

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078674.D
 Acq On : 27 Jul 2023 21:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 28 01:13:27 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	8.235	168	750992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1279044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1046818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	433311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	541231	53.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.520%			
35) Dibromofluoromethane	8.177	113	455144	52.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.576	98	1601776	48.835	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.660%			
62) 4-Bromofluorobenzene	12.853	95	503034	49.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	492378	53.475	ug/l	97
3) Chloromethane	2.371	50	561639	56.120	ug/l	98
4) Vinyl Chloride	2.518	62	587233	45.360	ug/l	96
5) Bromomethane	2.936	94	345669	41.354	ug/l	98
6) Chloroethane	3.112	64	353015	44.881	ug/l	100
7) Trichlorofluoromethane	3.494	101	818418	52.884	ug/l	99
8) Diethyl Ether	3.971	74	286113	55.491	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	424709	51.843	ug/l	96
10) Methyl Iodide	4.594	142	614088	54.550	ug/l	99
11) Tert butyl alcohol	5.541	59	484964	312.378	ug/l	99
12) 1,1-Dichloroethene	4.347	96	420126	53.017	ug/l	89
13) Acrolein	4.189	56	489276	320.324	ug/l	98
14) Allyl chloride	5.030	41	608528	56.199	ug/l	94
15) Acrylonitrile	5.730	53	1206742	307.642	ug/l	99
16) Acetone	4.441	43	957868	305.429	ug/l	96
17) Carbon Disulfide	4.718	76	1151557	50.255	ug/l	99
18) Methyl Acetate	5.036	43	826513	62.257	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	1485562	56.898	ug/l	98
20) Methylene Chloride	5.288	84	510140	56.878	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	474656	53.154	ug/l #	84
22) Diisopropyl ether	6.683	45	1462287	60.311	ug/l #	90
23) Vinyl Acetate	6.618	43	4687598	304.115	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	903144	55.280	ug/l	97
25) 2-Butanone	7.494	43	1579674	319.986	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	566857	42.422	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	552808	53.514	ug/l	92
28) Bromochloromethane	7.824	49	386684	50.251	ug/l	89
29) Tetrahydrofuran	7.847	42	1024242	316.192	ug/l #	82
30) Chloroform	7.971	83	945887	55.611	ug/l	93
31) Cyclohexane	8.265	56	720427	52.948	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	839990	55.082	ug/l	97
36) 1,1-Dichloropropene	8.377	75	683314	54.505	ug/l	96
37) Ethyl Acetate	7.577	43	631454	60.421	ug/l	95
38) Carbon Tetrachloride	8.371	117	744160	54.615	ug/l	98
39) Methylcyclohexane	9.606	83	650399	56.836	ug/l	89
40) Benzene	8.612	78	2084702	56.129	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	353793	66.406	ug/l	87
42) 1,2-Dichloroethane	8.677	62	713700	56.494	ug/l	98
43) Isopropyl Acetate	8.694	43	1347148	78.295	ug/l #	85
44) Trichloroethene	9.359	130	510534	51.001	ug/l	97
45) 1,2-Dichloropropane	9.629	63	532948	56.655	ug/l	98
46) Dibromomethane	9.718	93	363478	54.899	ug/l	93
47) Bromodichloromethane	9.894	83	738554	55.648	ug/l	98
48) Methyl methacrylate	9.688	41	498681	62.559	ug/l	85
49) 1,4-Dioxane	9.700	88	207285	1192.380	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	3232190	315.817	ug/l	93
52) Toluene	10.635	92	1266821	55.033	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	755009	55.529	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	822976	56.783	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	504176	55.590	ug/l	97
56) Ethyl methacrylate	10.882	69	780532	61.565	ug/l #	87
57) 1,3-Dichloropropane	11.170	76	857858	55.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	1226811	271.530	ug/l	91
59) 2-Hexanone	11.200	43	2325206	319.673	ug/l	93
60) Dibromochloromethane	11.365	129	541931	54.125	ug/l	99
61) 1,2-Dibromoethane	11.476	107	506690	54.233	ug/l	97
64) Tetrachloroethene	11.112	164	418467	53.171	ug/l	97
65) Chlorobenzene	11.900	112	1240879	53.032	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	482245	53.574	ug/l	98
67) Ethyl Benzene	11.970	91	2228147	56.335	ug/l	96
68) m/p-Xylenes	12.076	106	1661166	113.596	ug/l	96
69) o-Xylene	12.406	106	798291	54.046	ug/l	93
70) Styrene	12.417	104	1307014	56.561	ug/l	97
71) Bromoform	12.588	173	344548	56.517	ug/l #	99
73) Isopropylbenzene	12.700	105	1993336	48.957	ug/l	100
74) N-amyl acetate	12.500	43	765940	54.588	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	655273	58.124	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	543038m	51.848	ug/l	
77) Bromobenzene	12.988	156	473965	53.642	ug/l	99
78) n-propylbenzene	13.041	91	2218906	50.959	ug/l	99
79) 2-Chlorotoluene	13.129	91	1436488	50.365	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1666800	51.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	193384	48.520	ug/l #	82
82) 4-Chlorotoluene	13.223	91	1373662	51.628	ug/l	99
83) tert-Butylbenzene	13.447	119	1349608	49.413	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1592253	50.955	ug/l	100
85) sec-Butylbenzene	13.623	105	1717221	49.741	ug/l	99
86) p-Isopropyltoluene	13.735	119	1411754	50.927	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	769676	49.242	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	749769	47.623	ug/l	100
89) n-Butylbenzene	14.064	91	1053199	53.099	ug/l	98
90) Hexachloroethane	14.341	117	265868	52.217	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	735442	47.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	78294	39.775	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	180903	36.439	ug/l	97
94) Hexachlorobutadiene	15.505	225	115706	44.607	ug/l	99
95) Naphthalene	15.647	128	542270	31.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	199155	34.888	ug/l	94

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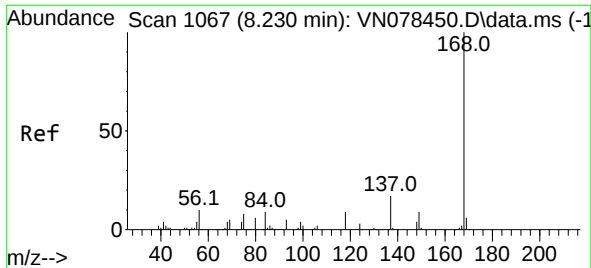
Manual Integrations
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QLast Update : Mon Jul 10 16:13:53 2023
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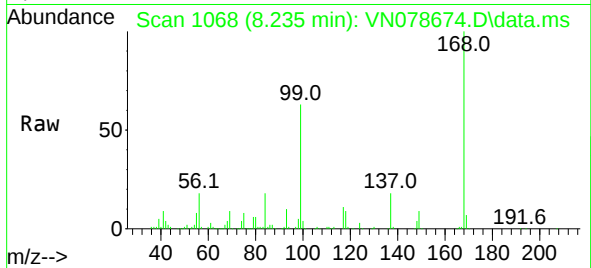
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

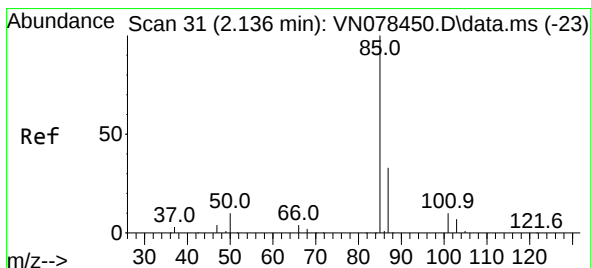
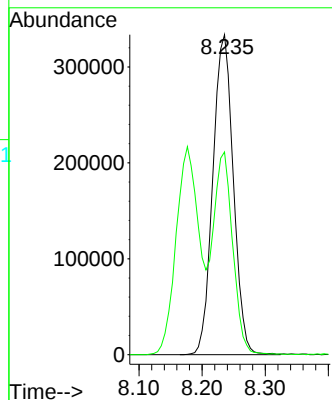
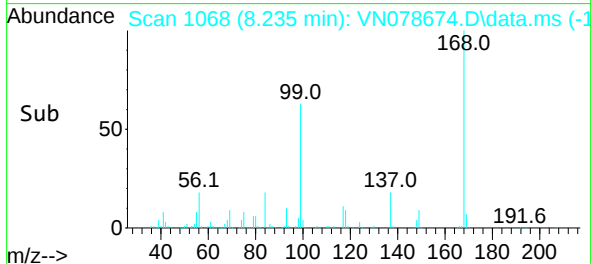
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 750992
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6

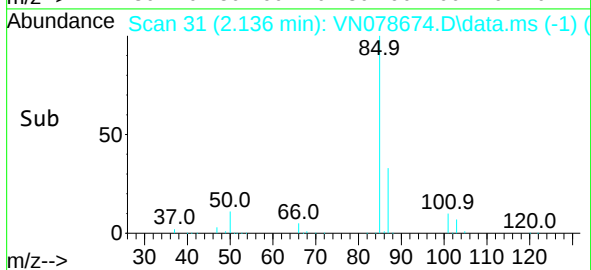
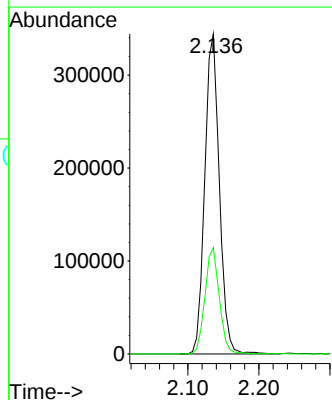
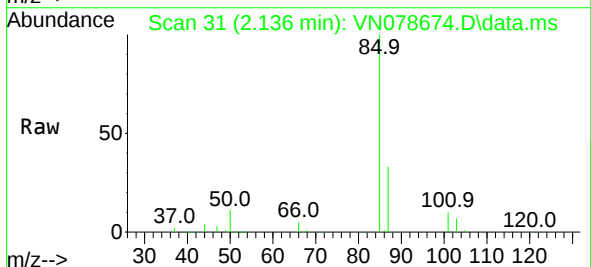
Manual Integrations
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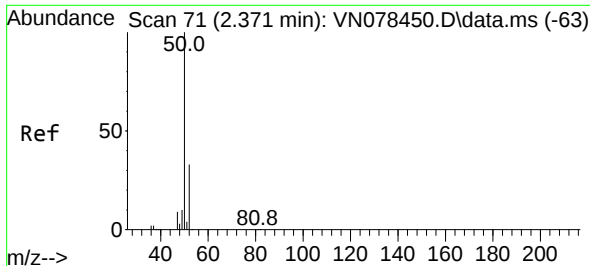
Reviewed By :John Carlone 07/28/2023
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#2
Dichlorodifluoromethane
Concen: 53.475 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

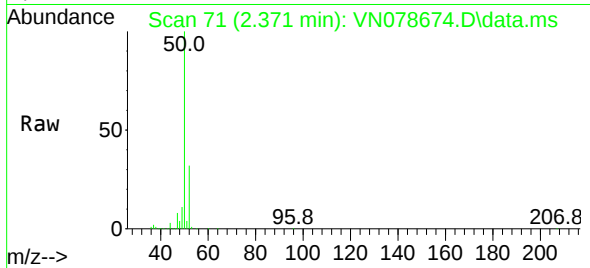
Tgt Ion: 85 Resp: 492378
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 56.120 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

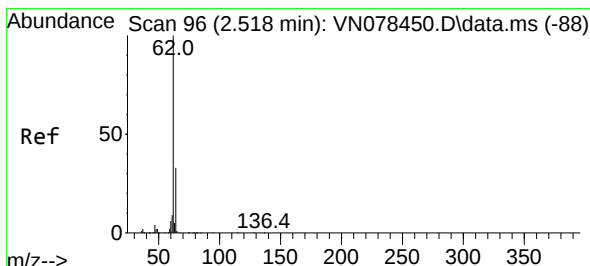
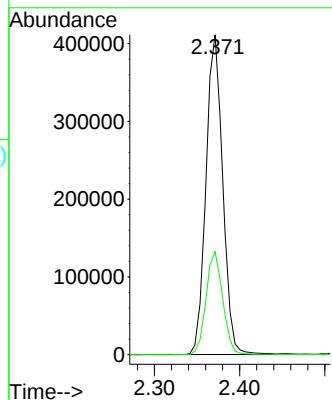
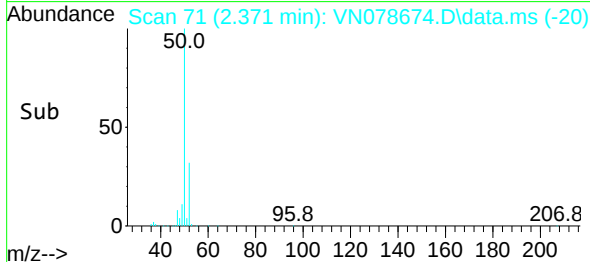
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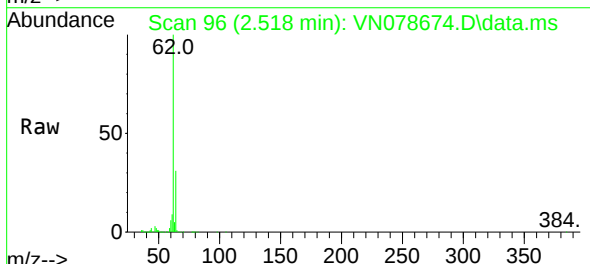
Tgt Ion: 50 Resp: 561639
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

Manual Integrations
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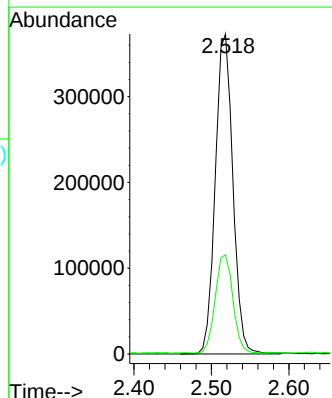
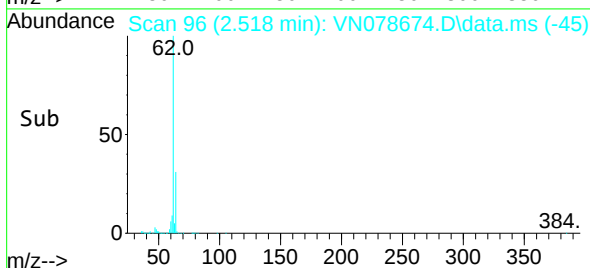
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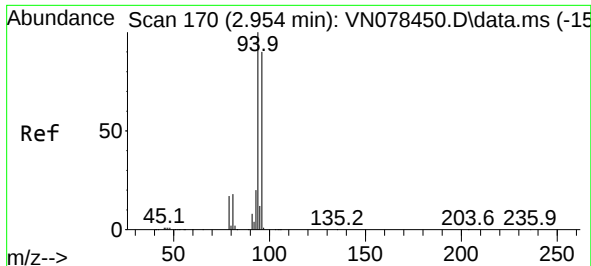


#4
Vinyl Chloride
Concen: 45.360 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



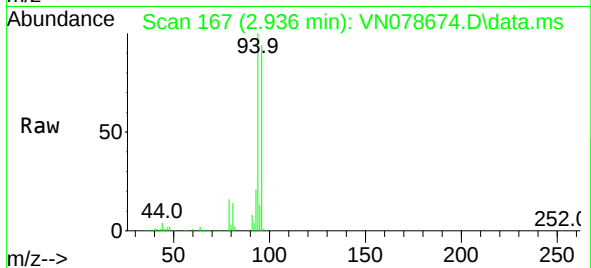
Tgt Ion: 62 Resp: 587233
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2





#5
Bromomethane
Concen: 41.354 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

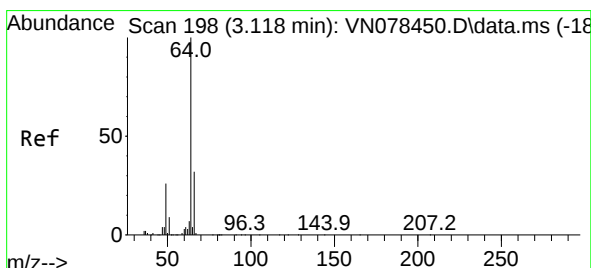
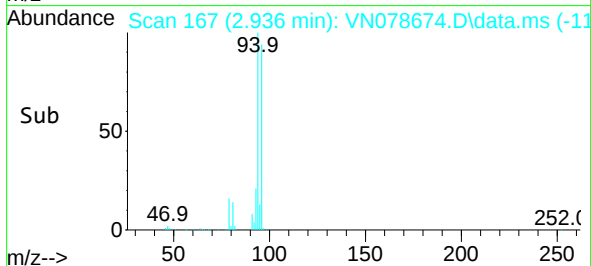
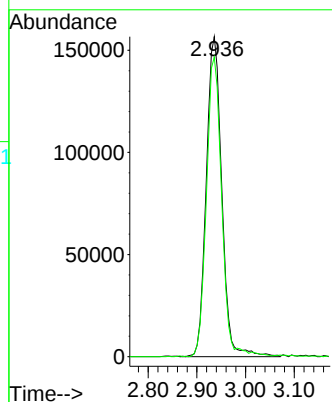
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Tgt Ion: 94 Resp: 345669
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7

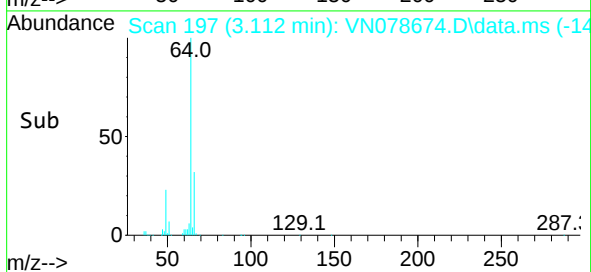
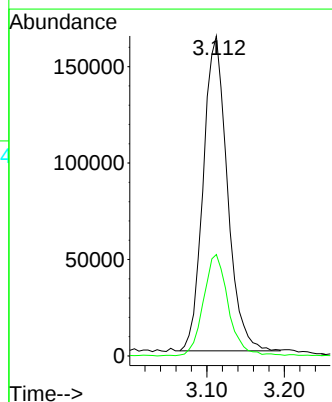
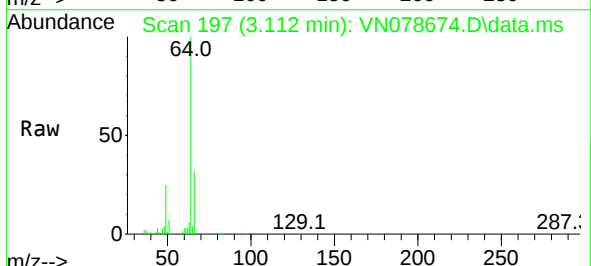
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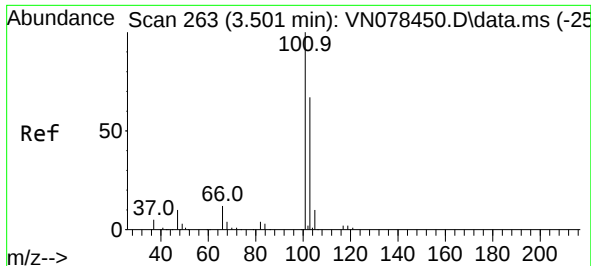
Reviewed By :John Carlone 07/28/2023
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#6
Chloroethane
Concen: 44.881 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion: 64 Resp: 353015
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2





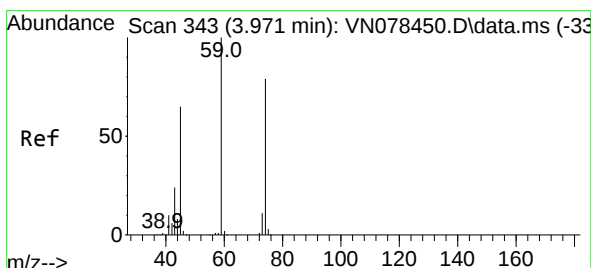
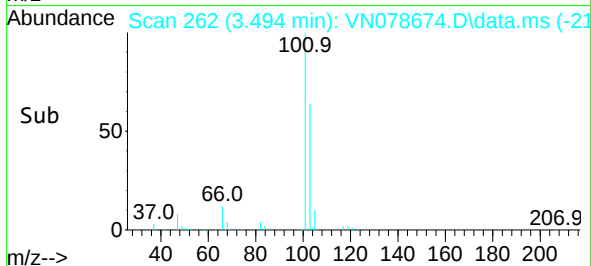
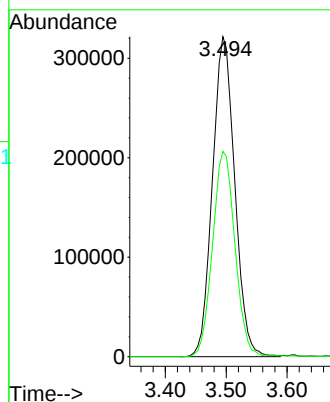
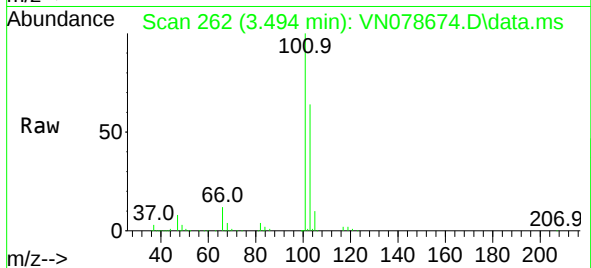
#7
Trichlorofluoromethane
Concen: 52.884 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.007 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 818418
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

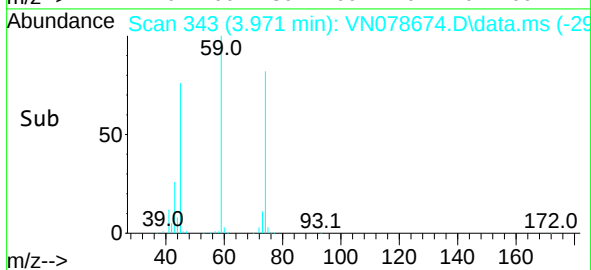
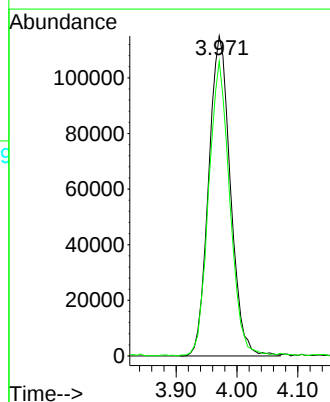
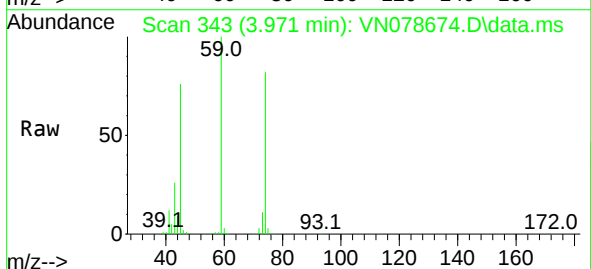
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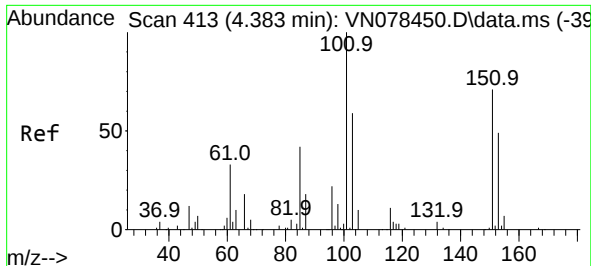
Reviewed By :John Carlone 07/28/2023
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#8
Diethyl Ether
Concen: 55.491 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion: 74 Resp: 286113
Ion Ratio Lower Upper
74 100
45 89.4 34.4 103.3





