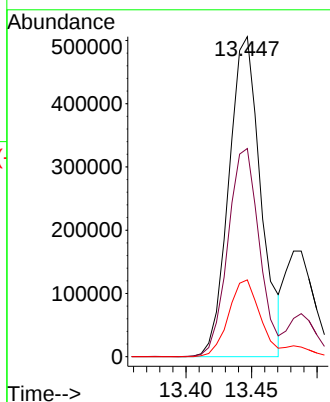
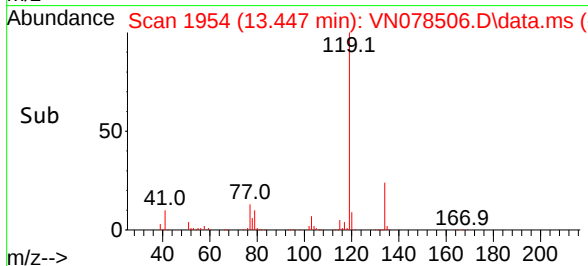
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



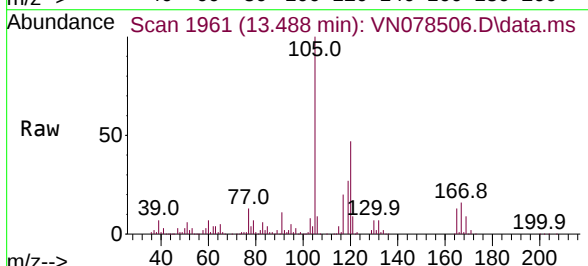
Tgt Ion:119 Resp: 860158
Ion Ratio Lower Upper
119 100
91 64.0 33.9 101.7
134 24.1 13.2 39.6

Manual Integrations
APPROVED

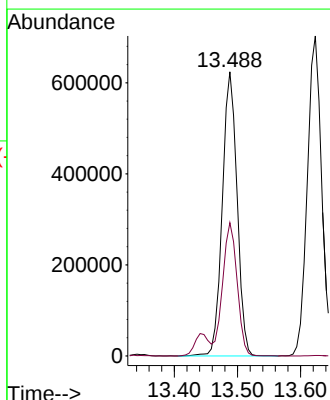
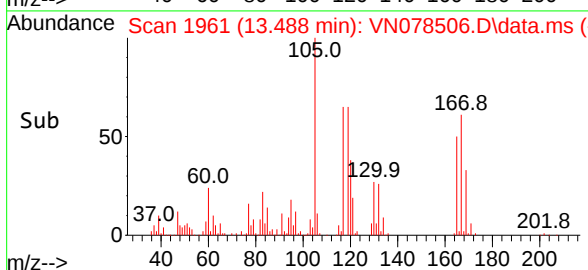
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

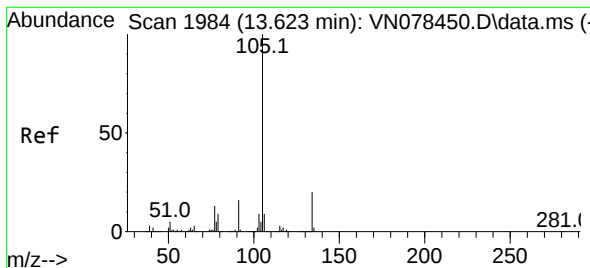


#84
1,2,4-Trimethylbenzene
Concen: 46.631 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05



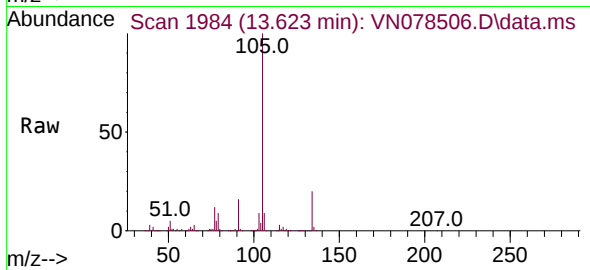
Tgt Ion:105 Resp: 1014337
Ion Ratio Lower Upper
105 100
120 46.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.037 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05