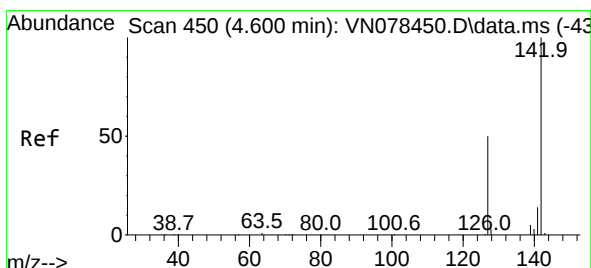
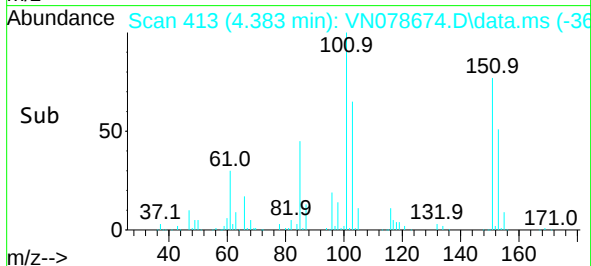
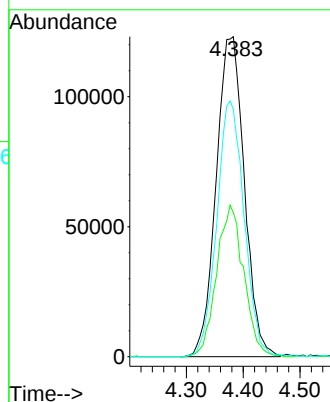
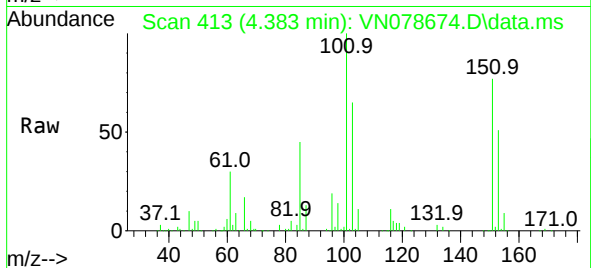
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.843 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 424709
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 77.7 57.6 86.4

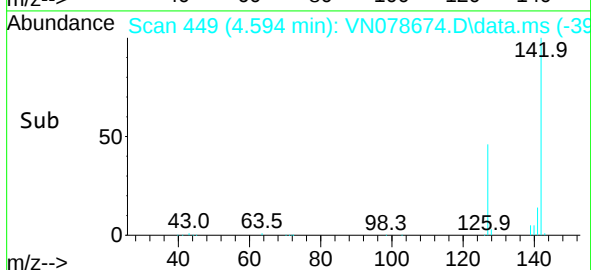
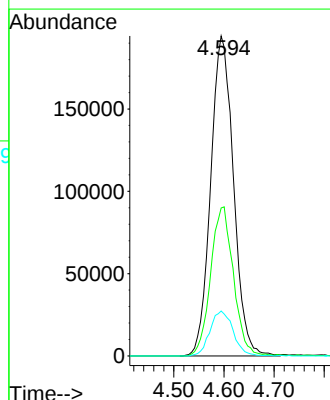
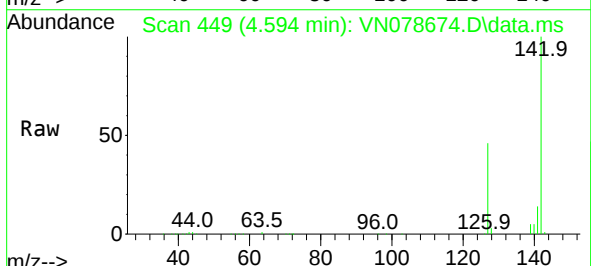
Manual Integrations
APPROVED

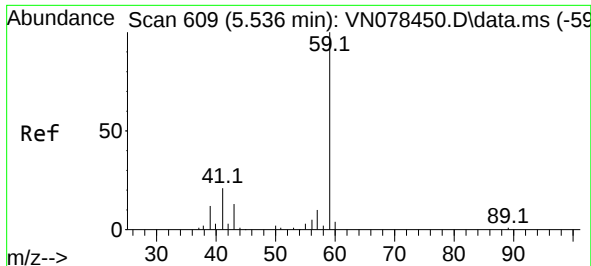
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Methyl Iodide
Concen: 54.550 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion:142 Resp: 614088
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.0 11.4 17.0





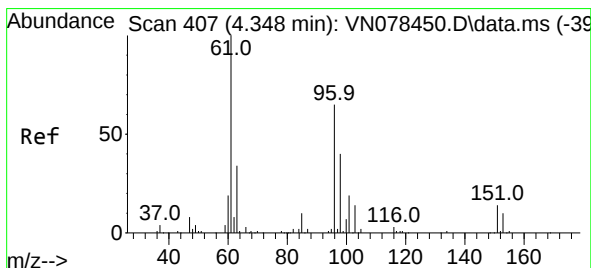
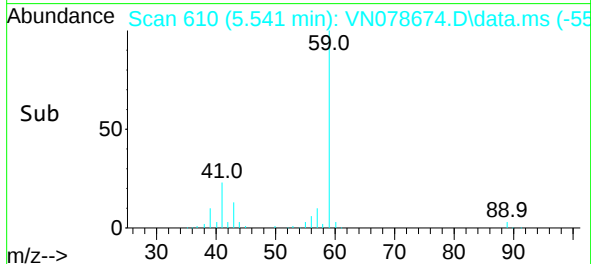
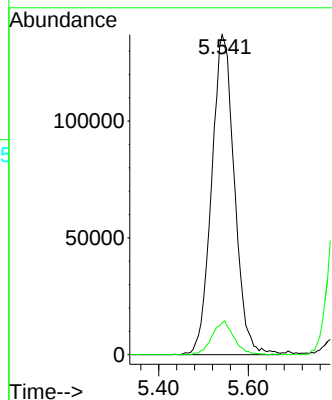
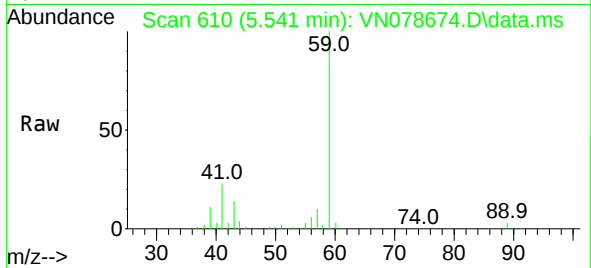
#11
Tert butyl alcohol
Concen: 312.378 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 484964
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

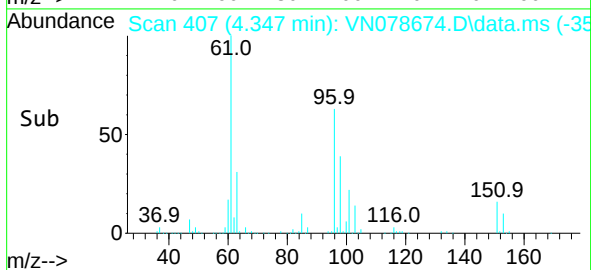
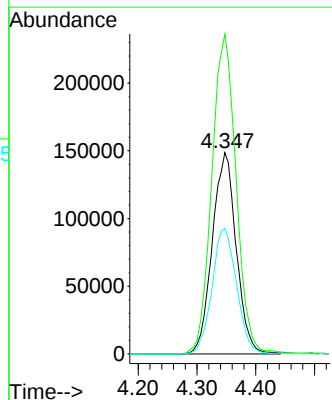
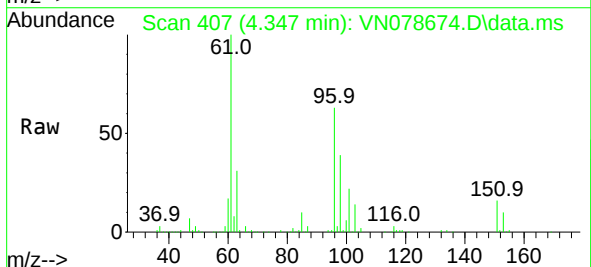
Manual Integrations
APPROVED

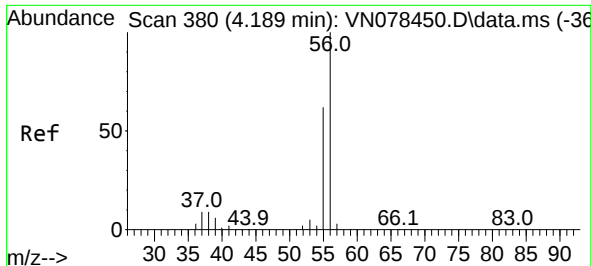
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#12
1,1-Dichloroethene
Concen: 53.017 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

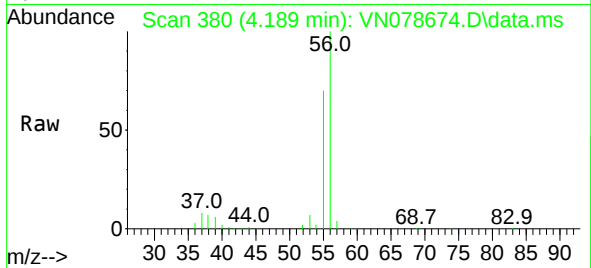
Tgt Ion: 96 Resp: 420126
Ion Ratio Lower Upper
96 100
61 158.6 112.7 169.1
98 62.3 51.2 76.8





#13
Acrolein
Concen: 320.324 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

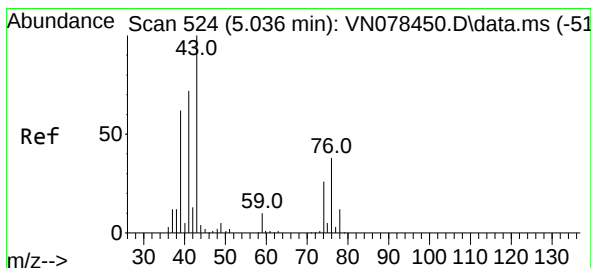
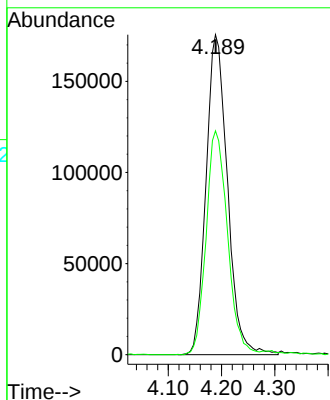
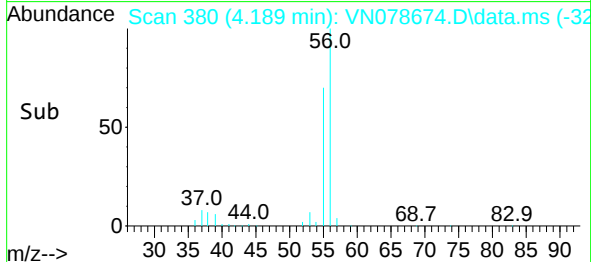
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 489270
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7

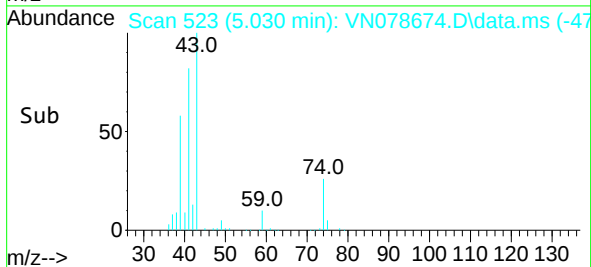
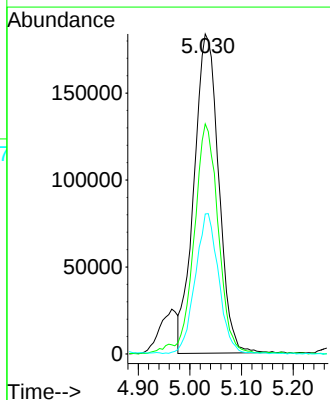
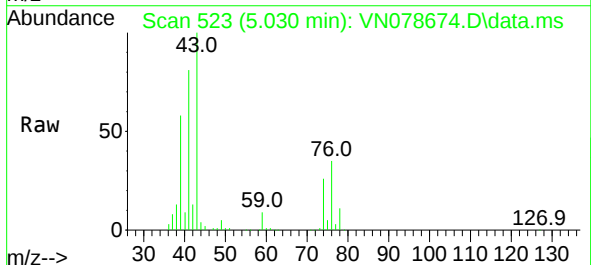
Manual Integrations
APPROVED

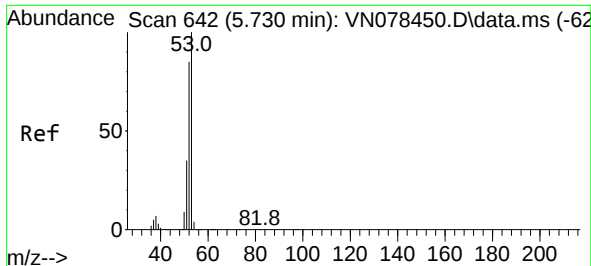
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#14
Allyl chloride
Concen: 56.199 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

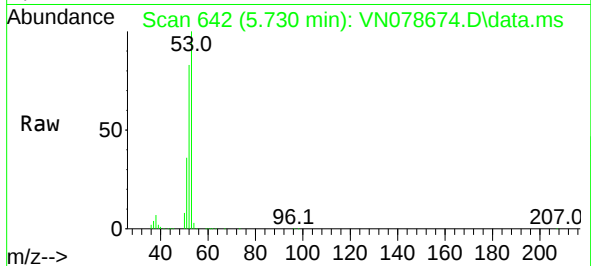
Tgt Ion: 41 Resp: 608528
Ion Ratio Lower Upper
41 100
39 71.3 58.8 88.2
76 41.8 39.1 58.7





#15
Acrylonitrile
Concen: 307.642 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

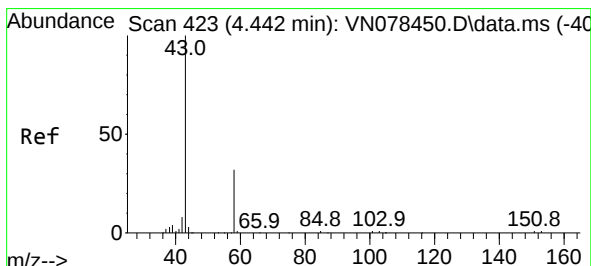
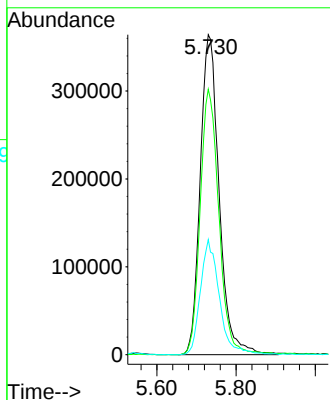
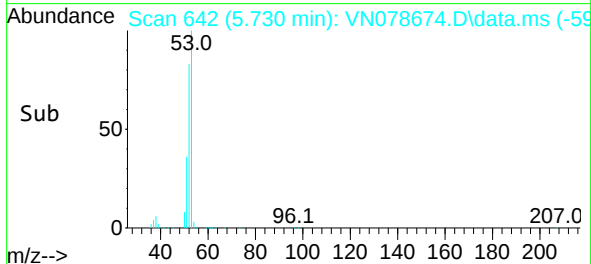
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



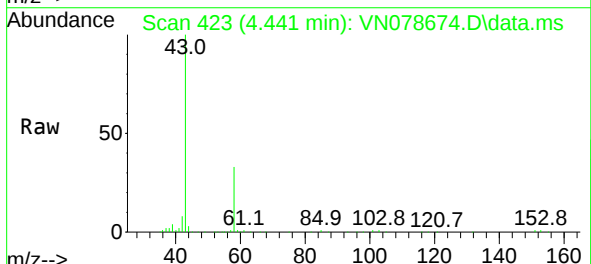
Tgt Ion: 53 Resp: 120674
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.0 28.9 43.3

Manual Integrations
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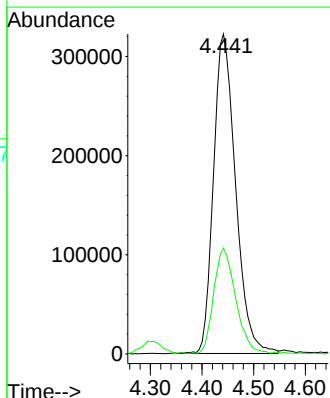
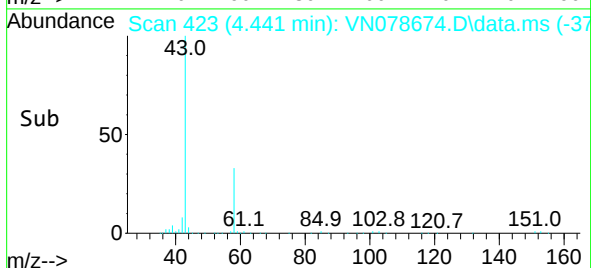
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

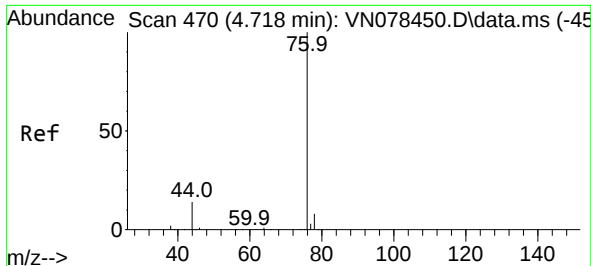


#16
Acetone
Concen: 305.429 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



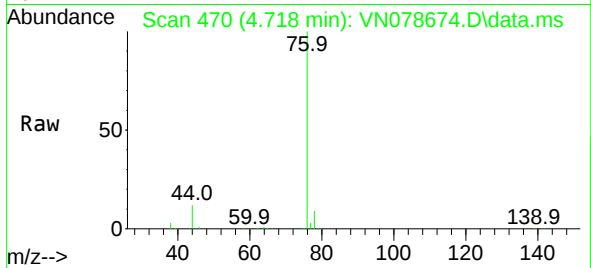
Tgt Ion: 43 Resp: 957868
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0





#17
Carbon Disulfide
Concen: 50.255 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

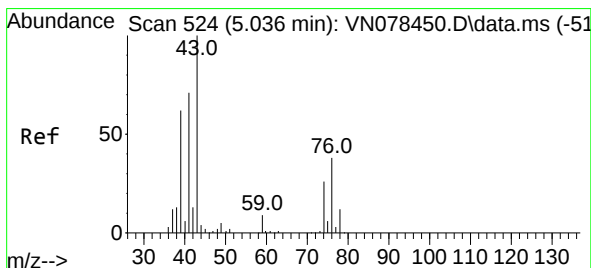
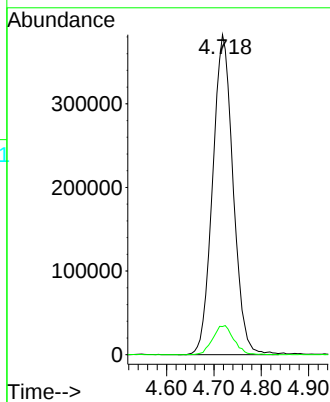
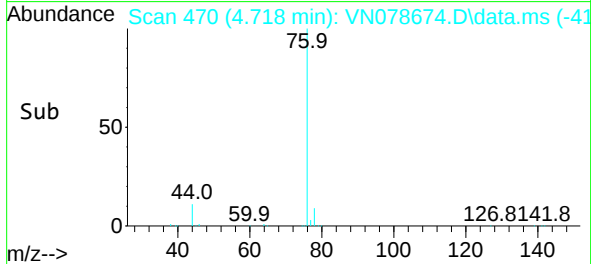
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 115155
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

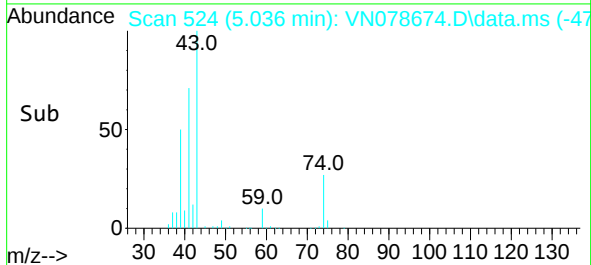
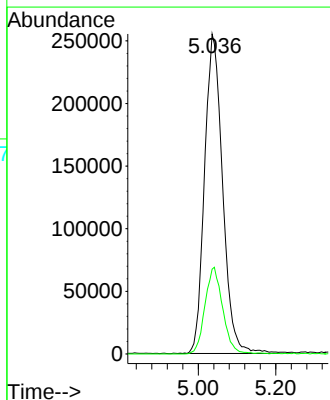
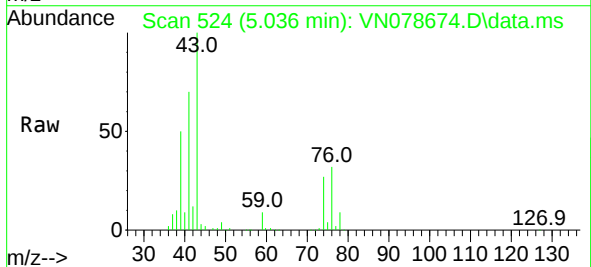
Manual Integrations
APPROVED

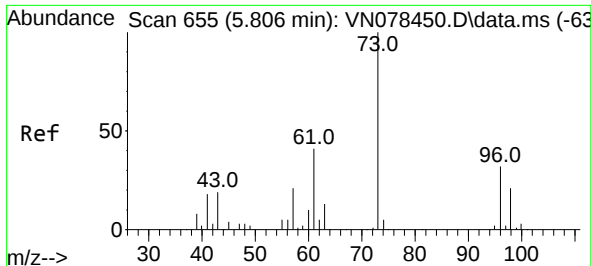
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#18
Methyl Acetate
Concen: 62.257 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

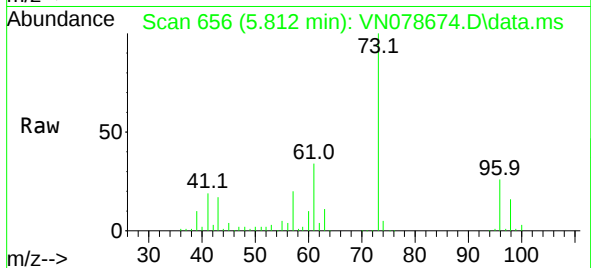
Tgt Ion: 43 Resp: 826513
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 56.898 ug/l
RT: 5.812 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

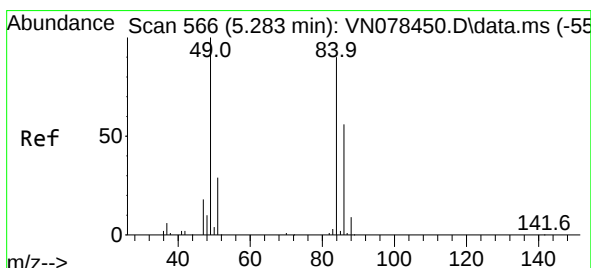
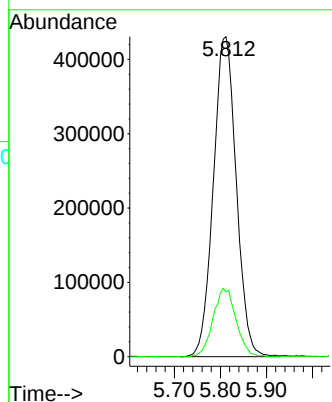
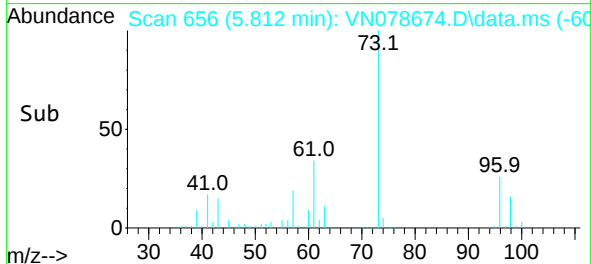
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 148556
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

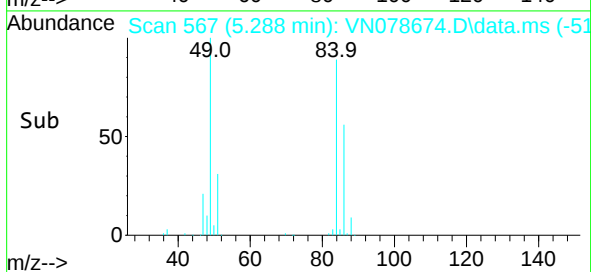
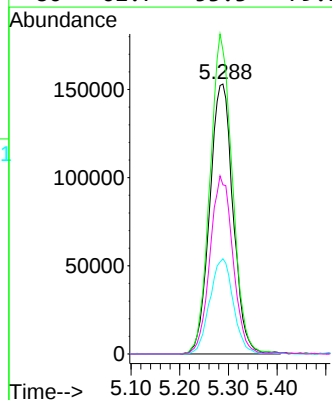
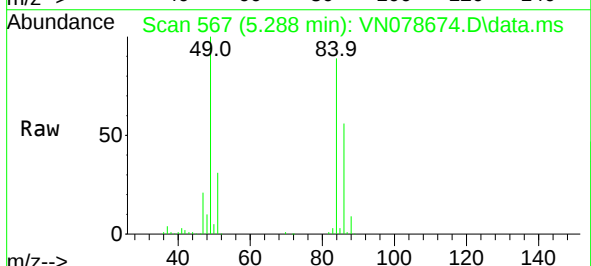
Manual Integrations
APPROVED

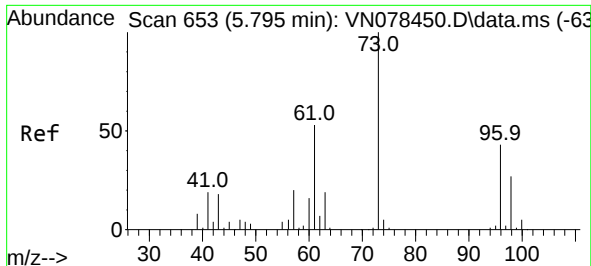
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#20
Methylene Chloride
Concen: 56.878 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

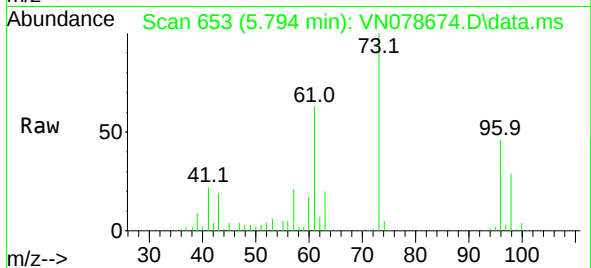
Tgt Ion: 84 Resp: 510140
Ion Ratio Lower Upper
84 100
49 112.5 79.7 119.5
51 35.3 25.2 37.8
86 62.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.154 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

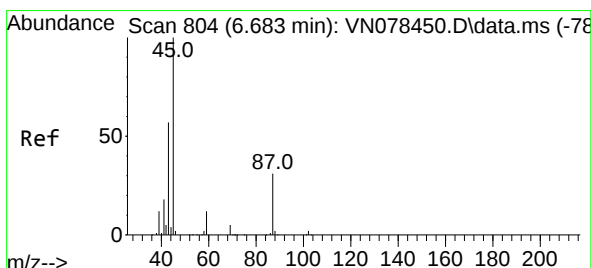
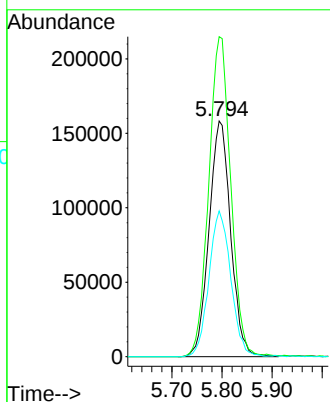
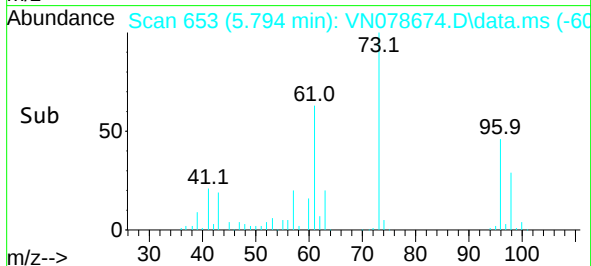
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 474650
Ion Ratio Lower Upper
96 100
61 135.8 90.1 135.1
98 61.9 46.4 69.6

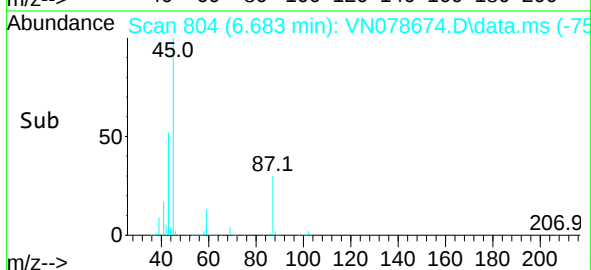
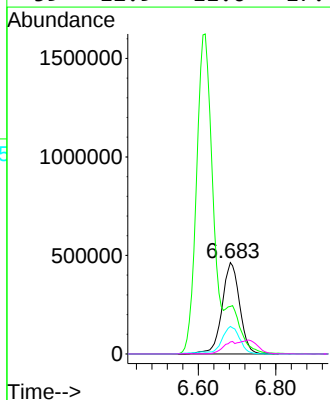
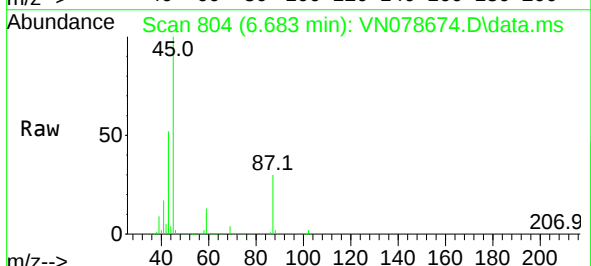
Manual Integrations
APPROVED

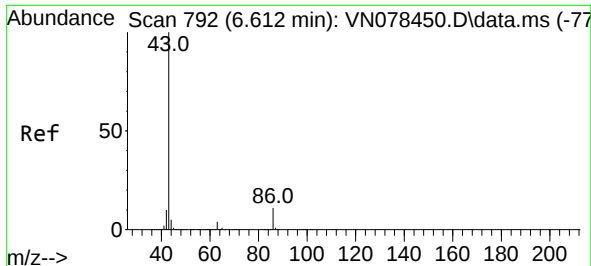
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#22
Diisopropyl ether
Concen: 60.311 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

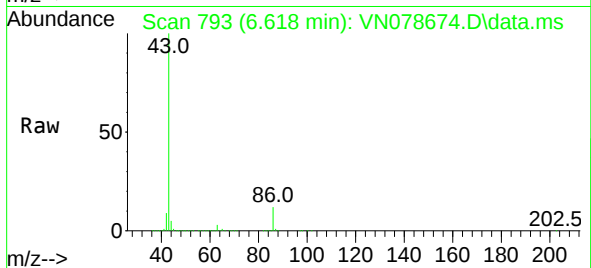
Tgt Ion: 45 Resp: 1462287
Ion Ratio Lower Upper
45 100
43 51.8 45.5 68.3
87 30.0 31.8 47.8#
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 304.115 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078674.D
 Acq: 27 Jul 2023 21:00

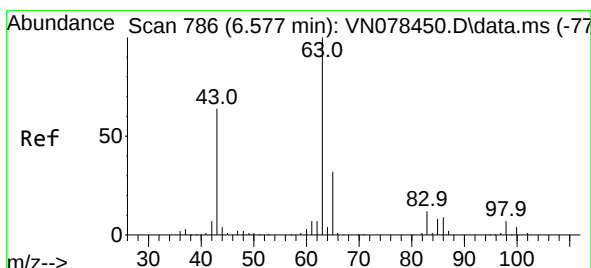
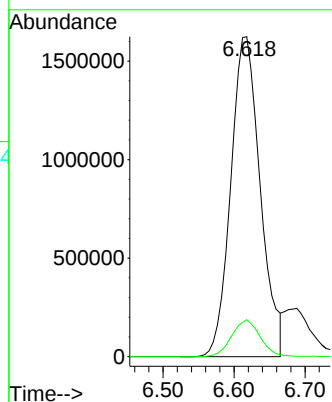
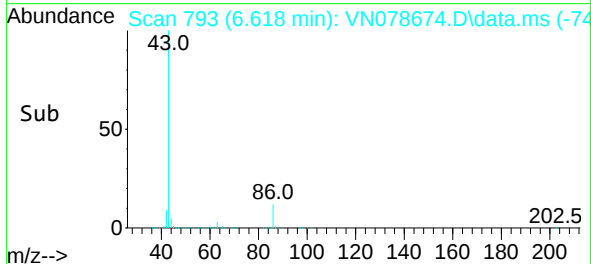
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 4687598
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

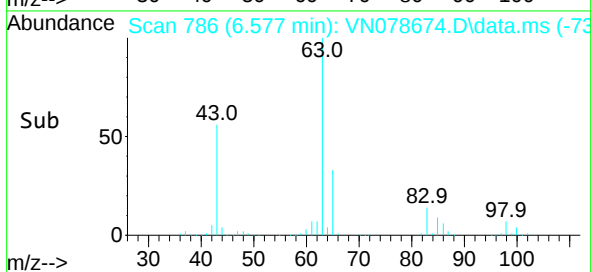
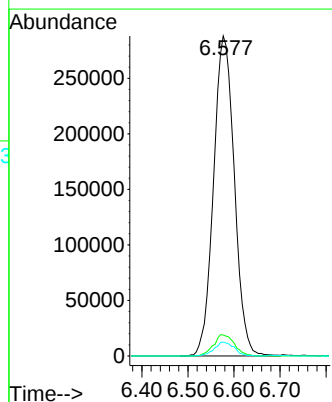
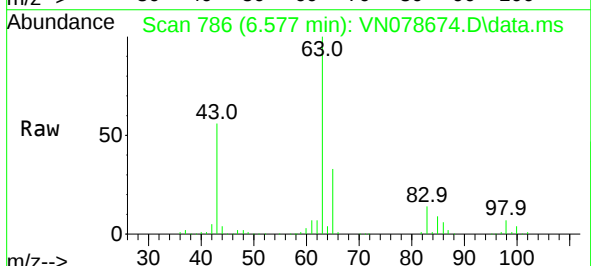
Manual Integrations
 APPROVED

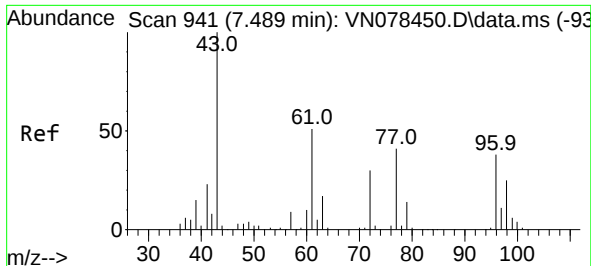
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#24
 1,1-Dichloroethane
 Concen: 55.280 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078674.D
 Acq: 27 Jul 2023 21:00

Tgt Ion: 63 Resp: 903144
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4





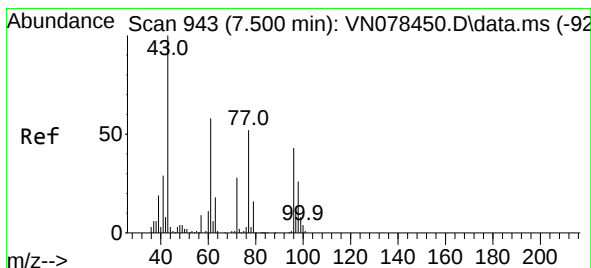
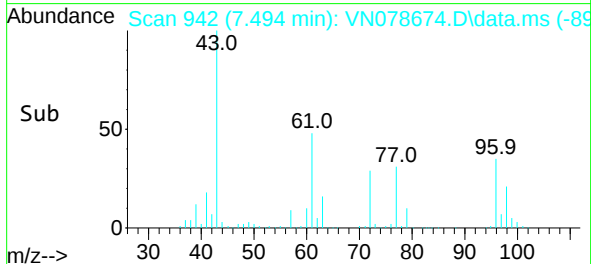
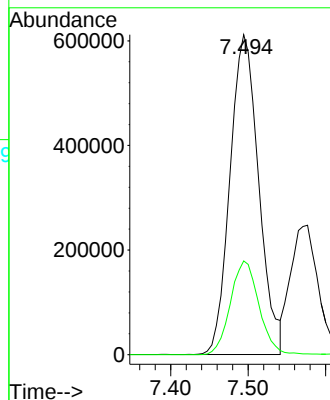
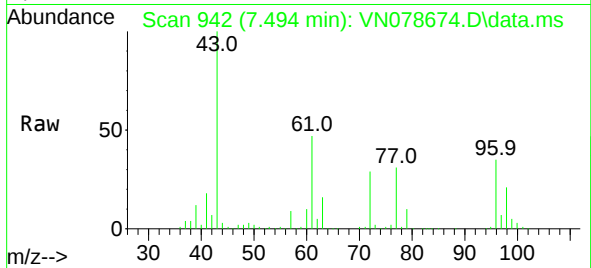
#25
2-Butanone
Concen: 319.986 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1579674
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

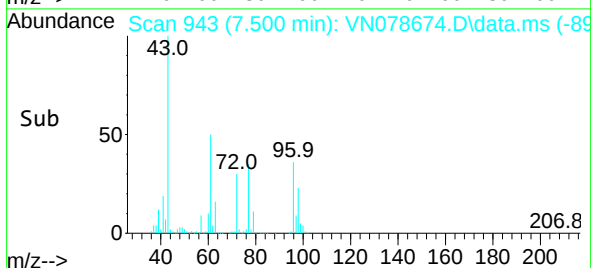
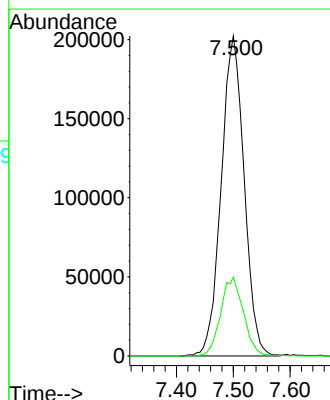
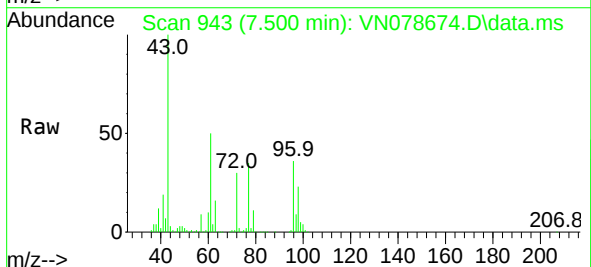
Manual Integrations
APPROVED

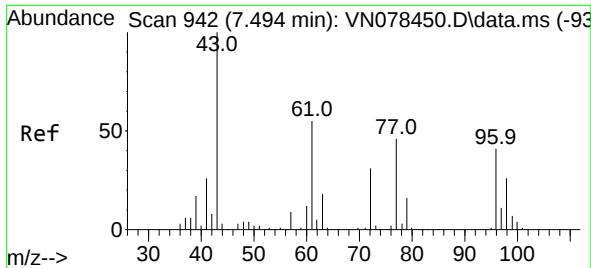
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
2,2-Dichloropropane
Concen: 42.422 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

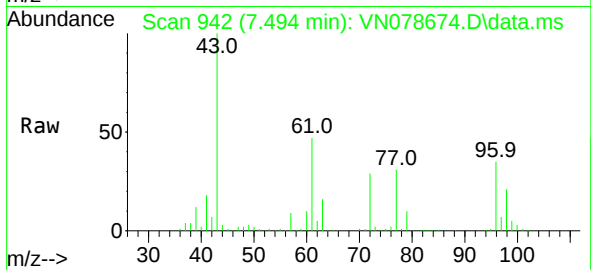
Tgt Ion: 77 Resp: 566857
Ion Ratio Lower Upper
77 100
97 24.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.514 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078674.D
 Acq: 27 Jul 2023 21:00

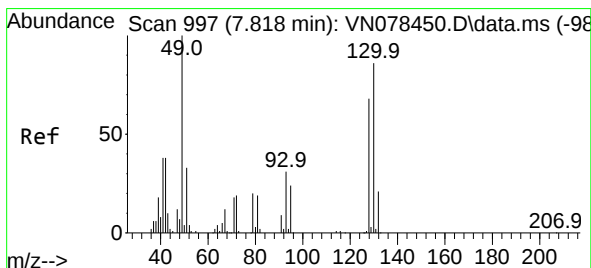
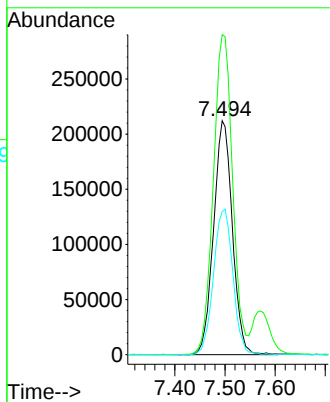
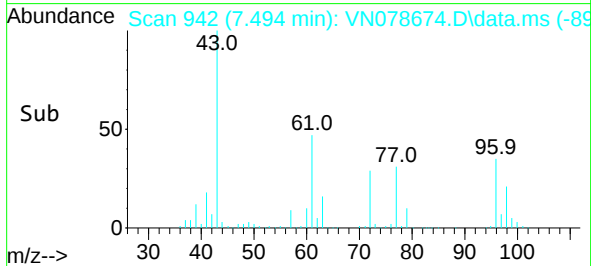
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 552808
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 255.2
 98 64.0 0.0 128.8

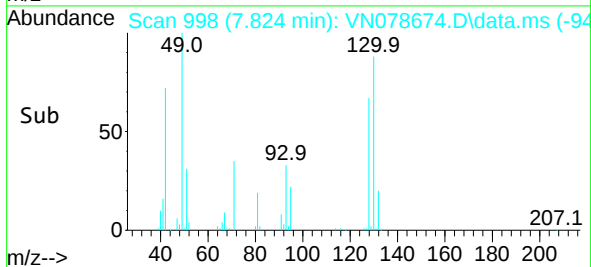
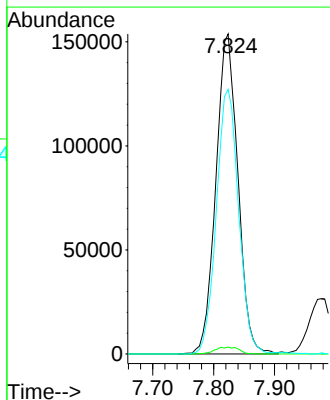
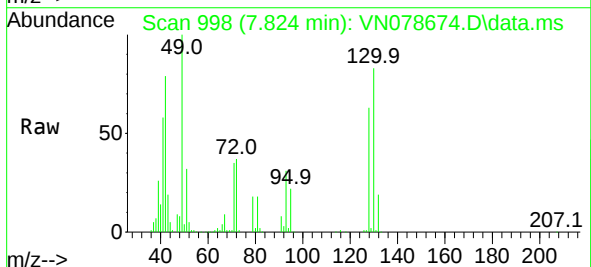
Manual Integrations
 APPROVED

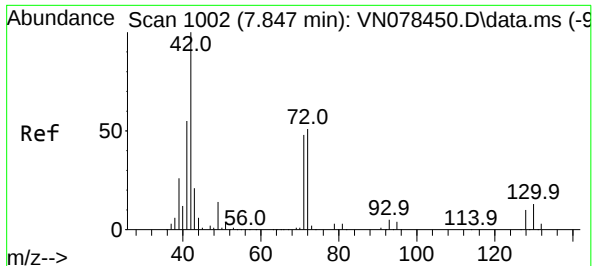
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#28
 Bromochloromethane
 Concen: 50.251 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078674.D
 Acq: 27 Jul 2023 21:00

Tgt Ion: 49 Resp: 386684
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 83.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 316.192 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 102424

Ion Ratio Lower Upper

42 100

72 48.6 49.8 74.6

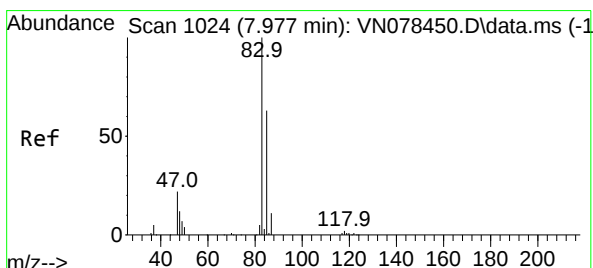
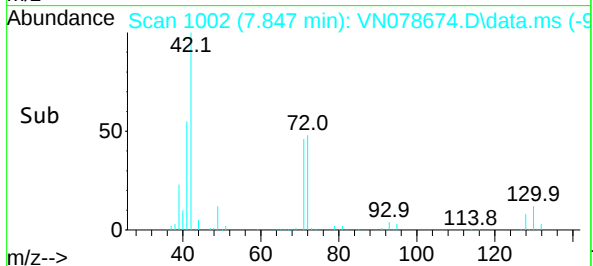
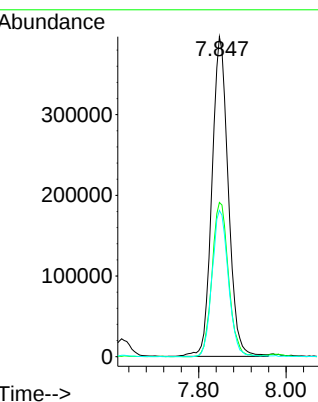
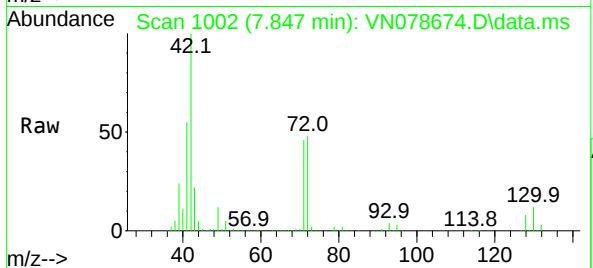
71 45.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Chloroform

Concen: 55.611 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078674.D

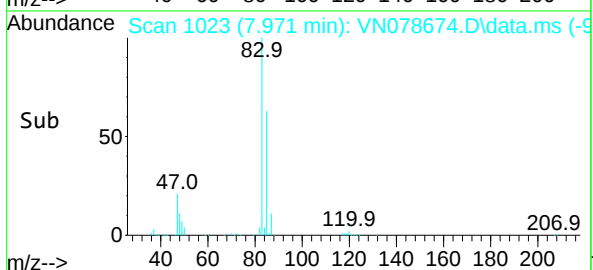
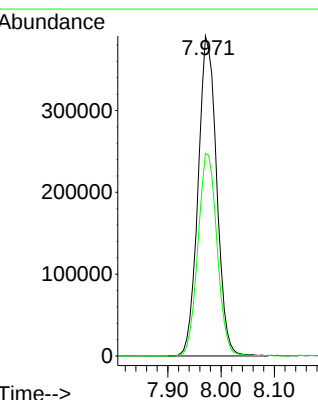
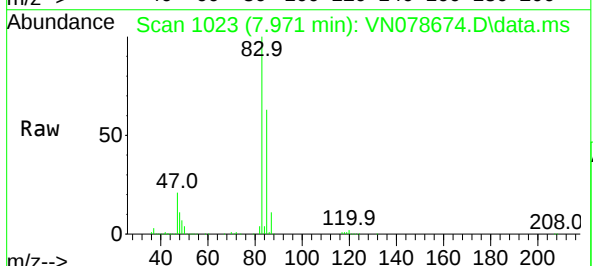
Acq: 27 Jul 2023 21:00