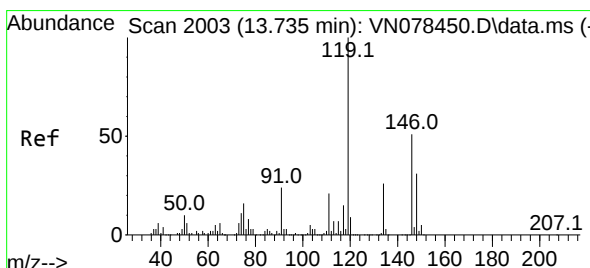
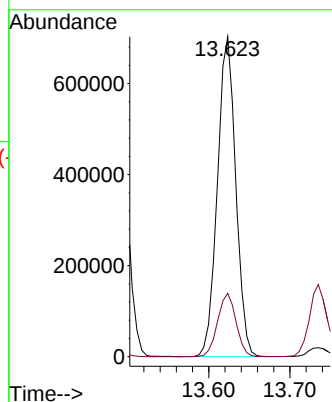
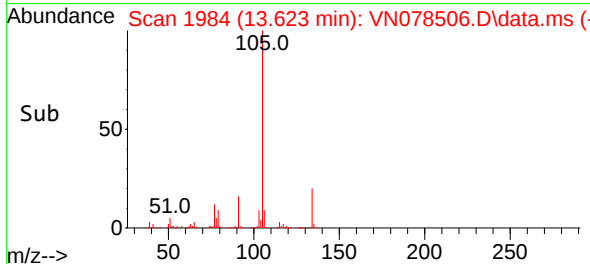
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



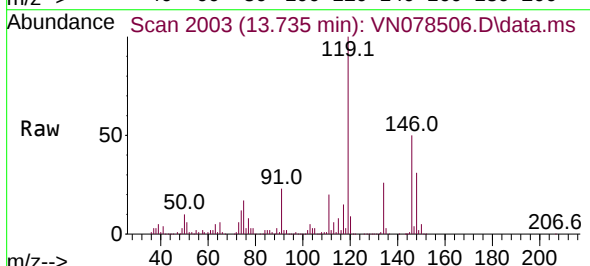
Tgt Ion:105 Resp: 1106362
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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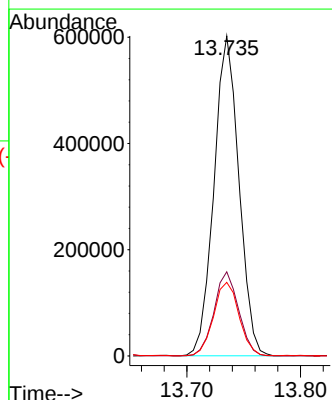
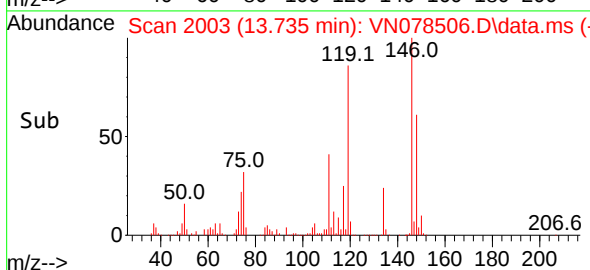
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

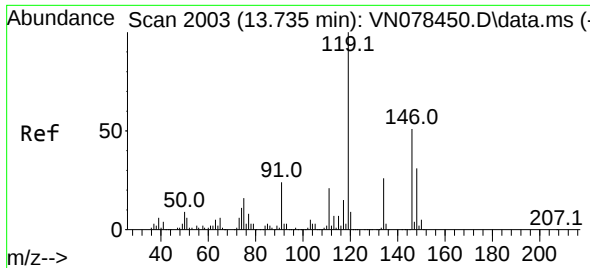


#86
 p-Isopropyltoluene
 Concen: 47.581 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05