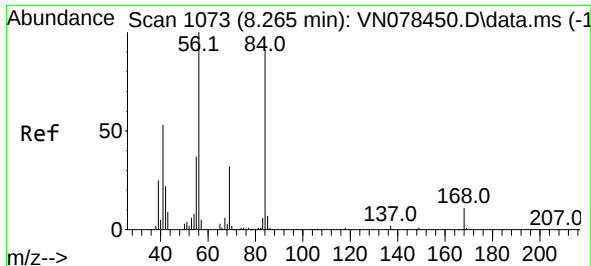
Tgt Ion: 83 Resp: 945887

Ion Ratio Lower Upper

83 100

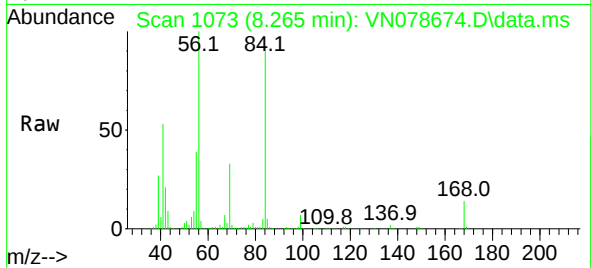
85 63.3 55.4 83.0





#31
Cyclohexane
Concen: 52.948 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

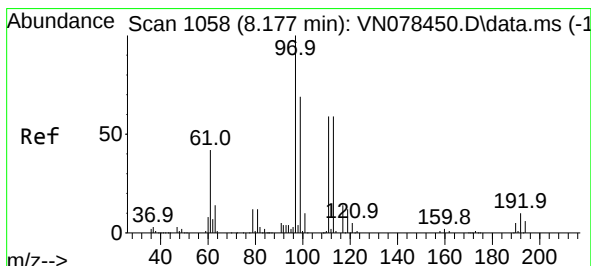
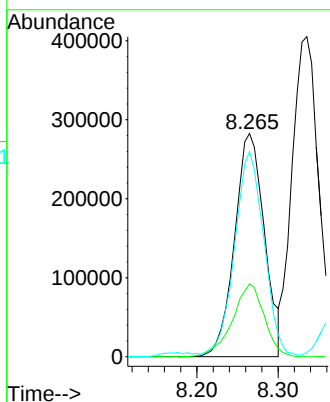
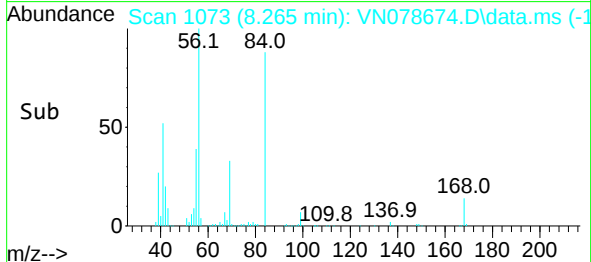
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



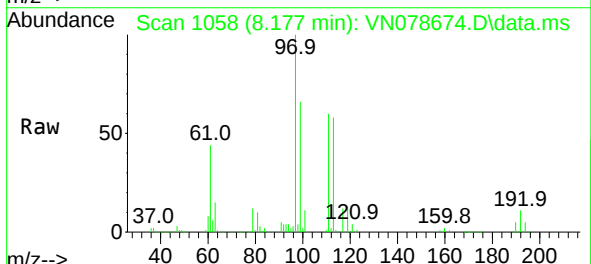
Tgt Ion: 56 Resp: 72042
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 90.0 81.8 122.6

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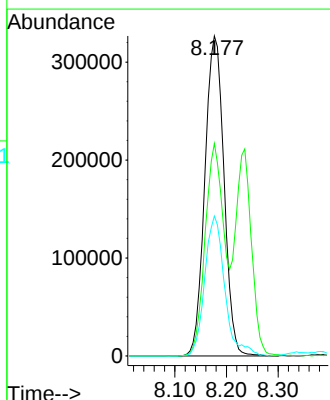
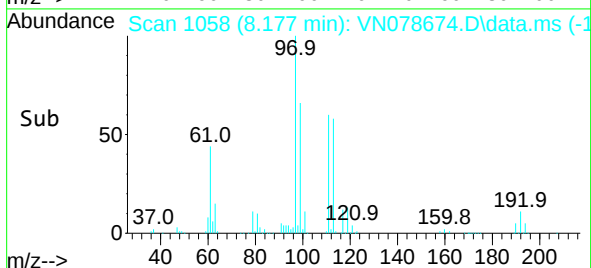
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

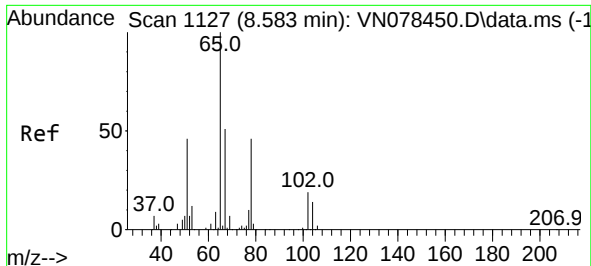


#32
1,1,1-Trichloroethane
Concen: 55.082 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



Tgt Ion: 97 Resp: 839990
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 45.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.758 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 54123

Ion Ratio Lower Upper

65 100

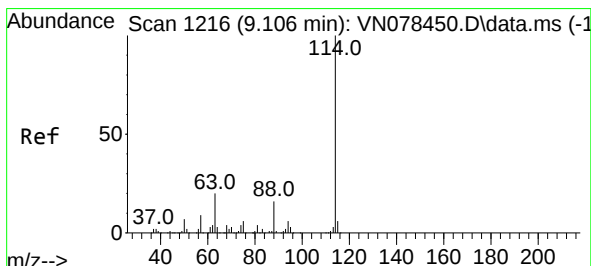
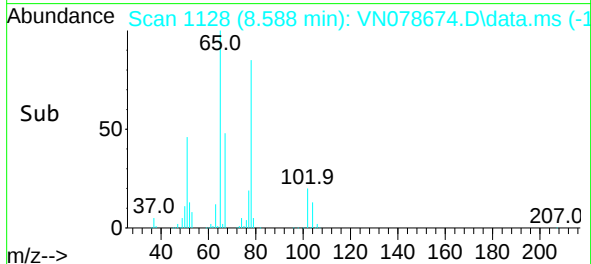
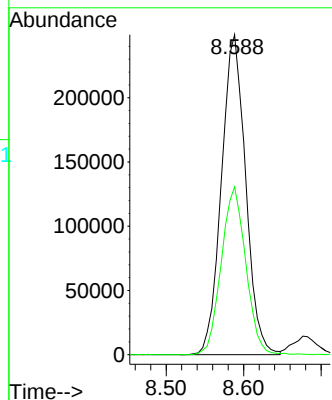
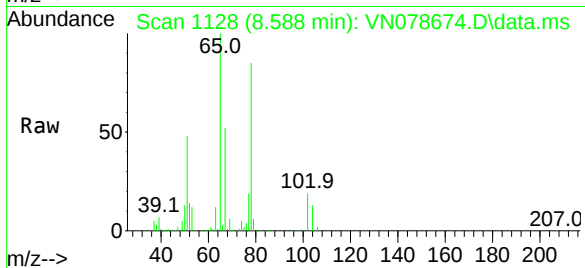
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

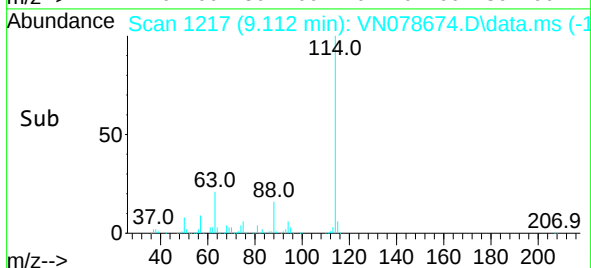
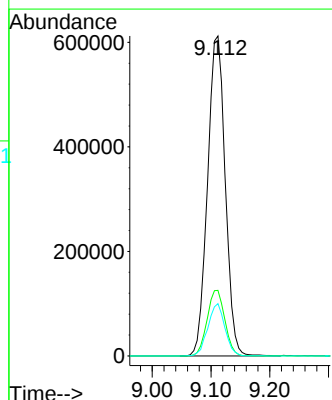
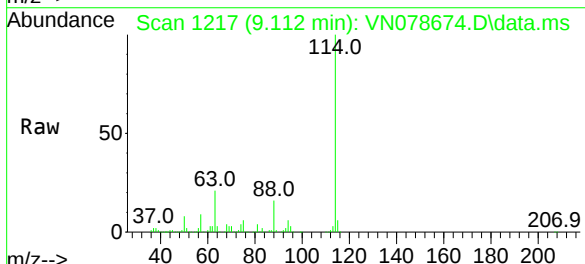
Tgt Ion:114 Resp: 1279044

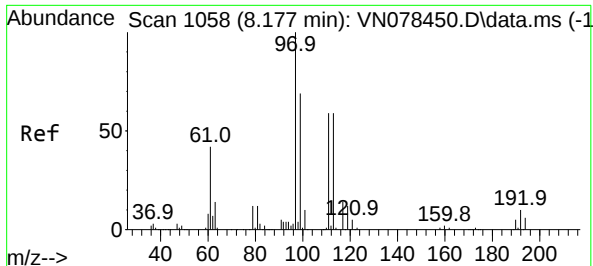
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.421 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 455144

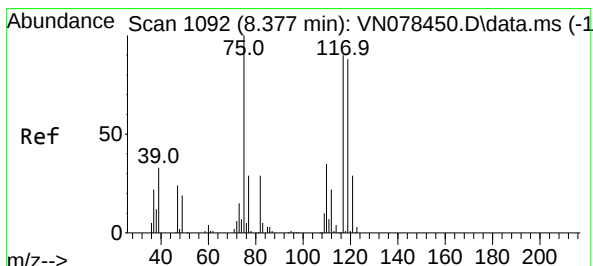
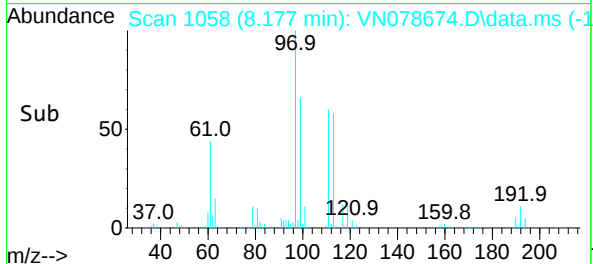
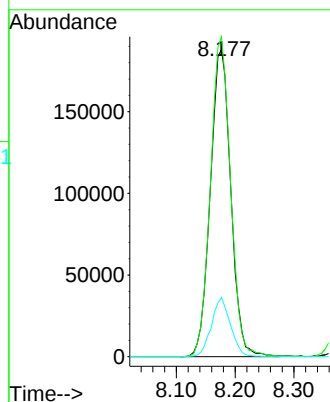
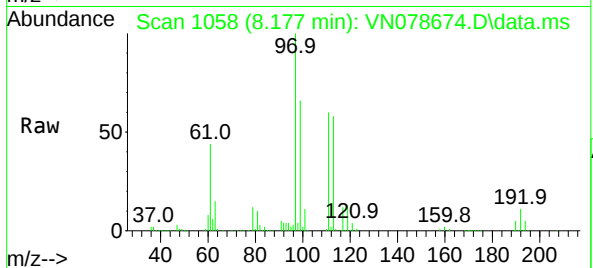
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	18.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#36

1,1-Dichloropropene

Concen: 54.505 ug/l

RT: 8.377 min Scan# 1092

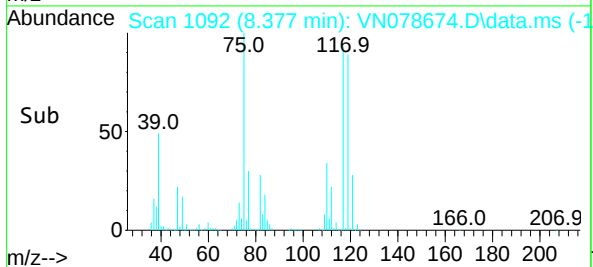
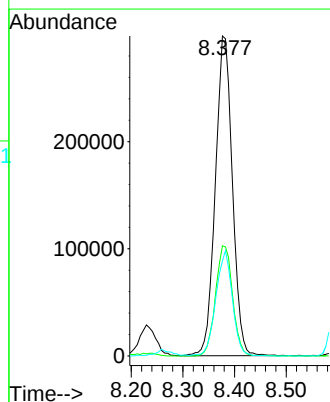
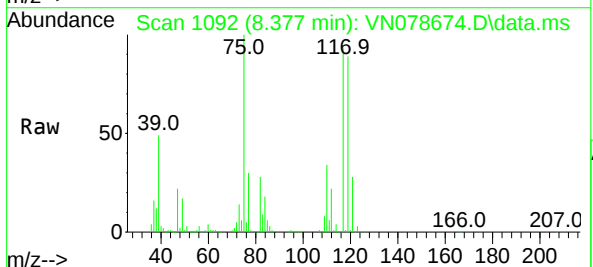
Delta R.T. -0.000 min

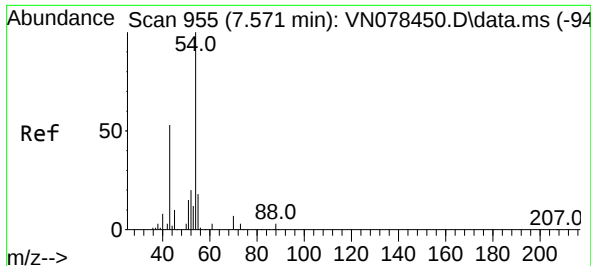
Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Tgt Ion: 75 Resp: 683314

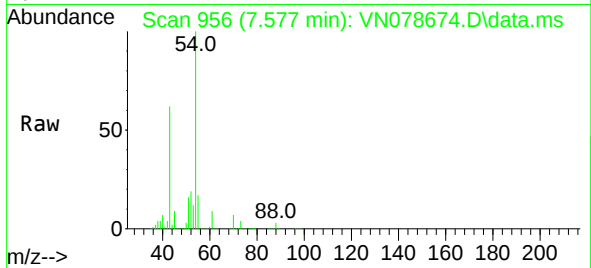
Ion	Ratio	Lower	Upper
75	100		
110	34.6	19.1	57.3
77	32.0	25.0	37.4





#37
Ethyl Acetate
Concen: 60.421 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

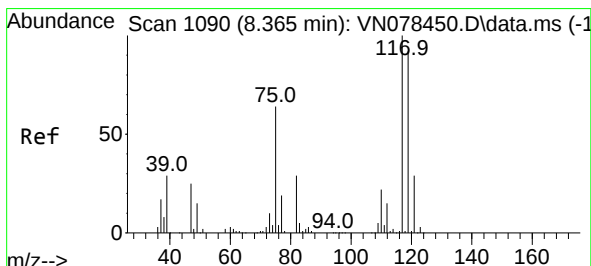
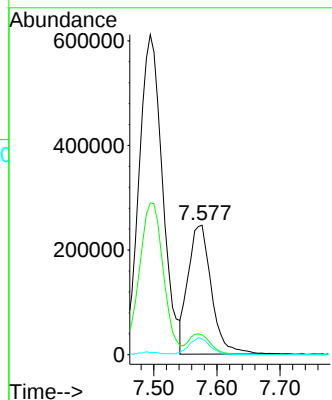
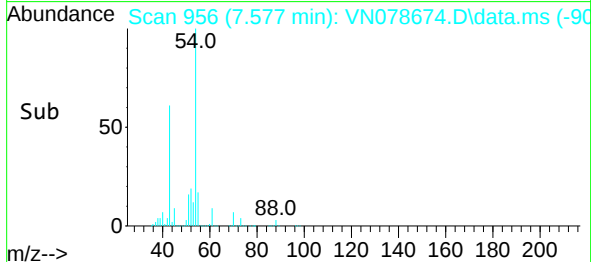
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 631454
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.7 11.3 16.9

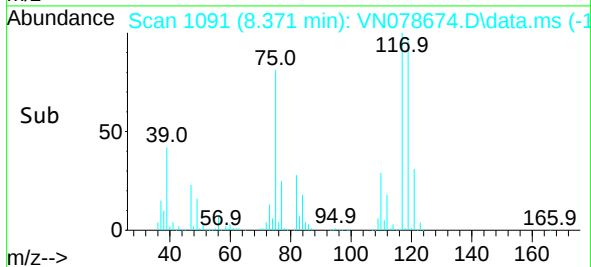
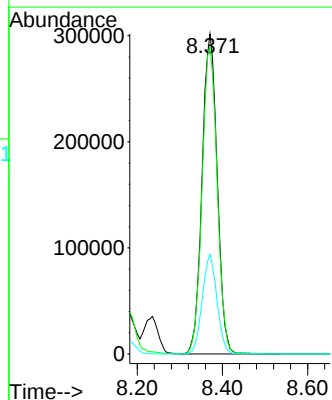
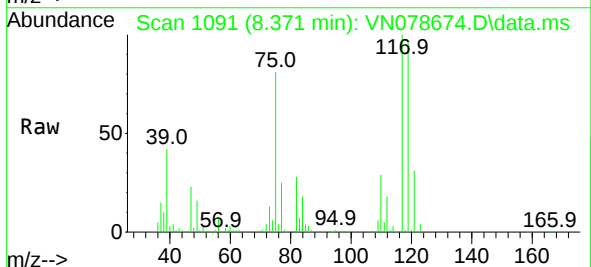
Manual Integrations
APPROVED

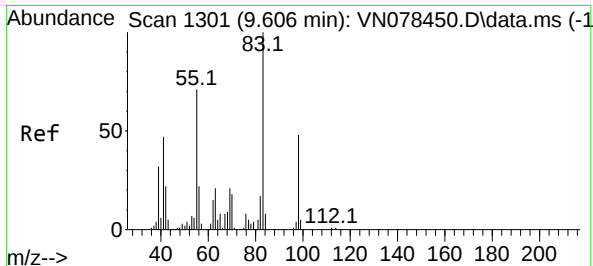
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#38
Carbon Tetrachloride
Concen: 54.615 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion:117 Resp: 744160
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 56.836 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078674.D

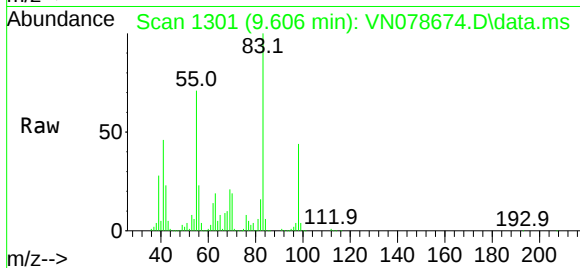
Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



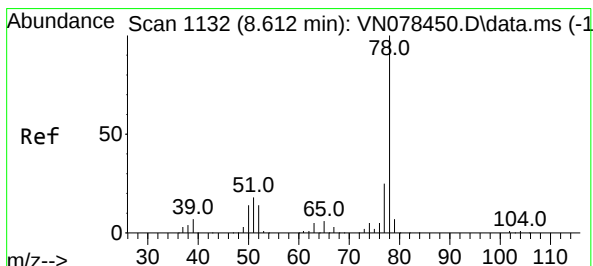
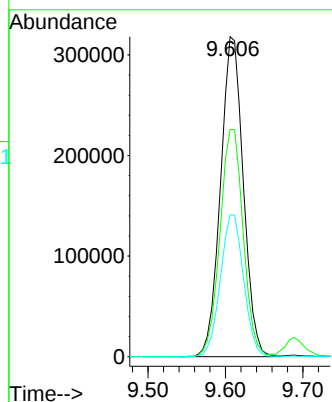
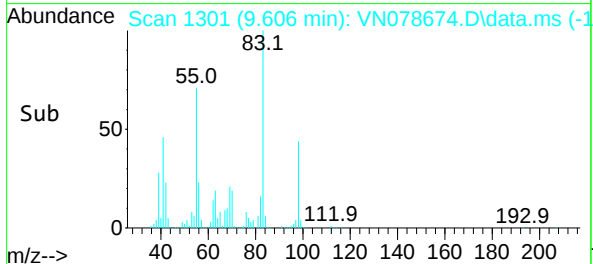
Tgt Ion: 83	Resp: 650399
Ion Ratio	Lower Upper
83	100
55	71.0 49.1 73.7
98	44.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#40

Benzene

Concen: 56.129 ug/l

RT: 8.612 min Scan# 1132

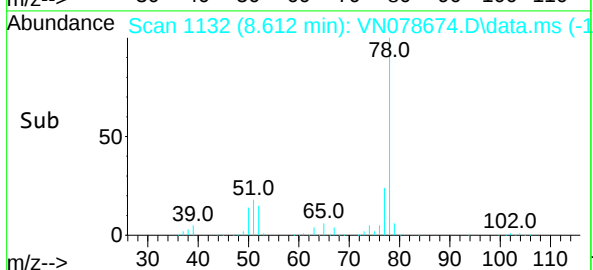
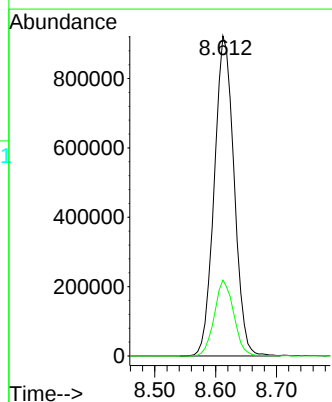
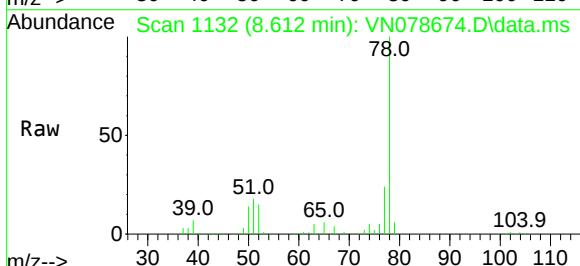
Delta R.T. -0.000 min

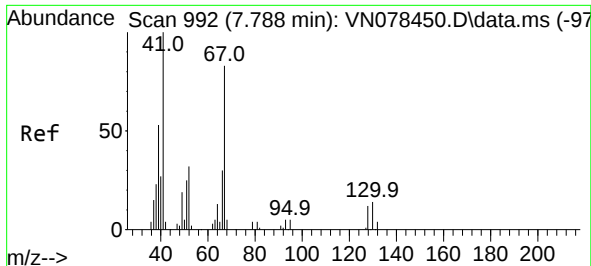
Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Tgt Ion: 78 Resp: 2084702

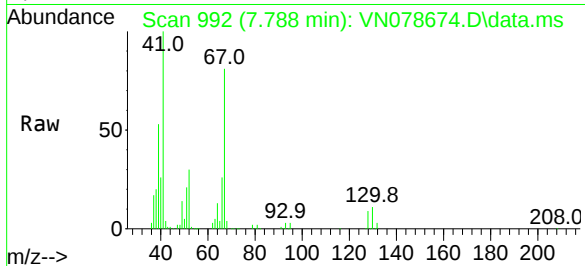
Ion Ratio	Lower Upper
78	100
77	23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 66.406 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

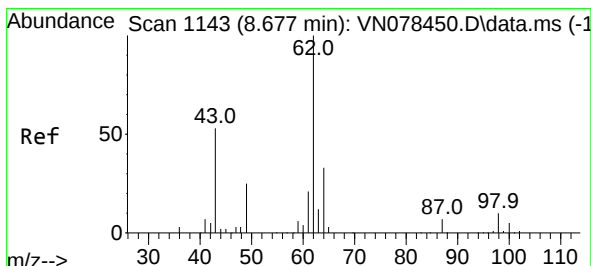
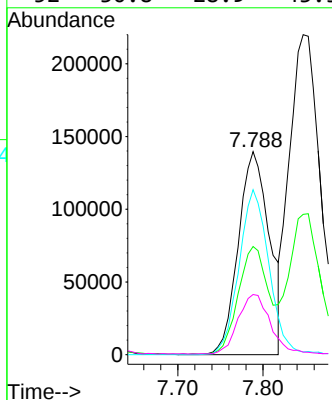
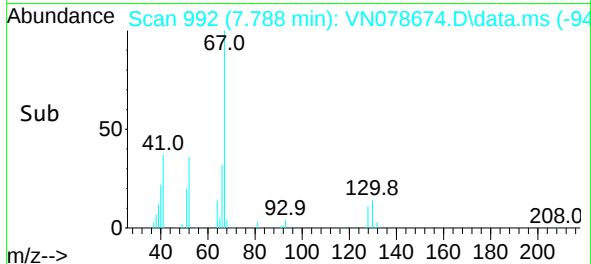
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



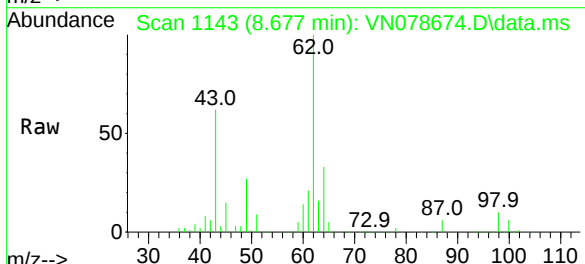
Tgt Ion: 41 Resp: 35379
Ion Ratio Lower Upper
41 100
39 49.6 42.6 64.0
67 78.8 77.5 116.3
52 30.8 28.9 43.3

Manual Integrations
APPROVED

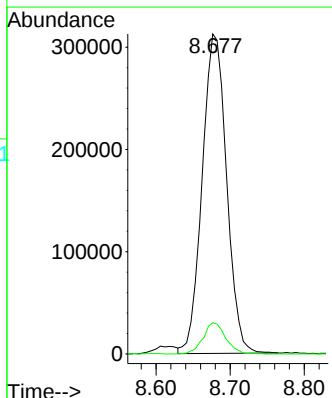
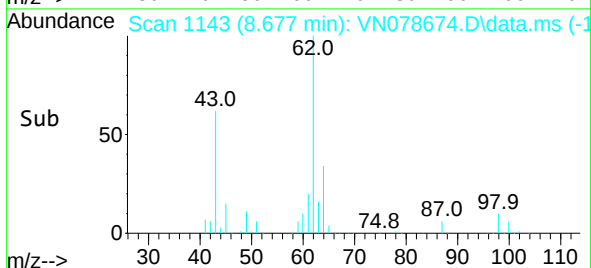
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

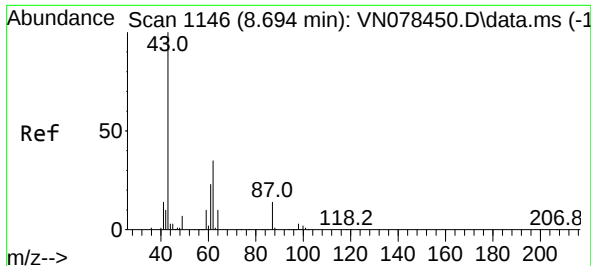


#42
1,2-Dichloroethane
Concen: 56.494 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



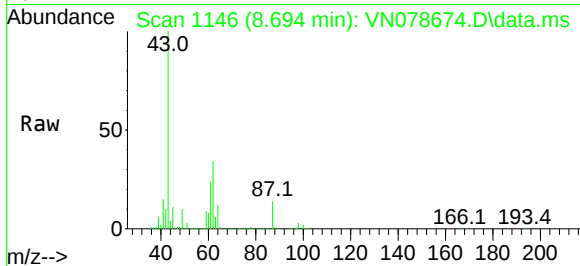
Tgt Ion: 62 Resp: 713700
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 78.295 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

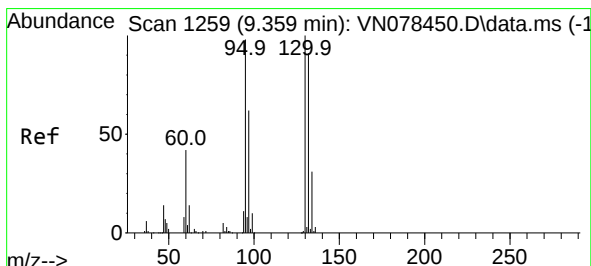
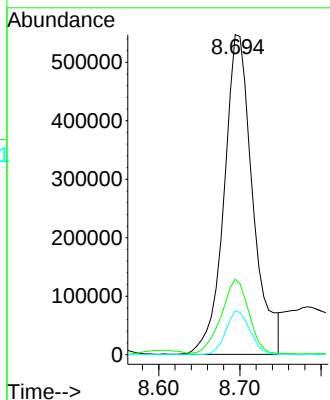
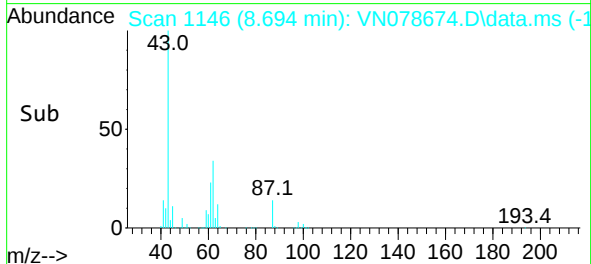
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 134714
Ion Ratio Lower Upper
43 100
61 22.6 24.7 37.1
87 11.6 14.6 21.8

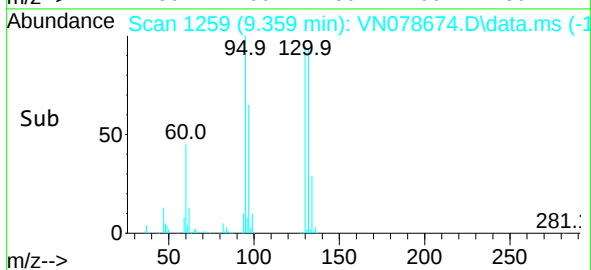
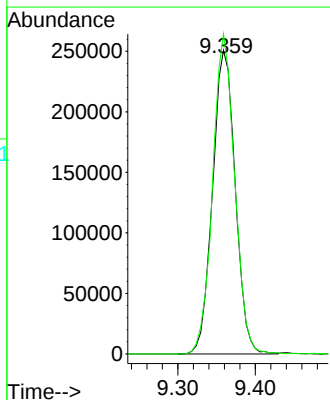
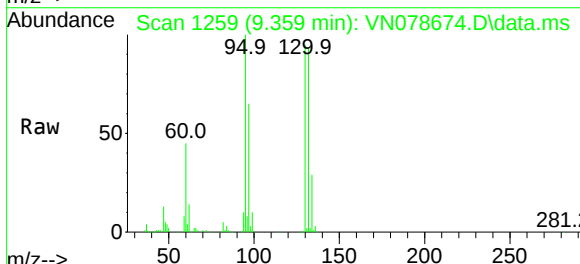
Manual Integrations
APPROVED

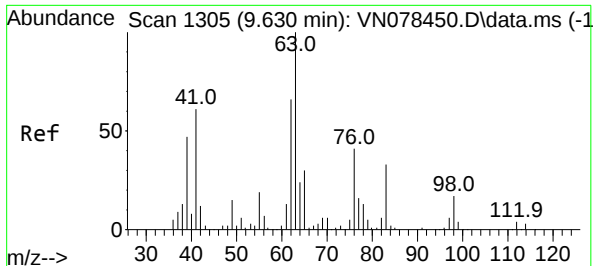
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#44
Trichloroethene
Concen: 51.001 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion:130 Resp: 510534
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.655 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 532948

Ion Ratio Lower Upper

63 100

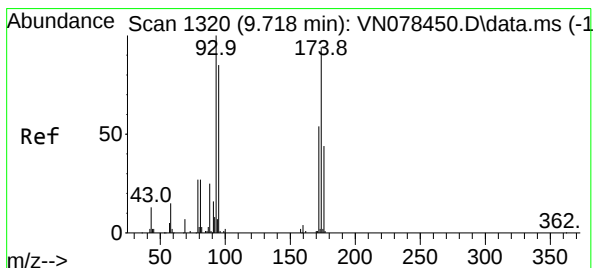
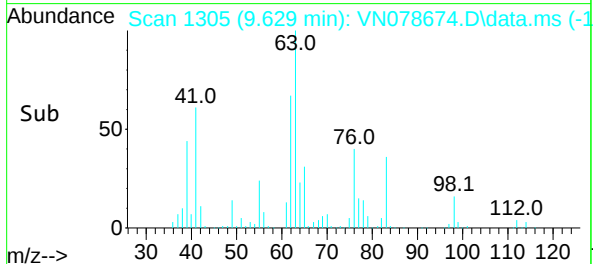
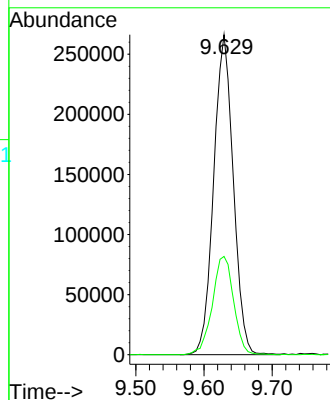
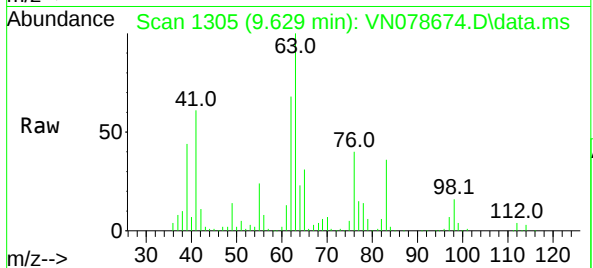
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#46

Dibromomethane

Concen: 54.899 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

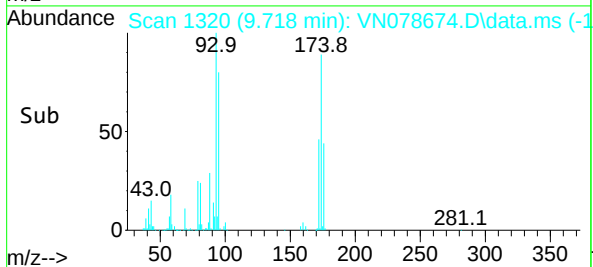
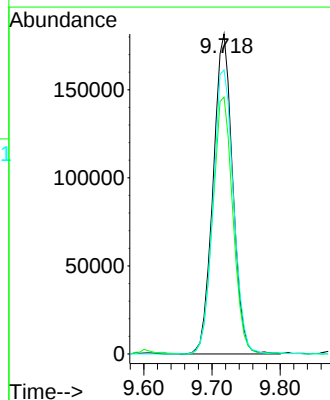
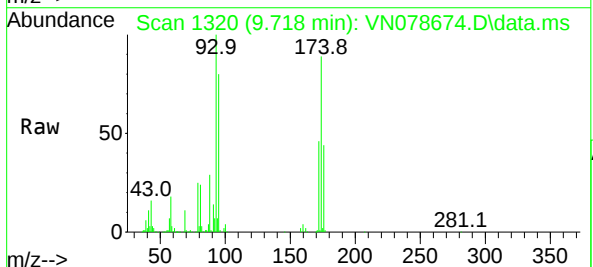
Tgt Ion: 93 Resp: 363478

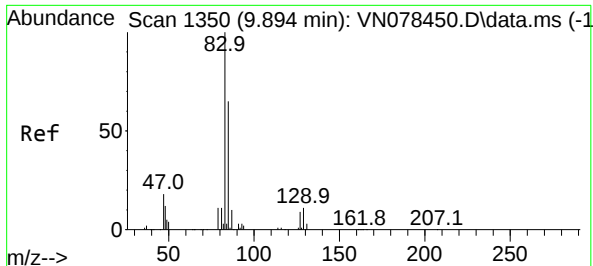
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

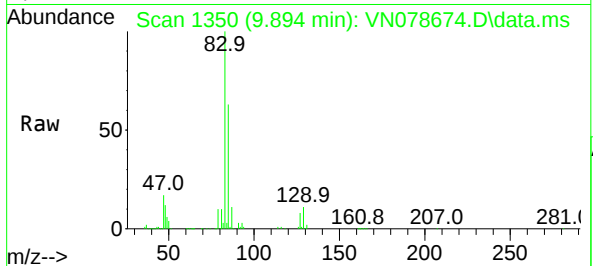
174 92.3 65.6 98.4





#47
Bromodichloromethane
Concen: 55.648 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

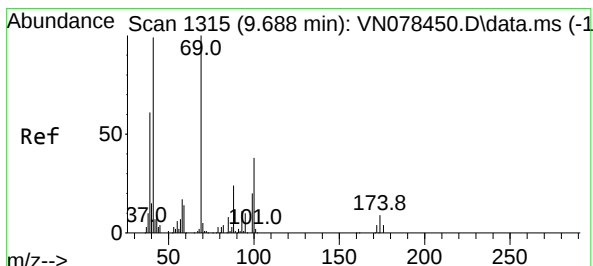
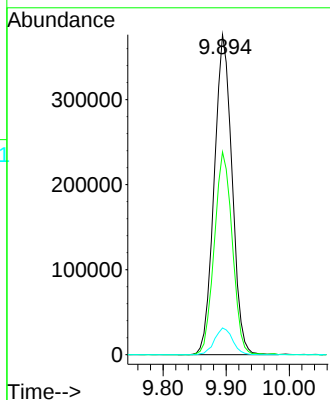
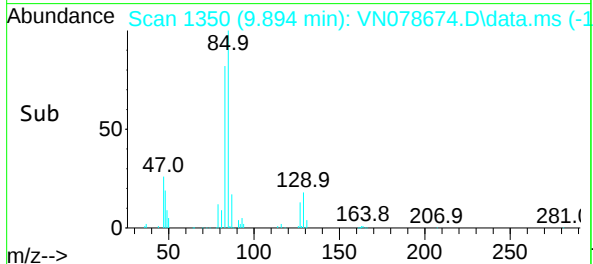
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 738554
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.4 7.0 10.6

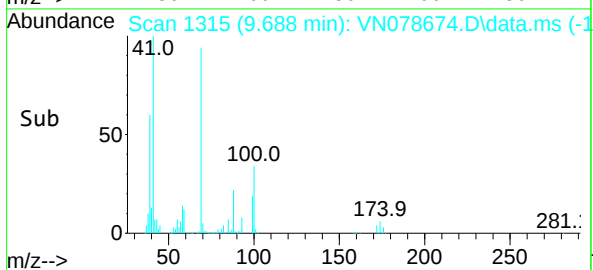
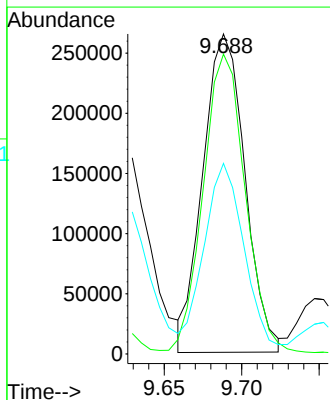
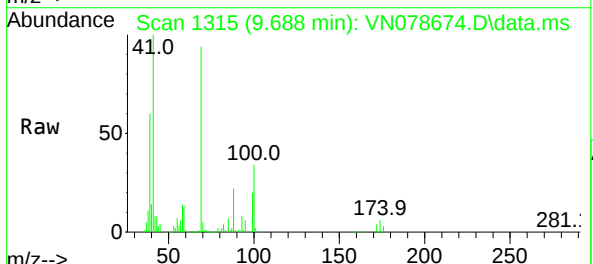
Manual Integrations
APPROVED

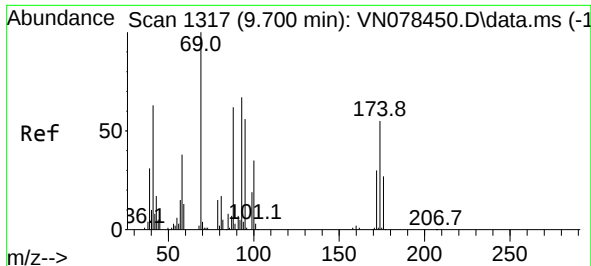
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#48
Methyl methacrylate
Concen: 62.559 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion: 41 Resp: 498681
Ion Ratio Lower Upper
41 100
69 95.2 90.4 135.6
39 58.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1192.380 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 207285

Ion Ratio Lower Upper

88 100

43 24.3 17.0 25.6

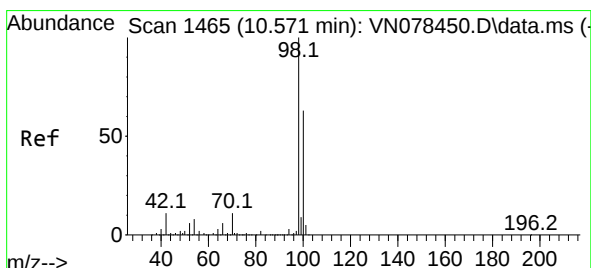
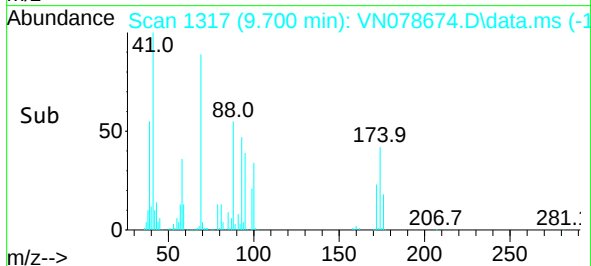
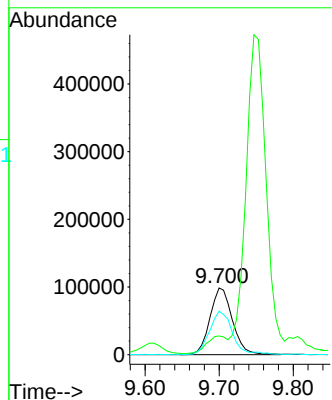
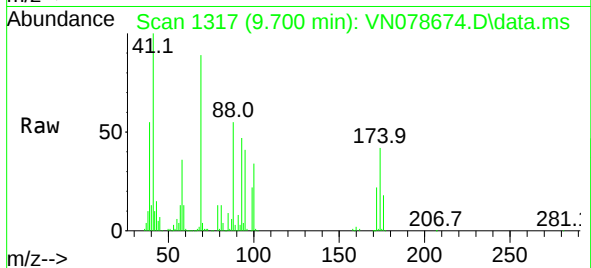
58 67.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

Toluene-d8

Concen: 48.835 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078674.D

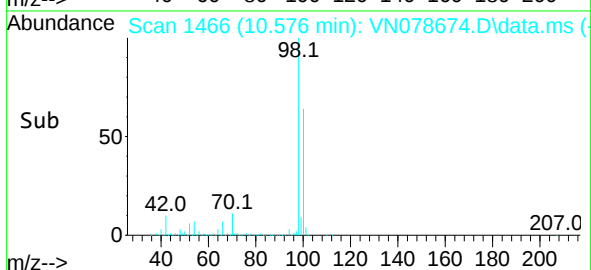
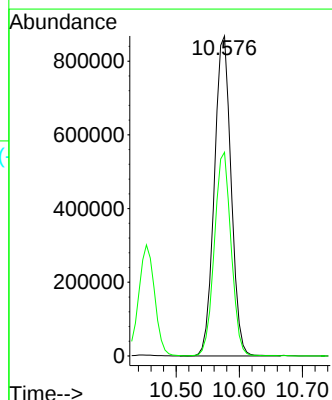
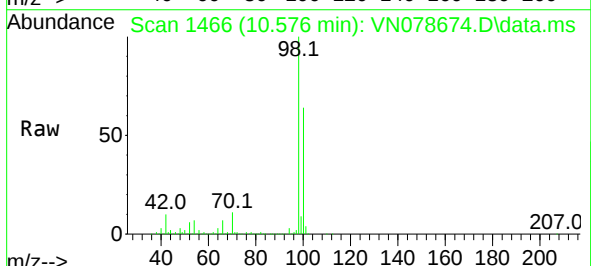
Acq: 27 Jul 2023 21:00

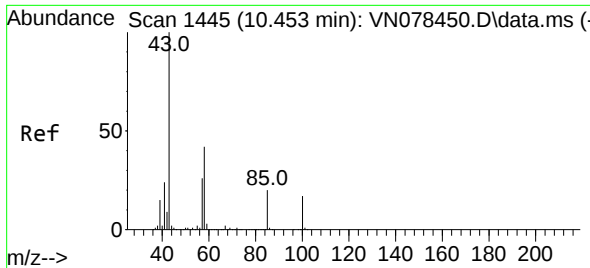
Tgt Ion: 98 Resp: 1601776

Ion Ratio Lower Upper

98 100

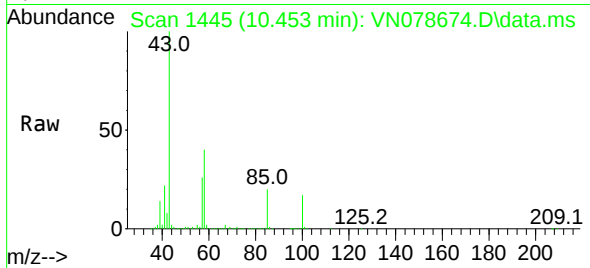
100 63.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 315.817 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

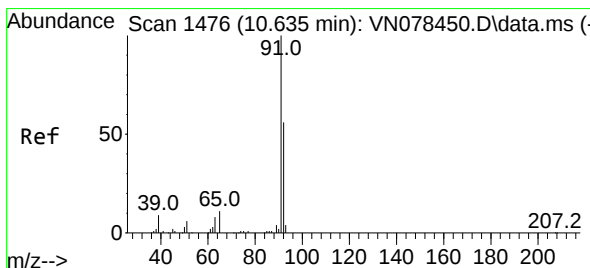
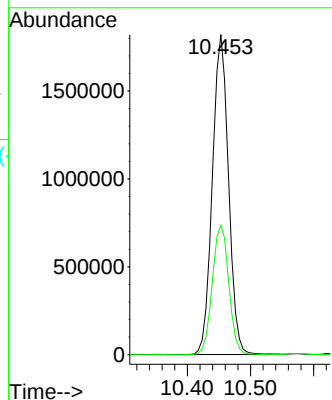
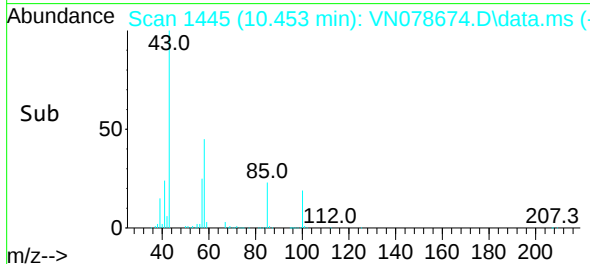
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3232190
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

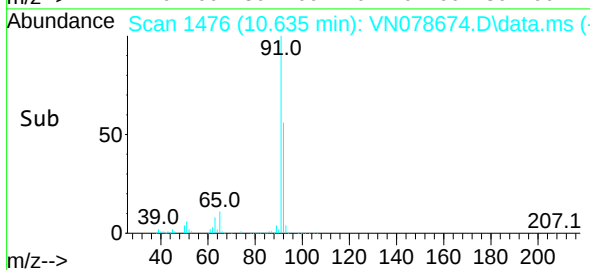
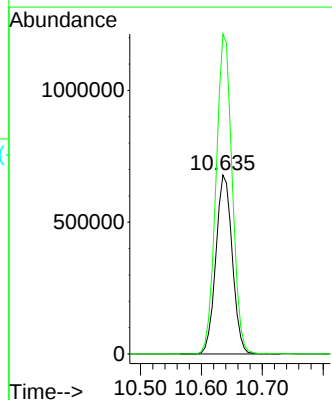
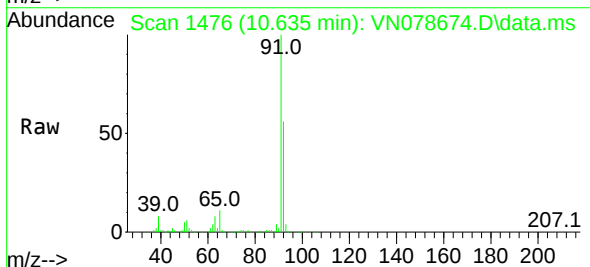
Manual Integrations
APPROVED