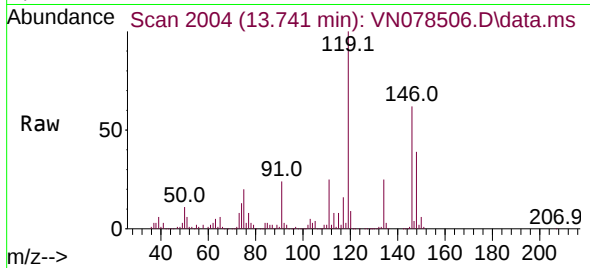
Tgt Ion:119 Resp: 918166
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.073 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

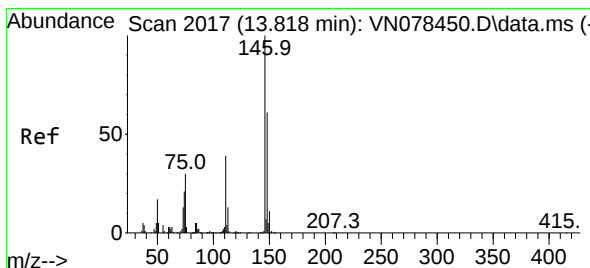
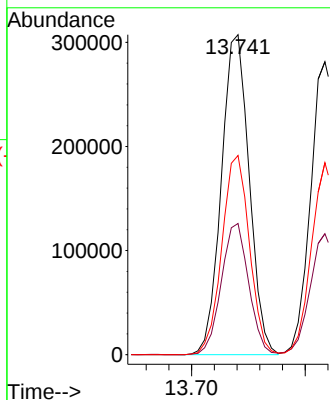
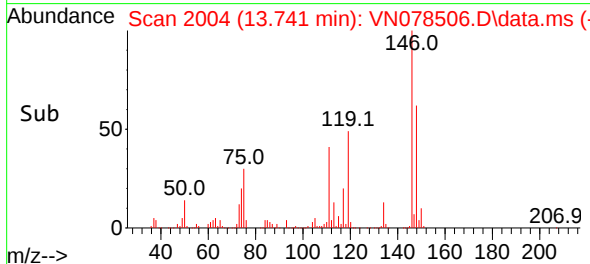
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 523062
Ion Ratio Lower Upper
146 100
111 40.4 22.1 66.3
148 61.7 32.0 96.0

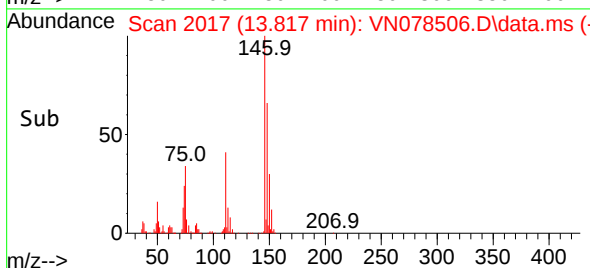
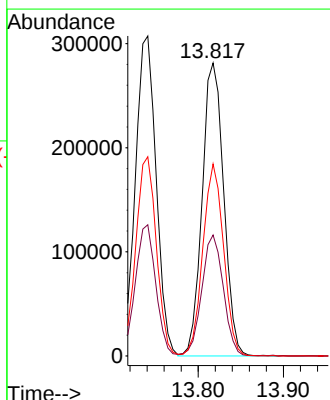
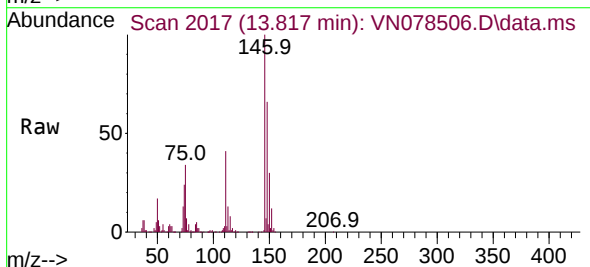
Manual Integrations
APPROVED

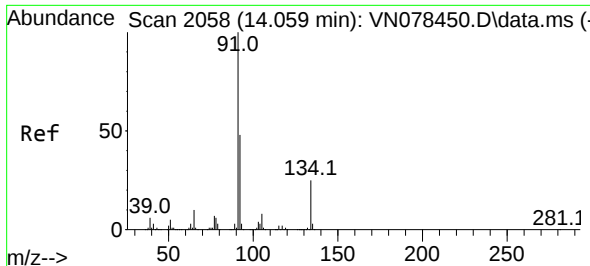
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#88
1,4-Dichlorobenzene
Concen: 45.062 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:146 Resp: 493852
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.2 31.6 94.8