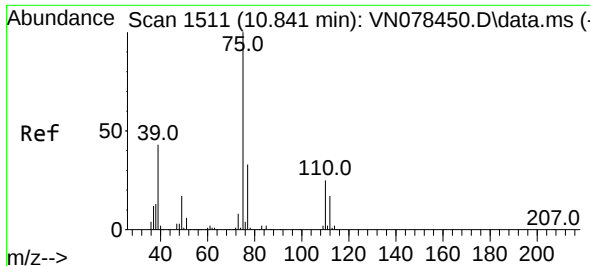
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#52
Toluene
Concen: 55.033 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

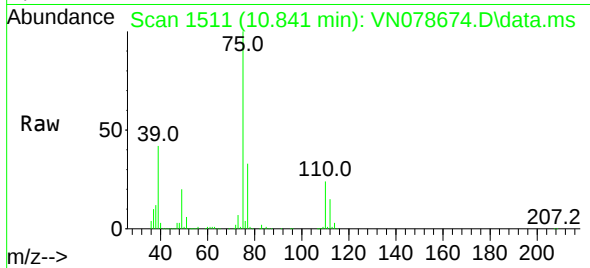
Tgt Ion: 92 Resp: 1266821
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.529 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

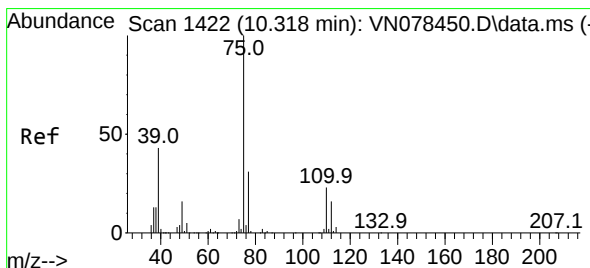
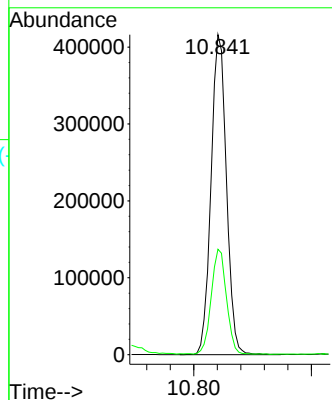
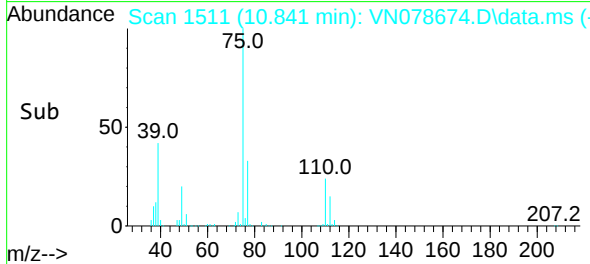
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 755009
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0

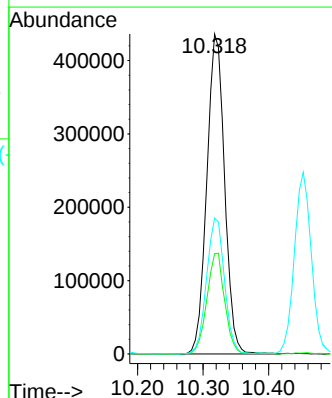
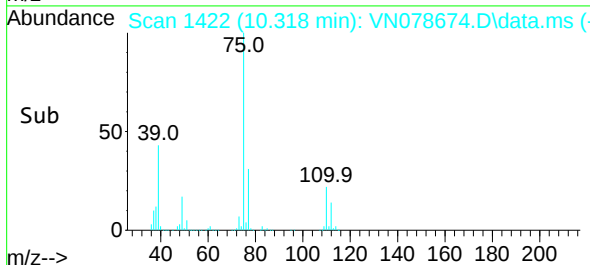
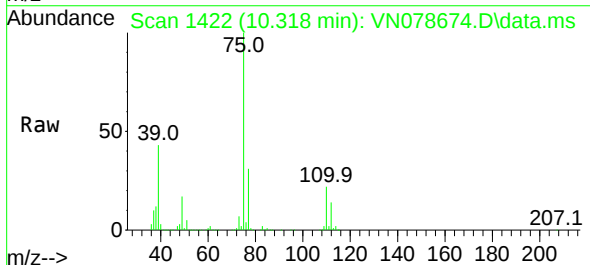
Manual Integrations
APPROVED

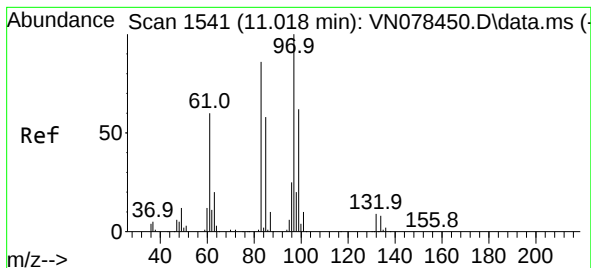
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 56.783 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

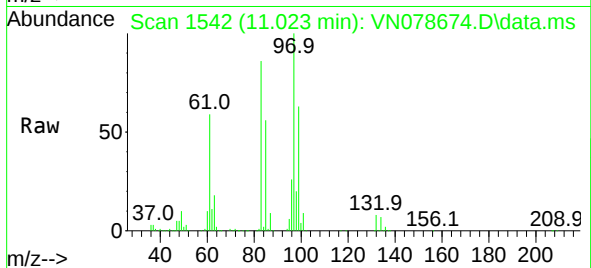
Tgt Ion: 75 Resp: 822976
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 42.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 55.590 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

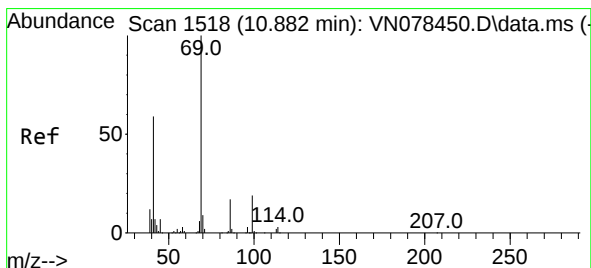
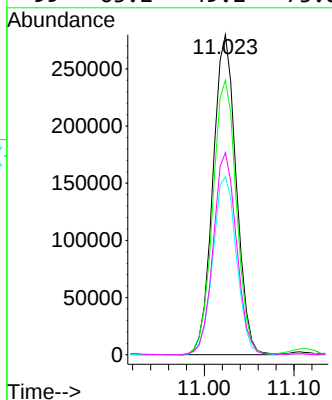
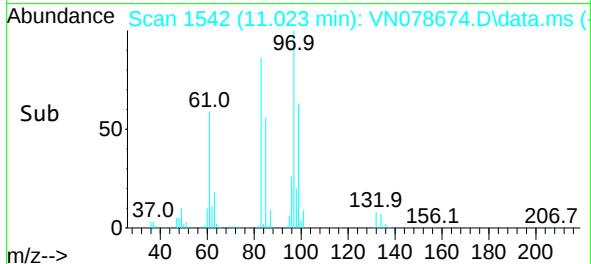
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 504170
Ion Ratio Lower Upper
97 100
83 85.8 65.1 97.7
85 55.5 43.4 65.2
99 63.2 49.2 73.8

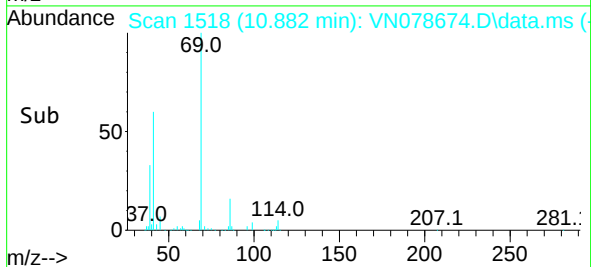
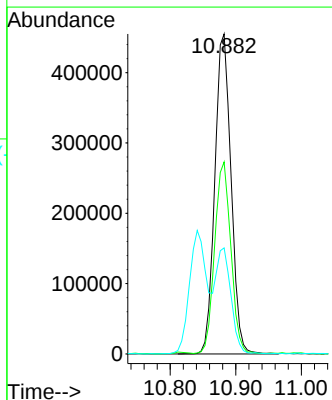
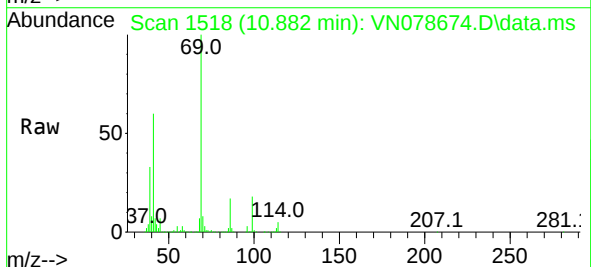
Manual Integrations
APPROVED

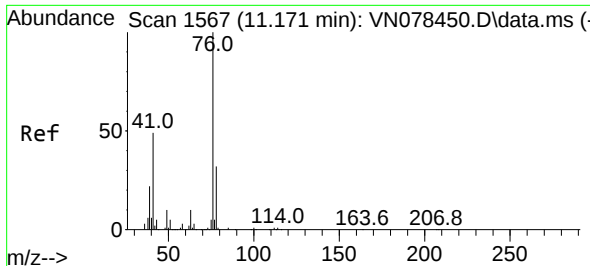
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#56
Ethyl methacrylate
Concen: 61.565 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

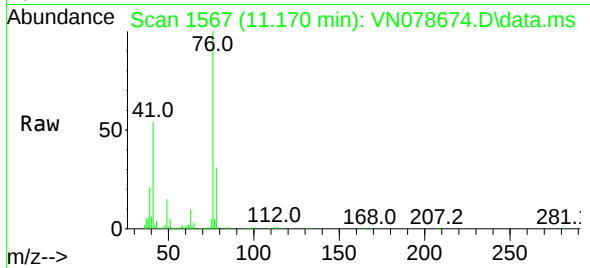
Tgt Ion: 69 Resp: 780532
Ion Ratio Lower Upper
69 100
41 59.6 39.6 59.4#
39 29.7 28.6 43.0





#57
1,3-Dichloropropane
Concen: 55.630 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

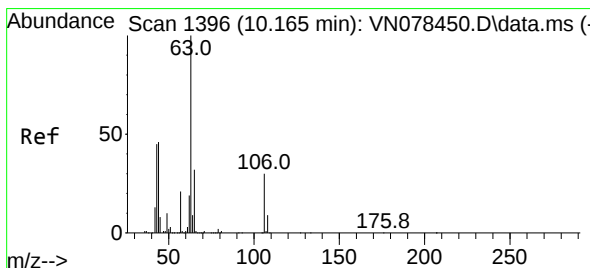
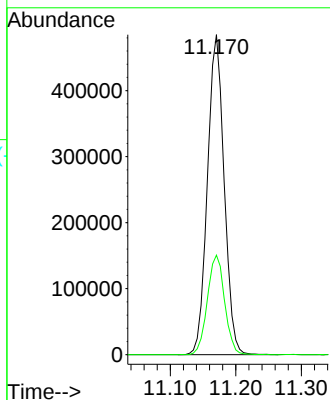
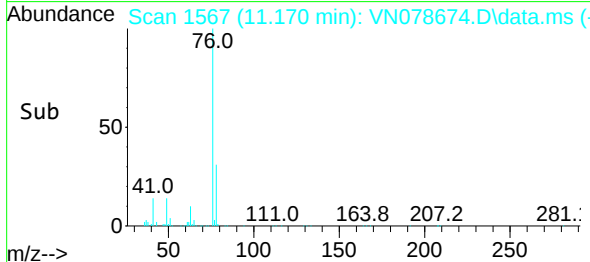
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



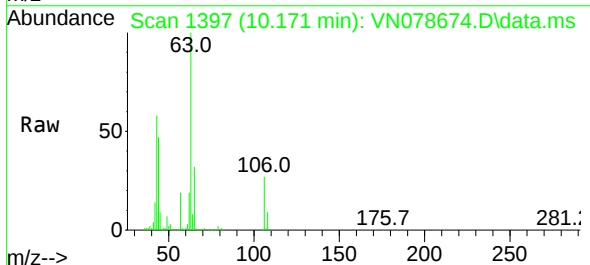
Tgt Ion: 76 Resp: 857858
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

Manual Integrations
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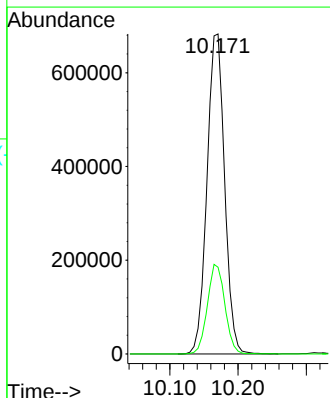
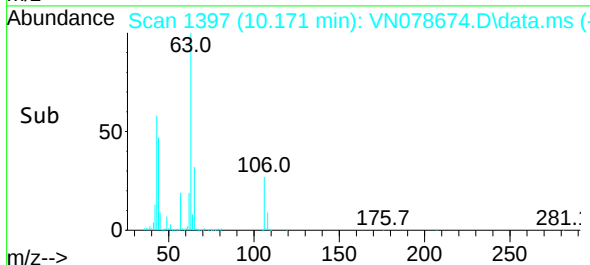
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

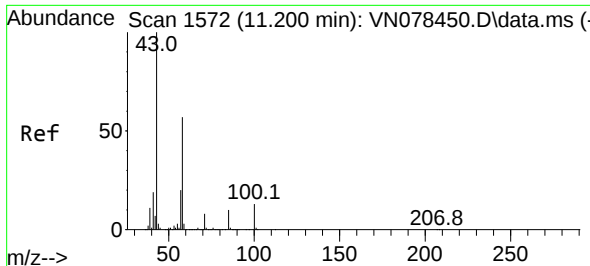


#58
2-Chloroethyl Vinyl ether
Concen: 271.530 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



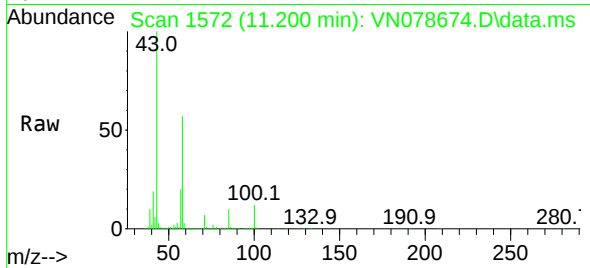
Tgt Ion: 63 Resp: 1226811
Ion Ratio Lower Upper
63 100
106 27.8 26.2 39.4





#59
2-Hexanone
Concen: 319.673 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

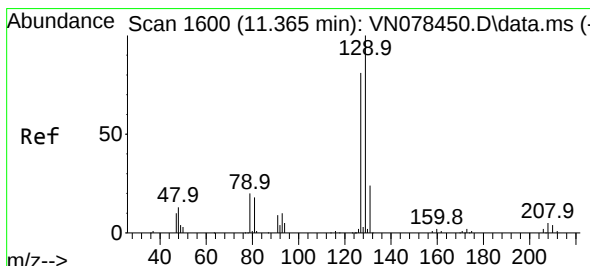
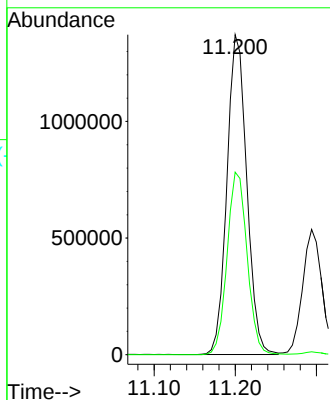
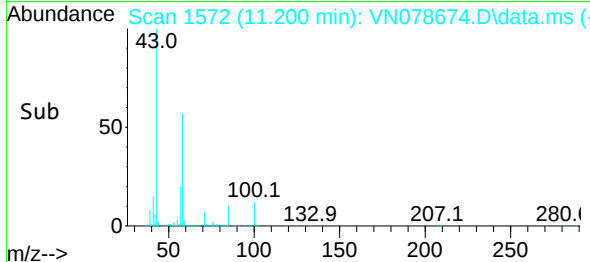
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2325200
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1

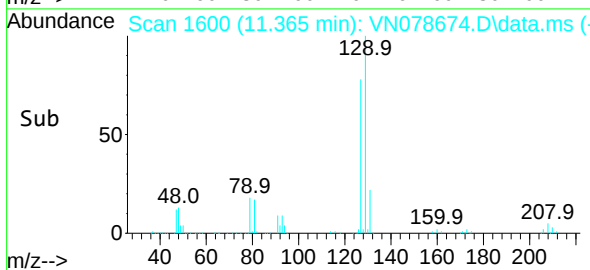
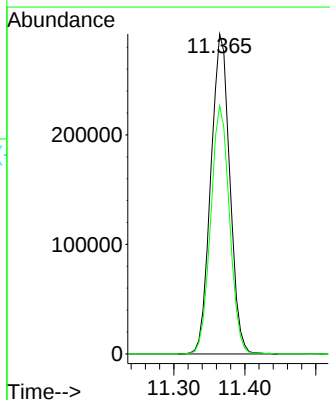
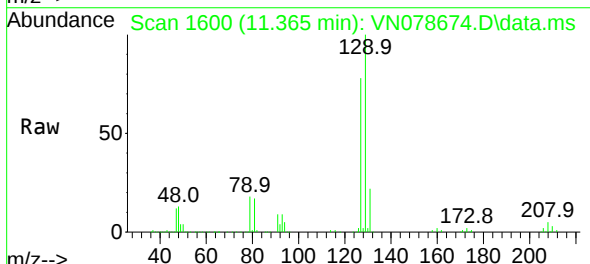
Manual Integrations
APPROVED

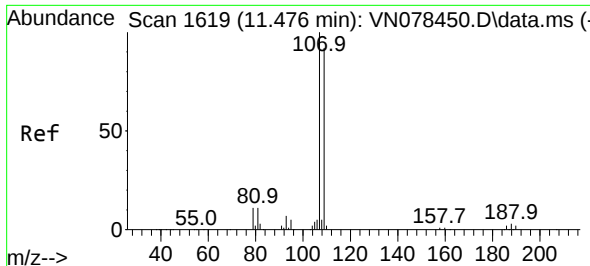
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
Dibromochloromethane
Concen: 54.125 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

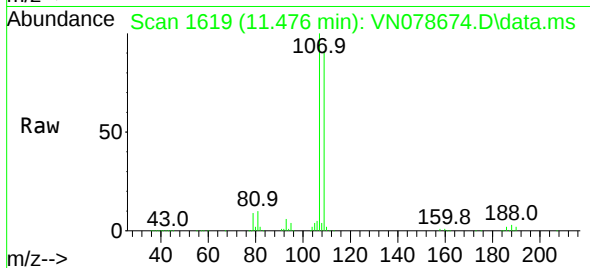
Tgt Ion:129 Resp: 541931
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.233 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

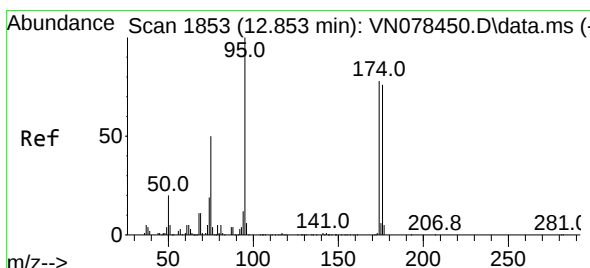
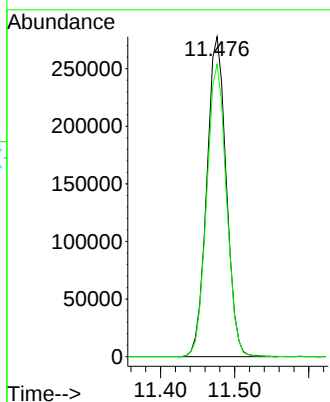
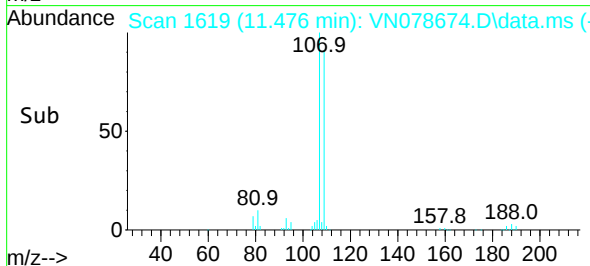
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



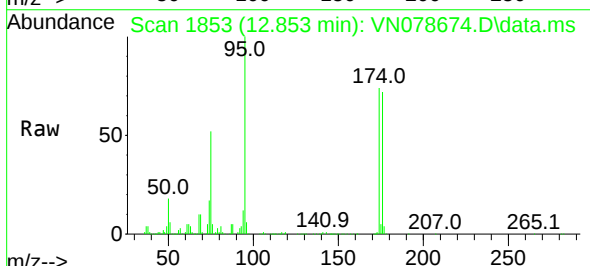
Tgt Ion:107 Resp: 506690
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
APPROVED

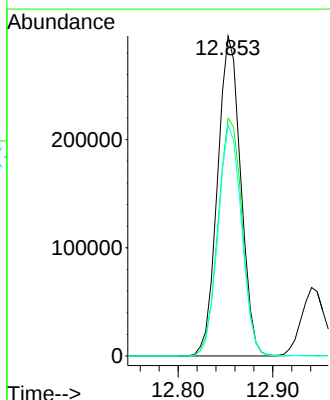
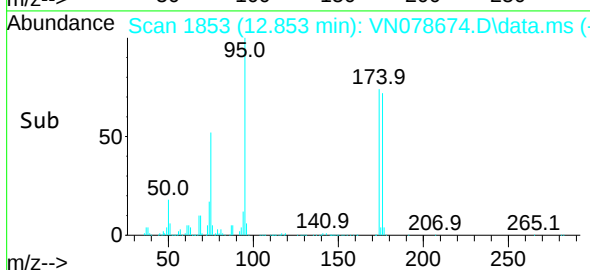
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

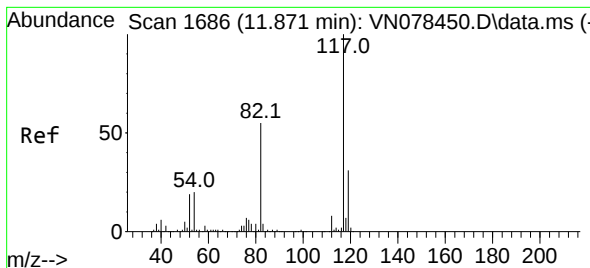


#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



Tgt Ion: 95 Resp: 503034
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 73.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 1046818

Ion Ratio Lower Upper

117 100

82 57.4 44.0 66.0

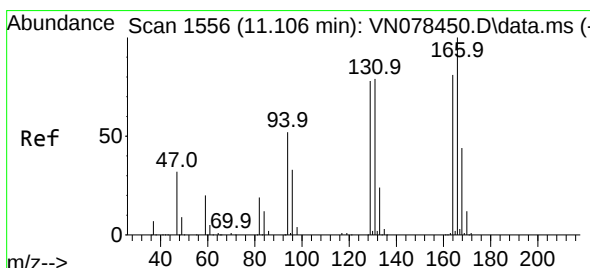
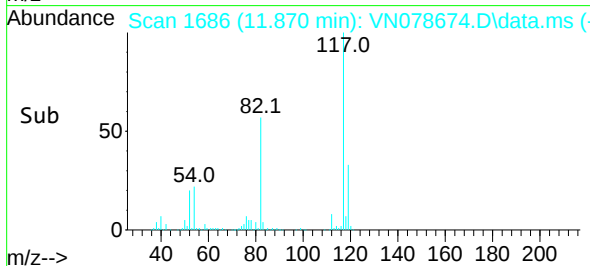
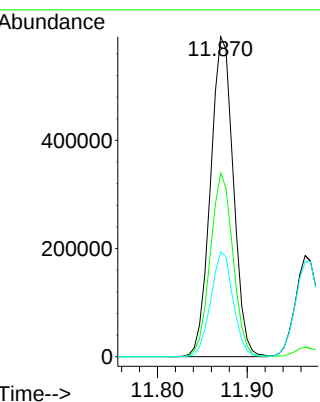
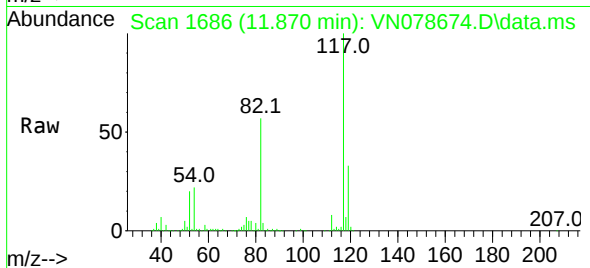
119 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#64

Tetrachloroethene

Concen: 53.171 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Tgt Ion:164 Resp: 418467

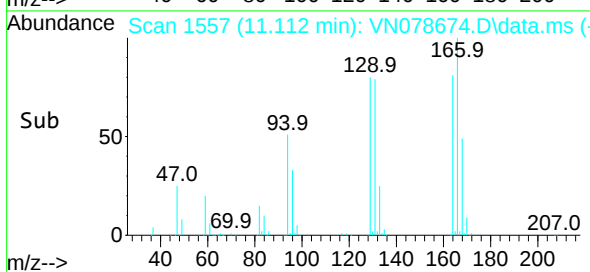
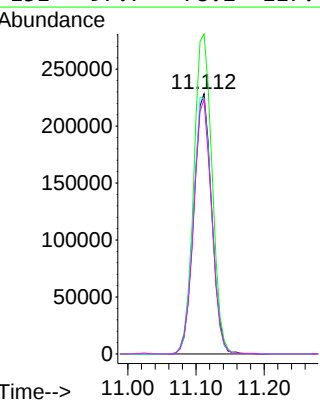
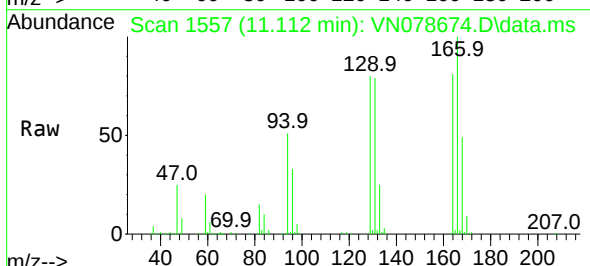
Ion Ratio Lower Upper

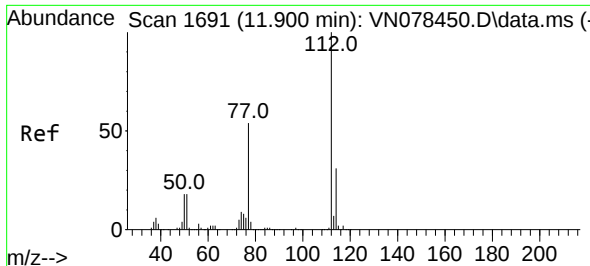
164 100

166 123.0 101.4 152.0

129 98.1 82.4 123.6

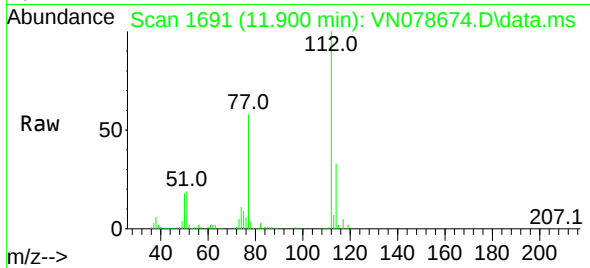
131 97.7 78.2 117.4





#65
Chlorobenzene
Concen: 53.032 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

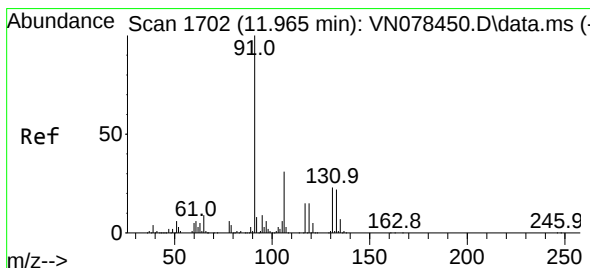
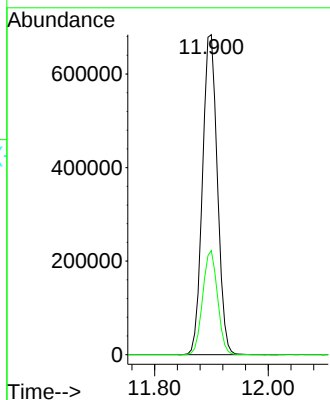
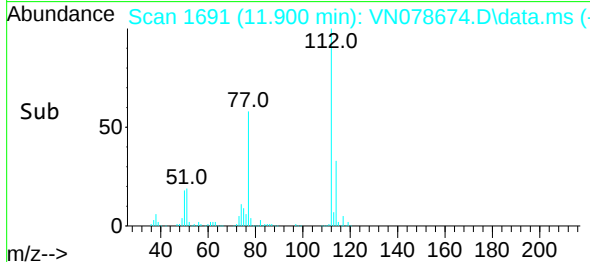
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



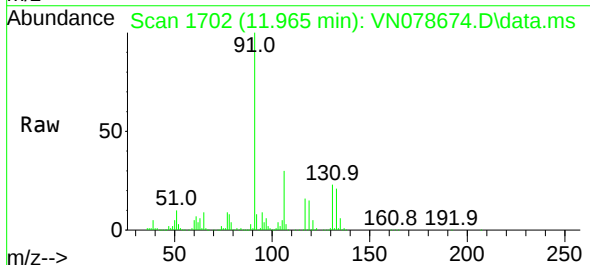
Tgt Ion:112 Resp: 1240879
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

Manual Integrations
APPROVED

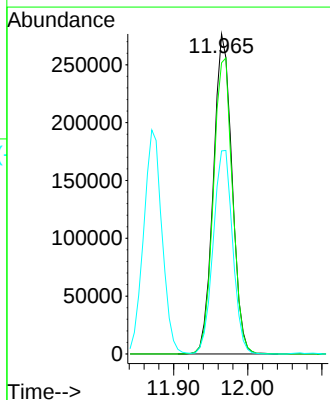
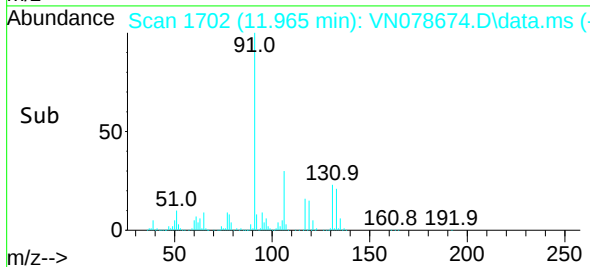
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

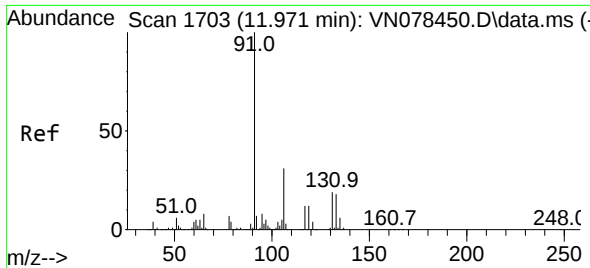


#66
1,1,1,2-Tetrachloroethane
Concen: 53.574 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



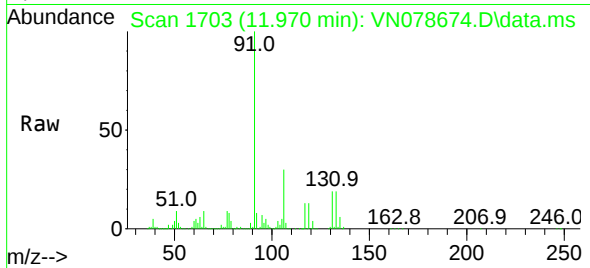
Tgt Ion:131 Resp: 482245
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 56.335 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

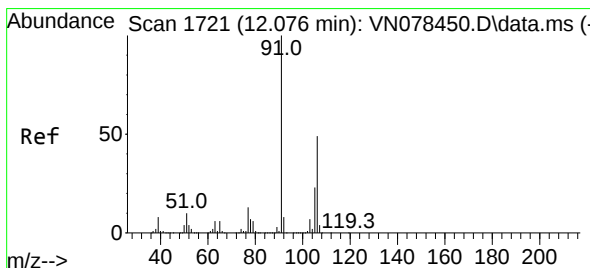
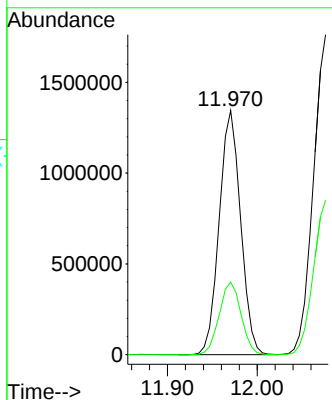
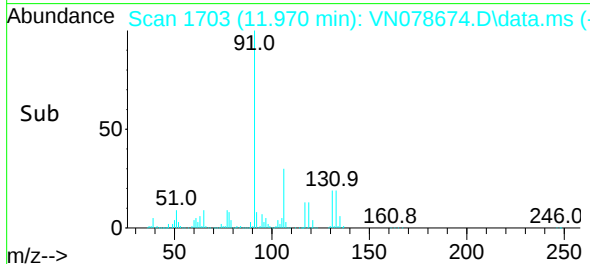
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



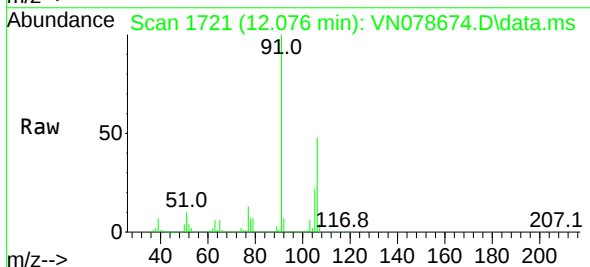
Tgt Ion: 91 Resp: 222814
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

Manual Integrations
APPROVED

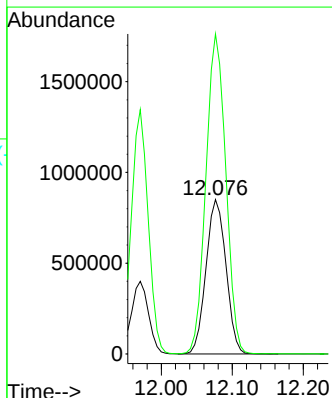
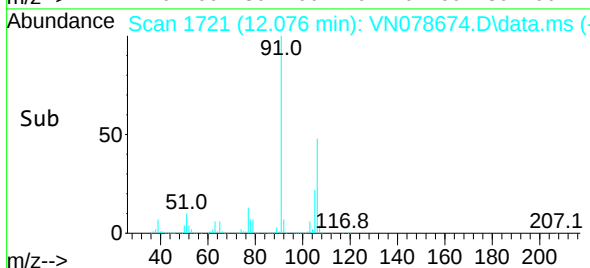
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

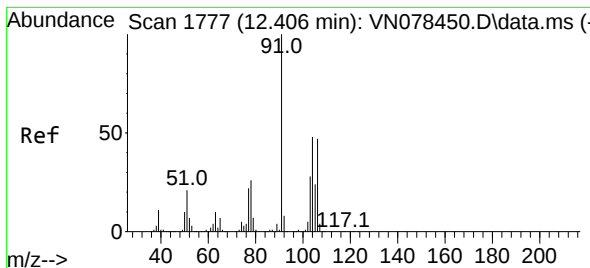


#68
m/p-Xylenes
Concen: 113.596 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



Tgt Ion:106 Resp: 1661166
Ion Ratio Lower Upper
106 100
91 206.0 159.6 239.4





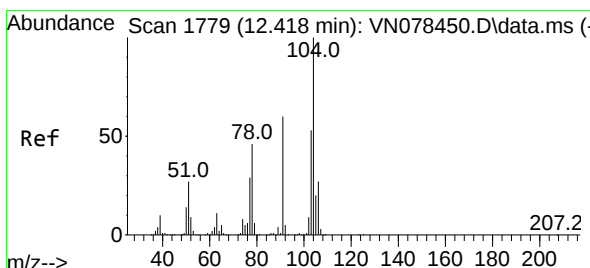
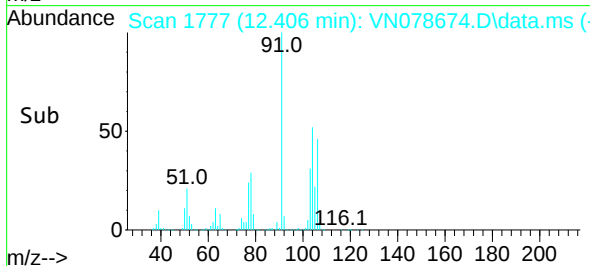
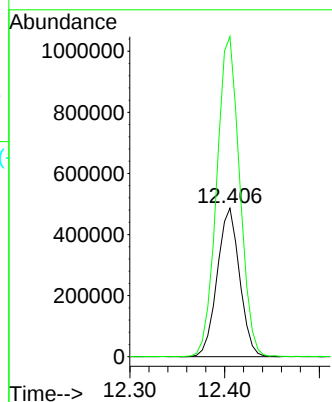
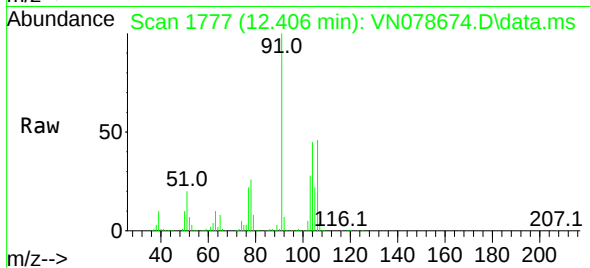
#69
o-Xylene
Concen: 54.046 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 79829
Ion Ratio Lower Upper
106 100
91 221.9 105.2 315.5

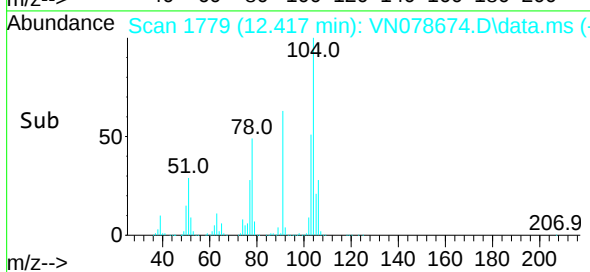
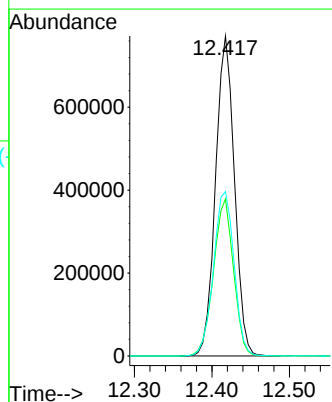
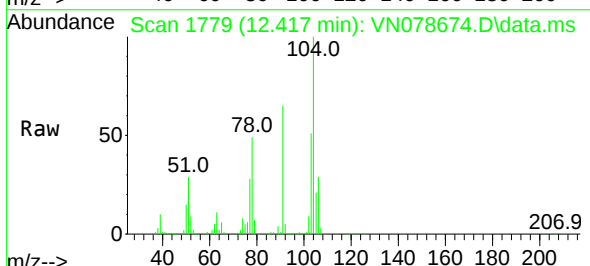
Manual Integrations
APPROVED

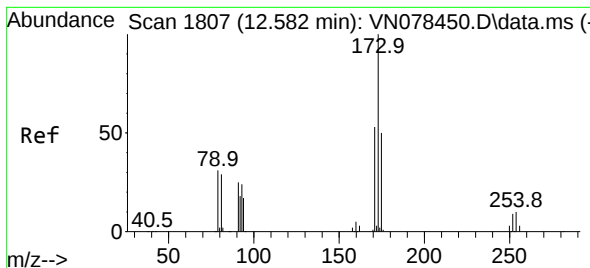
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#70
Styrene
Concen: 56.561 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion:104 Resp: 1307014
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 56.517 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN078674.D

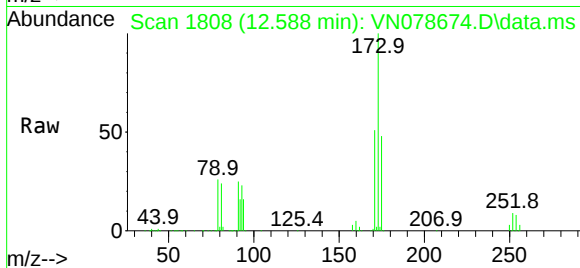
Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 344548

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

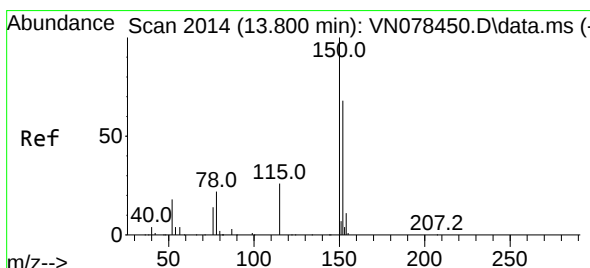
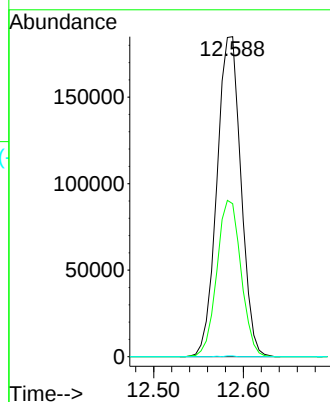
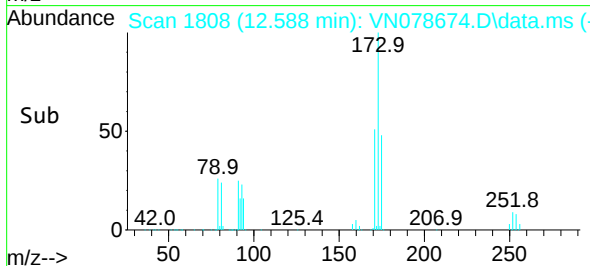
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

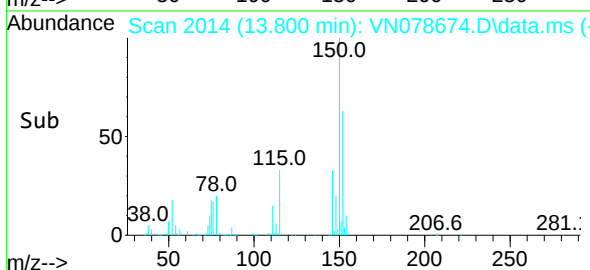
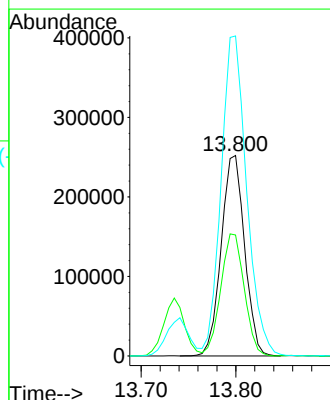
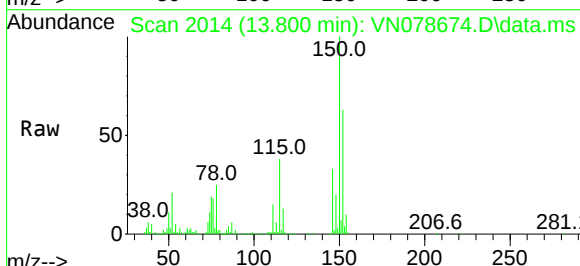
Tgt Ion:152 Resp: 433311

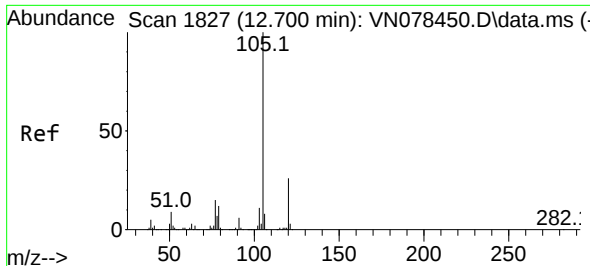
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

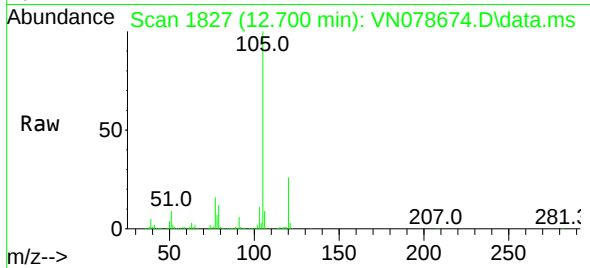
150 174.1 0.0 355.8





#73
Isopropylbenzene
Concen: 48.957 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

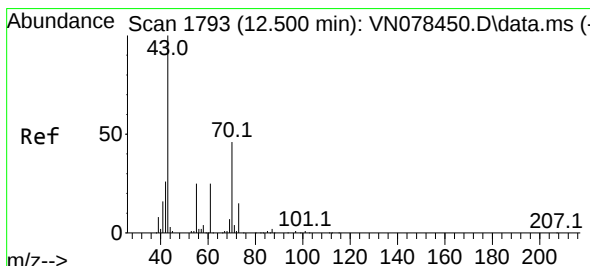
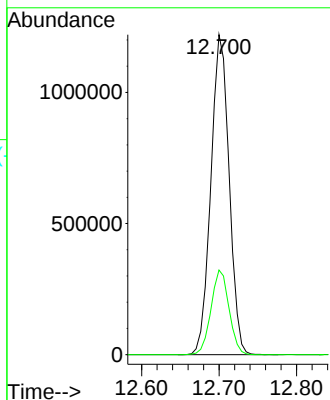
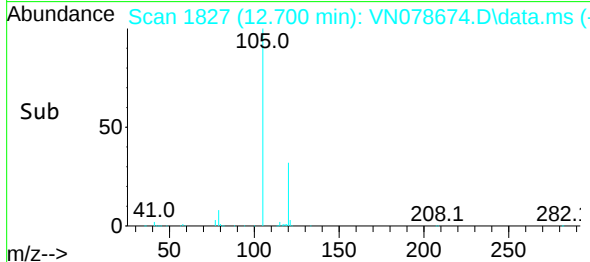
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



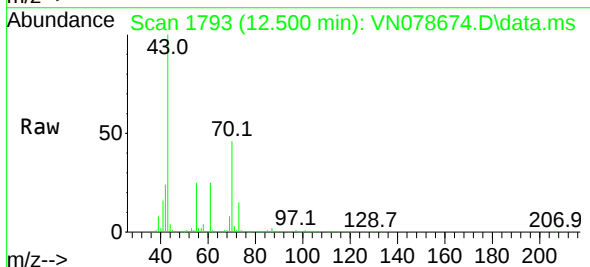
Tgt Ion:105 Resp: 1993330
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

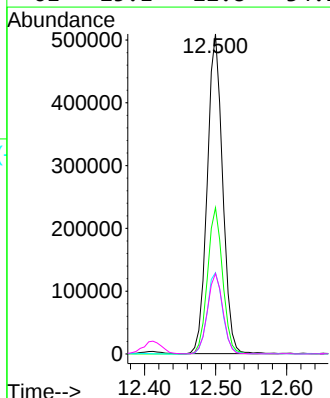
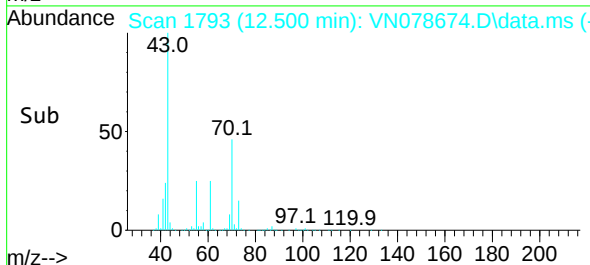
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