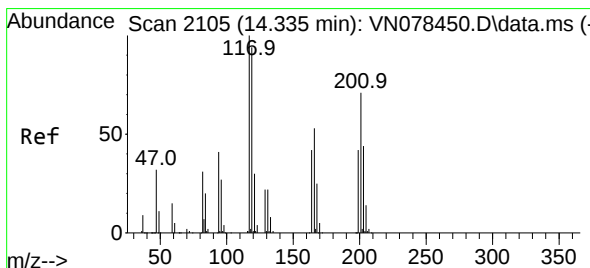
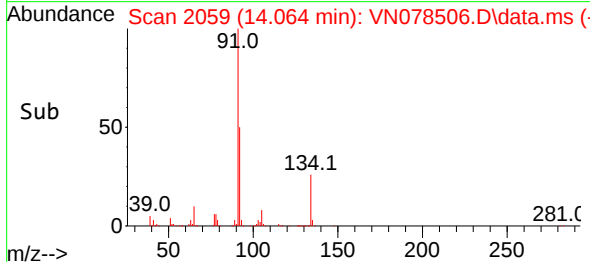
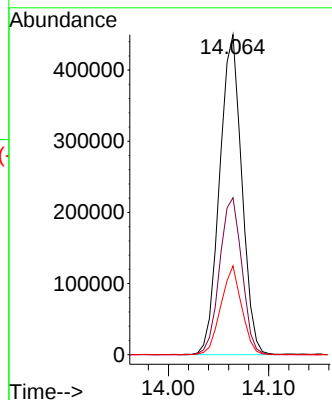
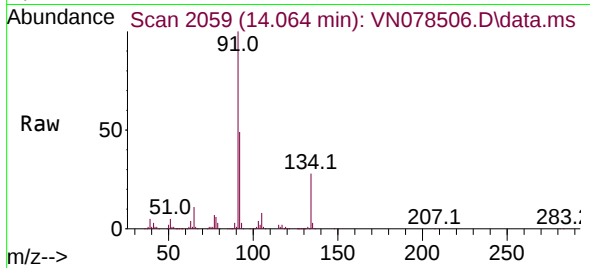
#89
n-Butylbenzene
Concen: 49.997 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 690322
Ion Ratio Lower Upper
91 100
92 49.4 26.4 79.0
134 26.0 12.6 37.6

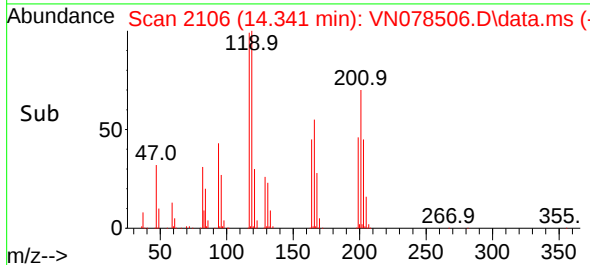
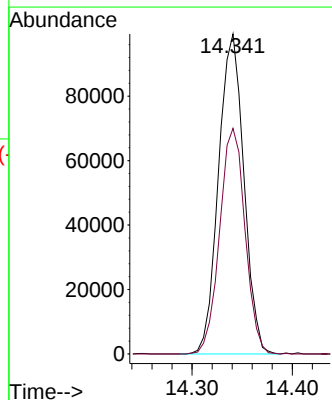
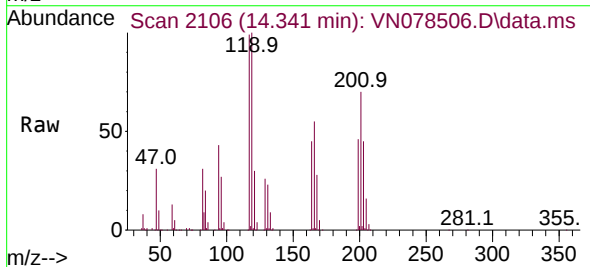
Manual Integrations
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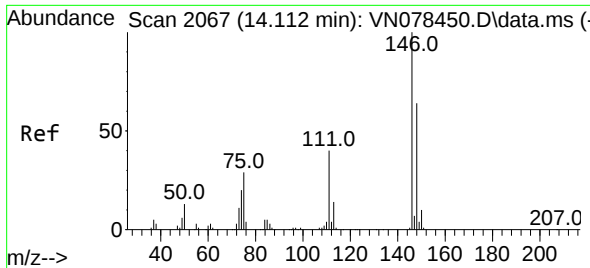
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#90
Hexachloroethane
Concen: 49.044 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

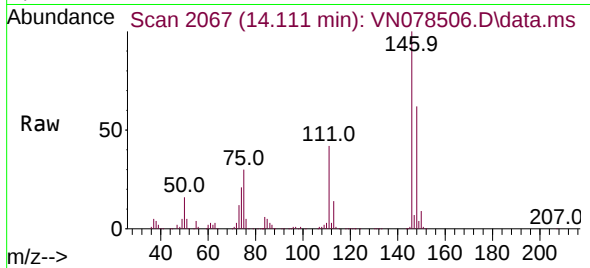
Tgt Ion:117 Resp: 174004
Ion Ratio Lower Upper
117 100
201 70.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 47.200 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

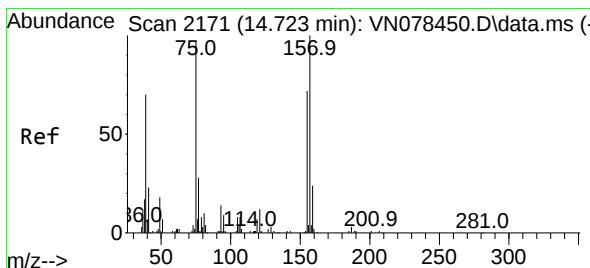
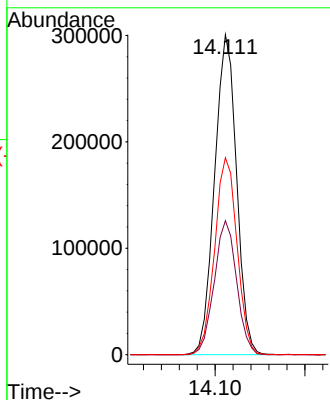
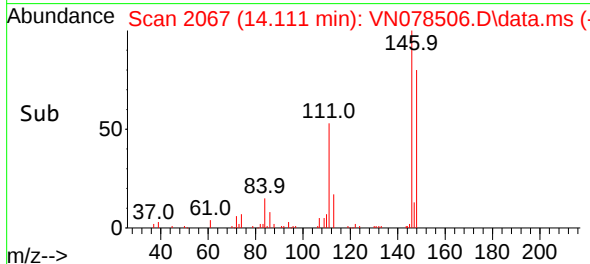
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 51109
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 62.9 31.8 95.3

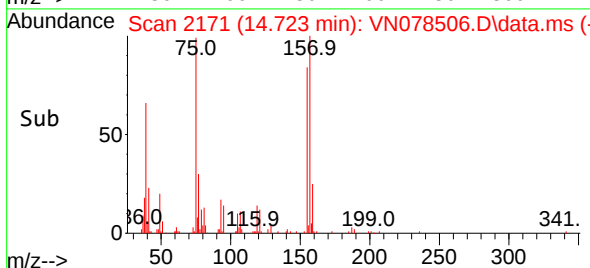
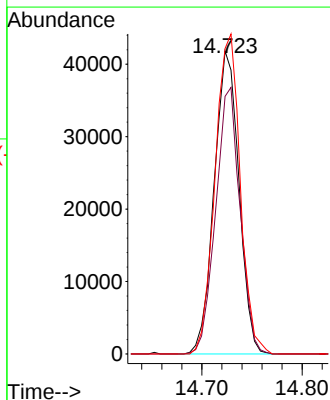
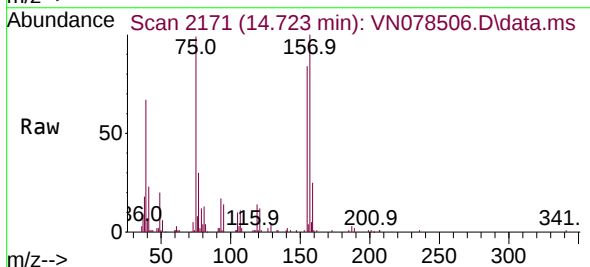
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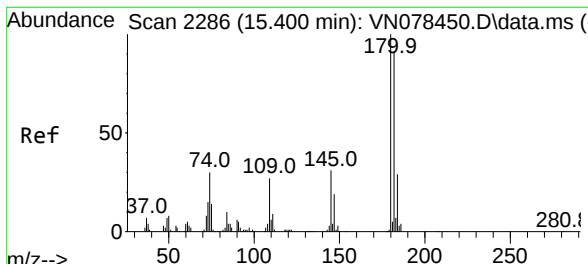
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.852 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 75 Resp: 71564
Ion Ratio Lower Upper
75 100
155 86.9 39.1 117.2
157 107.4 50.3 150.9





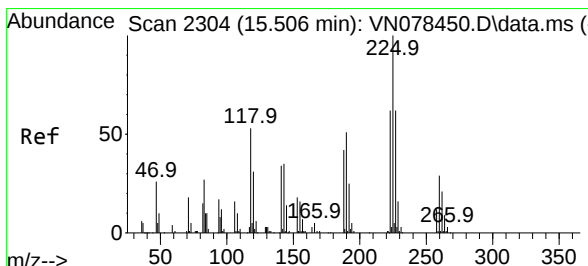
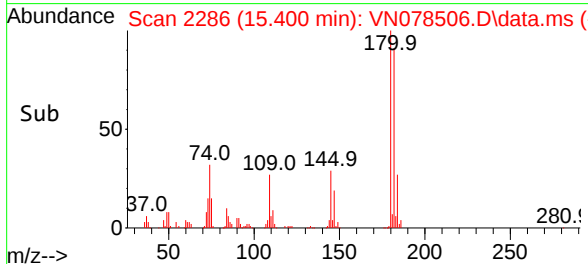
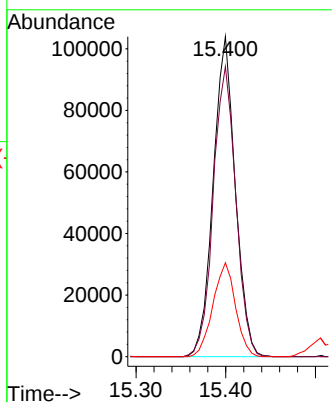
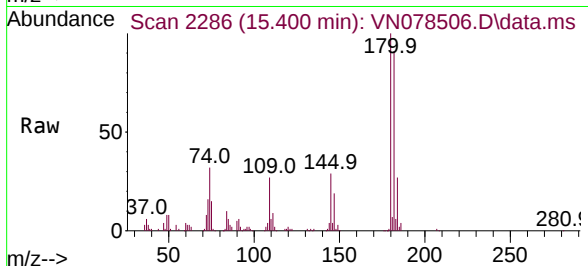
#93
 1,2,4-Trichlorobenzene
 Concen: 51.435 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	180	Resp:	17775
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.1	138.2
145	30.0	16.6	49.8

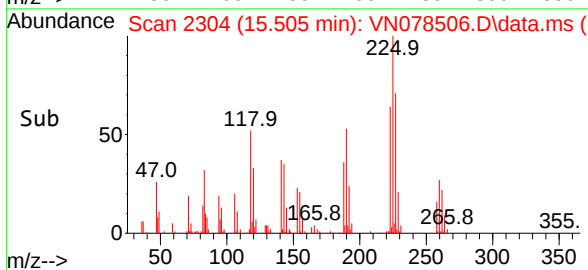
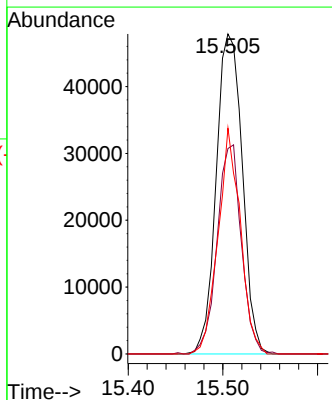
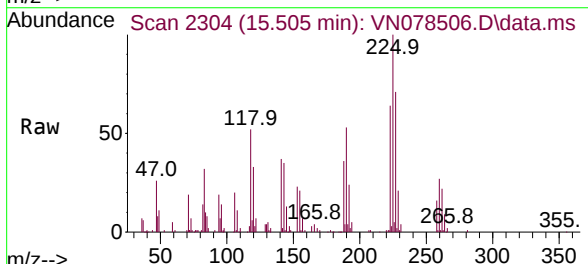
Manual Integrations
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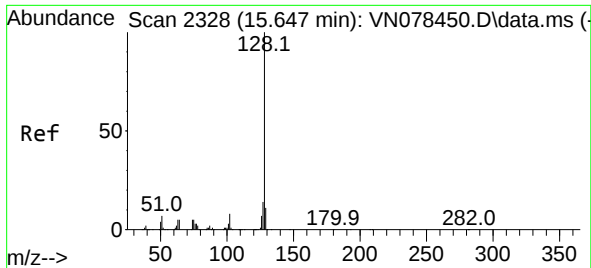
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#94
 Hexachlorobutadiene
 Concen: 51.409 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN078506.D
 Acq: 13 Jul 2023 19:05

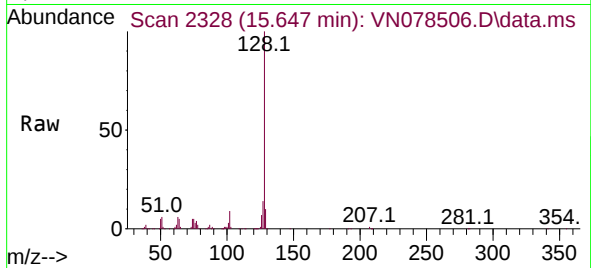
Tgt Ion:	225	Resp:	91698
Ion Ratio	Lower	Upper	
225	100		
223	61.0	31.3	93.8
227	60.3	31.9	95.9





#95
Naphthalene
Concen: 47.475 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

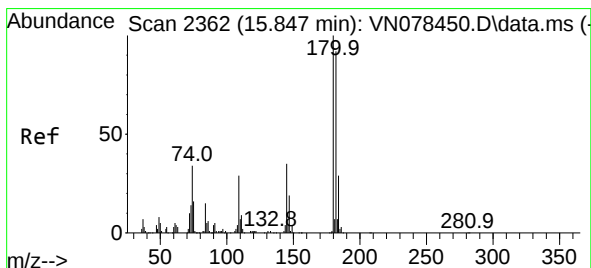
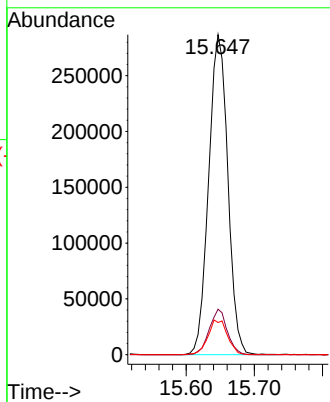
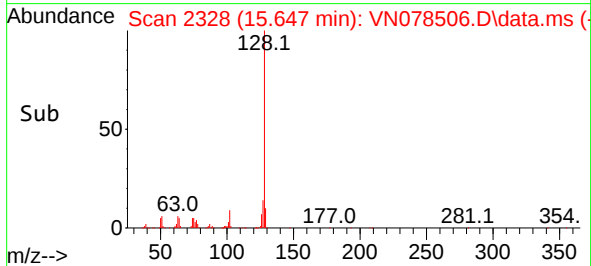
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 56088
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carbone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.145 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078506.D
Acq: 13 Jul 2023 19:05

Tgt Ion:180 Resp: 191314
Ion Ratio Lower Upper
180 100
182 97.6 46.2 138.6
145 34.8 17.5 52.6