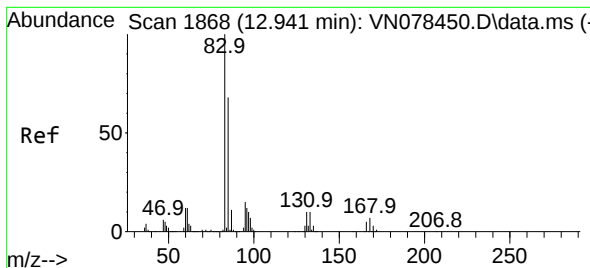


#74
N-ethyl acetate
Concen: 54.588 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



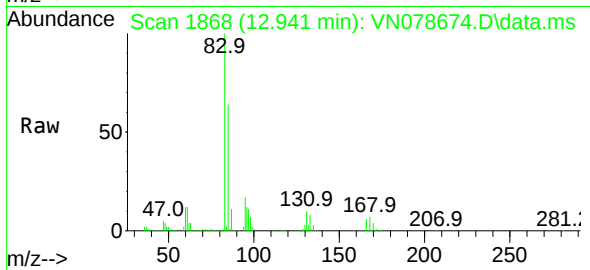
Tgt Ion: 43 Resp: 765940
Ion Ratio Lower Upper
43 100
70 44.8 43.4 65.2
55 25.5 21.4 32.0
61 25.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 58.124 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

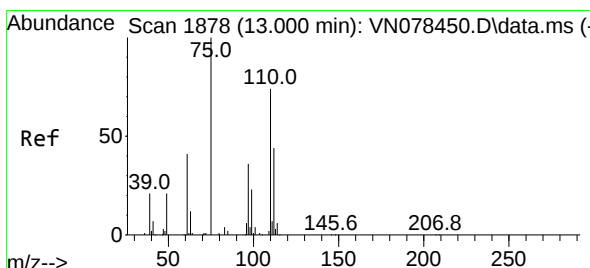
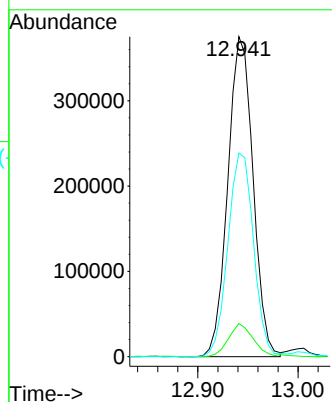
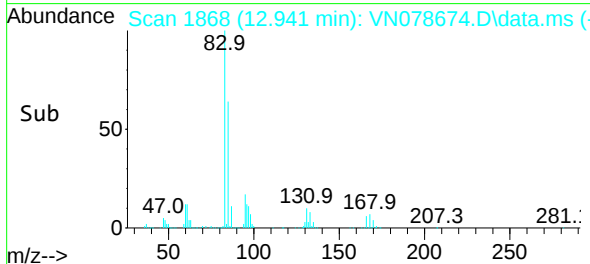
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



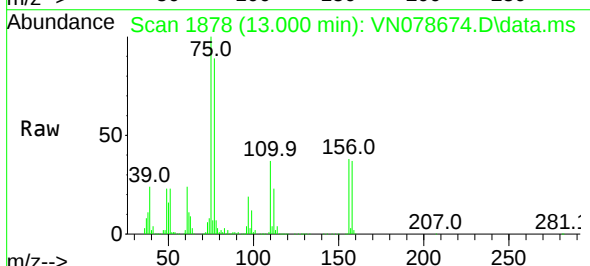
Tgt Ion: 83 Resp: 65527
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.9 31.9 95.7

Manual Integrations
APPROVED

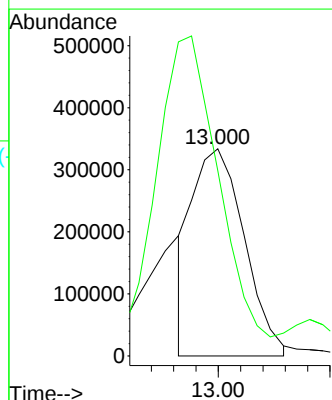
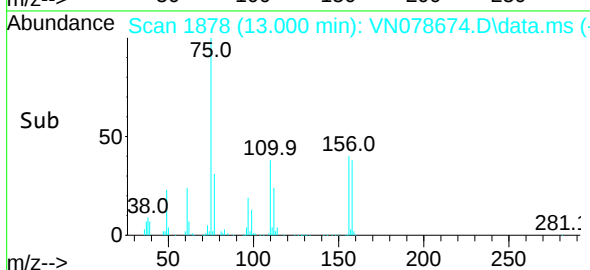
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

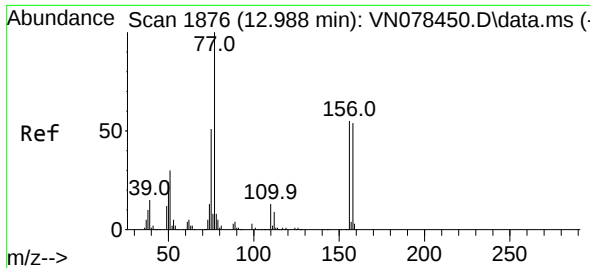


#76
1,2,3-Trichloropropane
Concen: 51.848 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



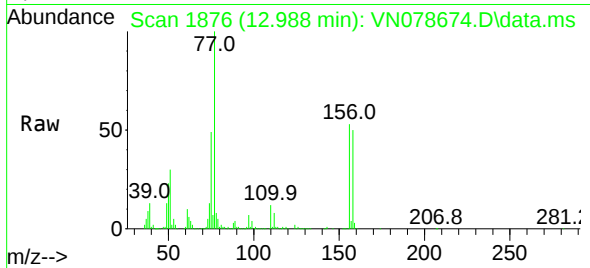
Tgt Ion: 75 Resp: 543038
Ion Ratio Lower Upper
75 100
77 189.5 84.5 253.5





#77
Bromobenzene
Concen: 53.642 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

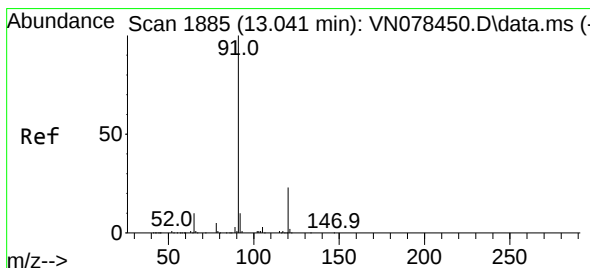
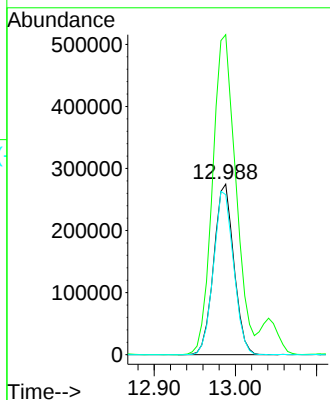
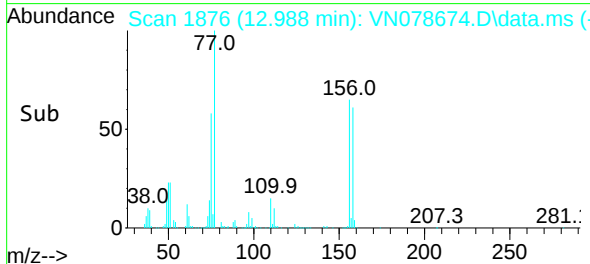
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



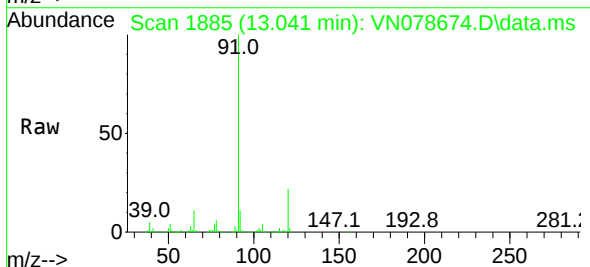
Tgt Ion:156 Resp: 47396
Ion Ratio Lower Upper
156 100
77 217.2 107.7 323.3
158 95.7 48.4 145.3

Manual Integrations
APPROVED

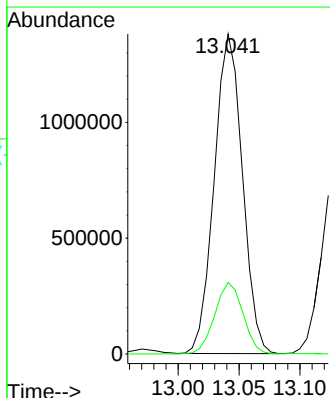
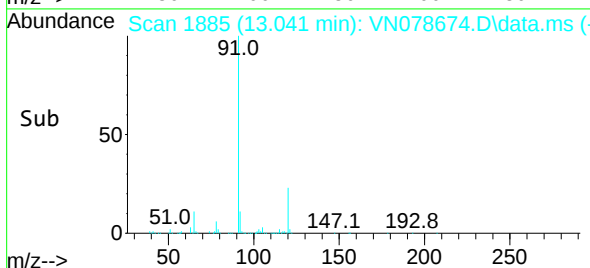
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

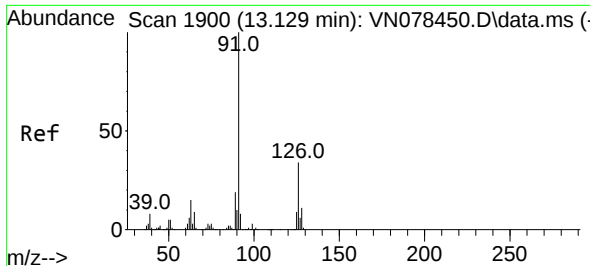


#78
n-propylbenzene
Concen: 50.959 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



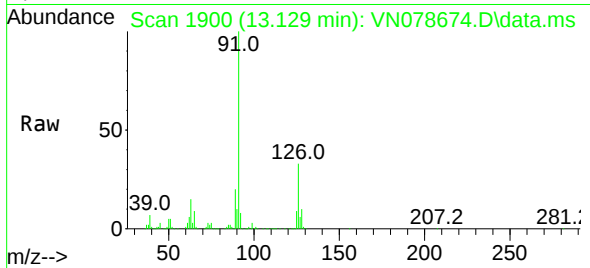
Tgt Ion: 91 Resp: 2218906
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.365 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

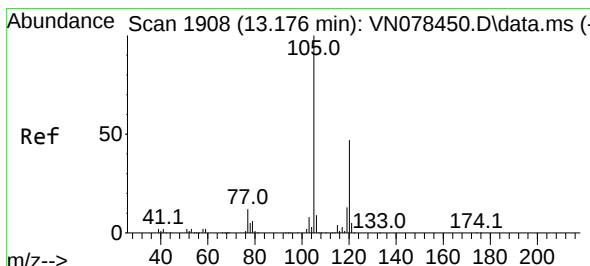
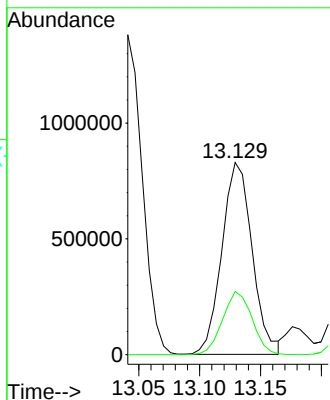
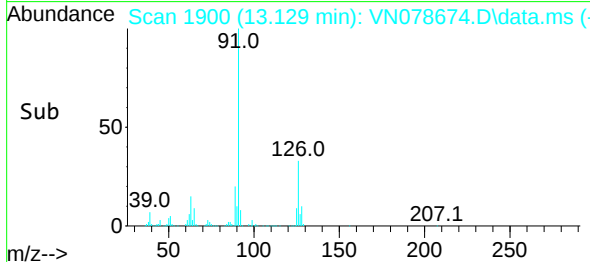
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



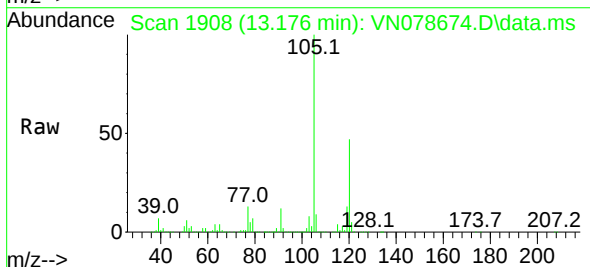
Tgt Ion: 91 Resp: 1436488
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

Manual Integrations
APPROVED

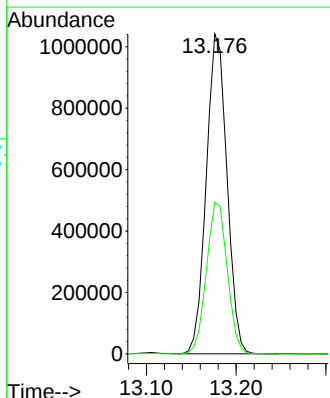
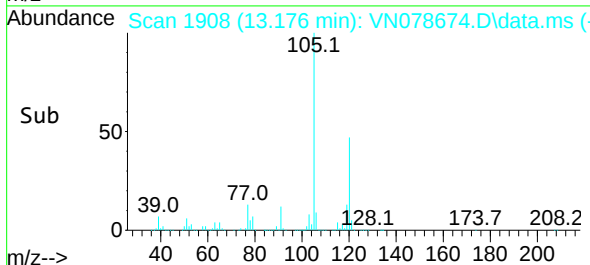
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

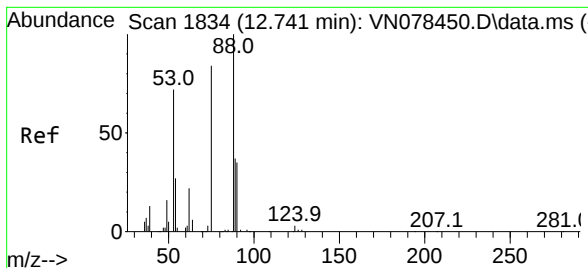


#80
1,3,5-Trimethylbenzene
Concen: 51.811 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



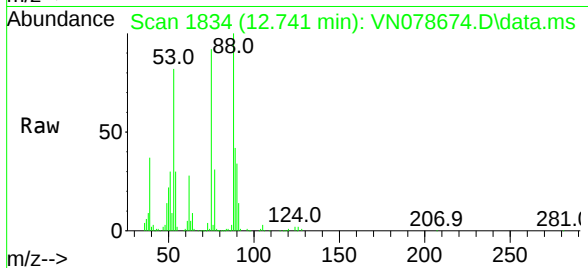
Tgt Ion:105 Resp: 1666800
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.520 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

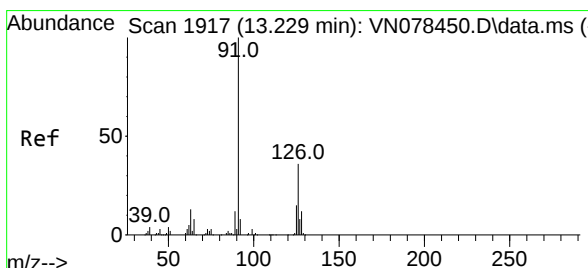
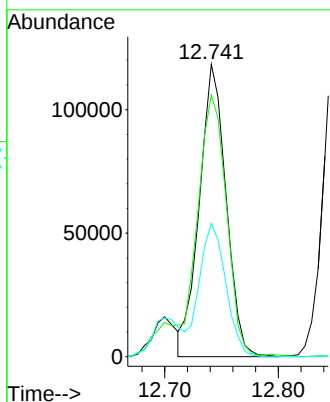
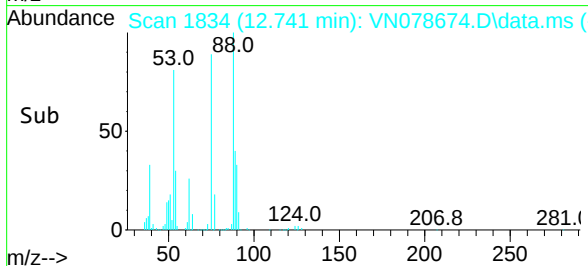
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 193384
Ion Ratio Lower Upper
75 100
53 107.4 67.4 101.2
89 45.1 38.8 58.2

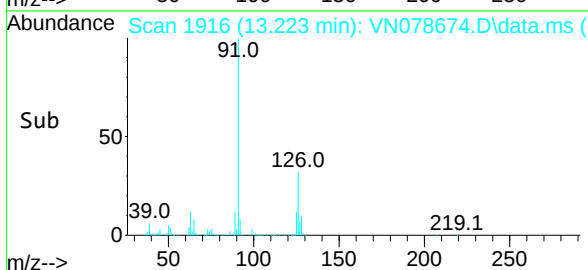
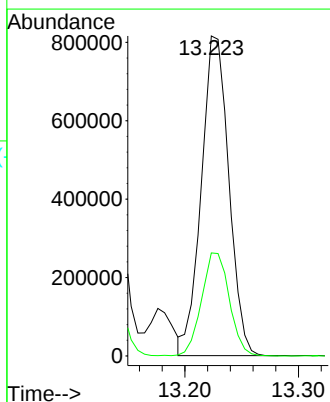
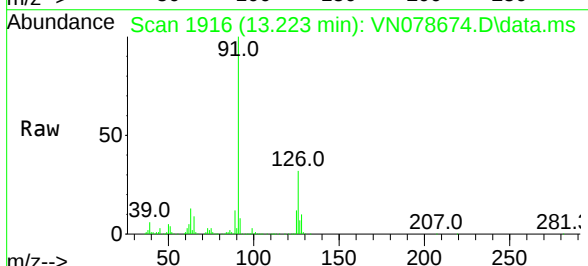
Manual Integrations
APPROVED

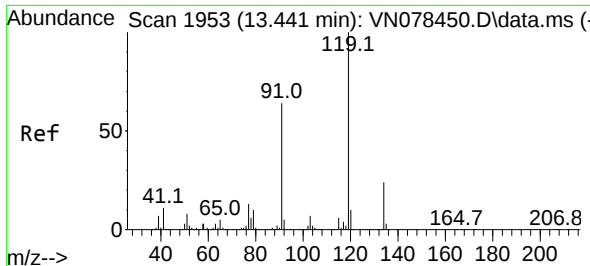
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#82
4-Chlorotoluene
Concen: 51.628 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

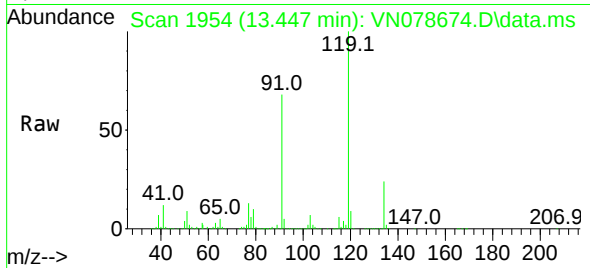
Tgt Ion: 91 Resp: 1373662
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.413 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

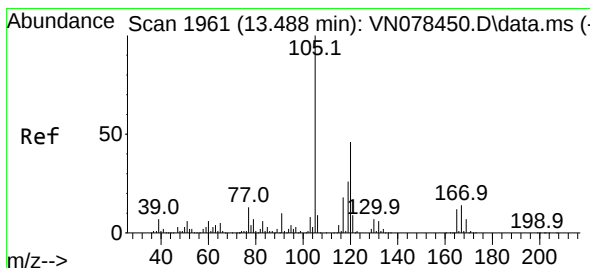
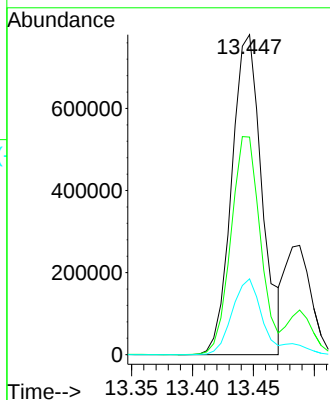
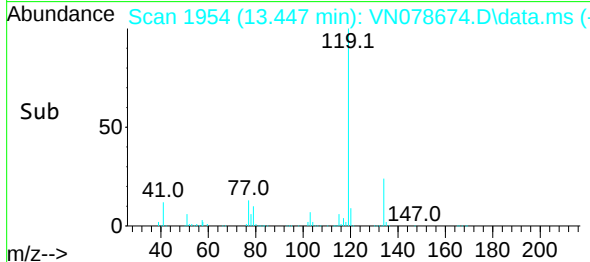
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



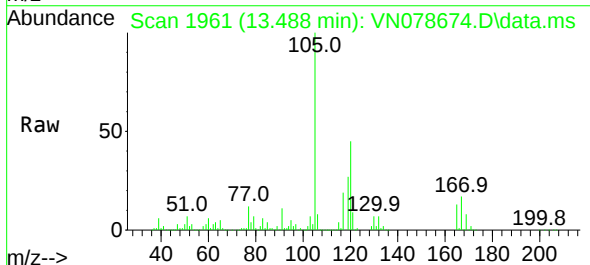
Tgt Ion:119 Resp: 1349608
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations
APPROVED

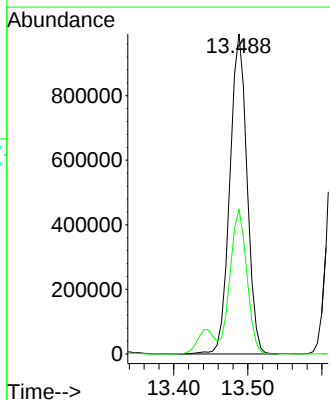
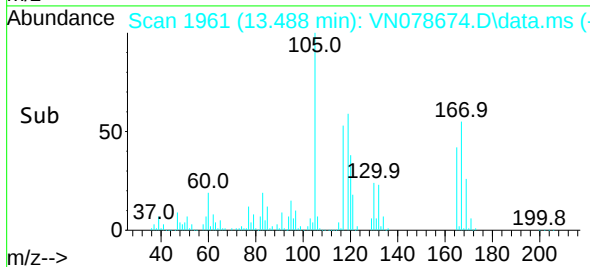
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

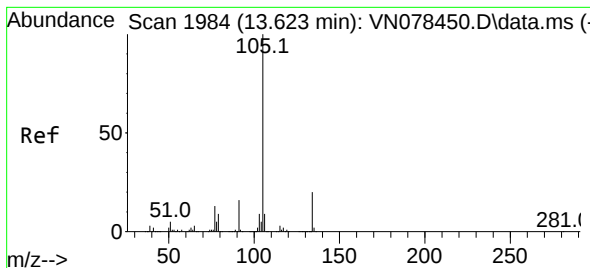


#84
1,2,4-Trimethylbenzene
Concen: 50.955 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



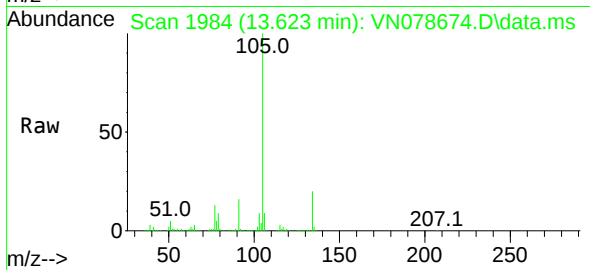
Tgt Ion:105 Resp: 1592253
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.741 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078674.D
 Acq: 27 Jul 2023 21:00

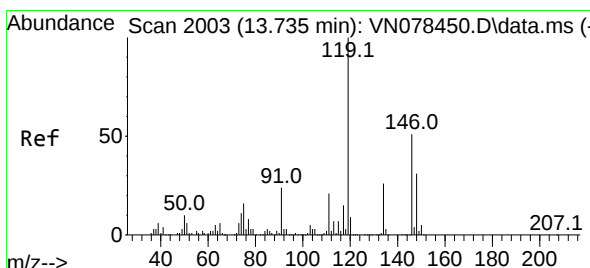
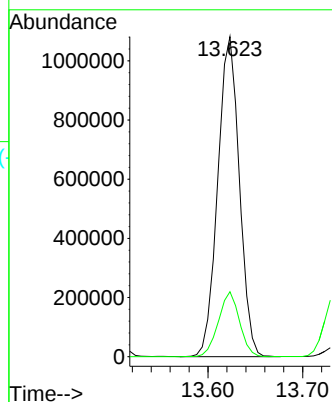
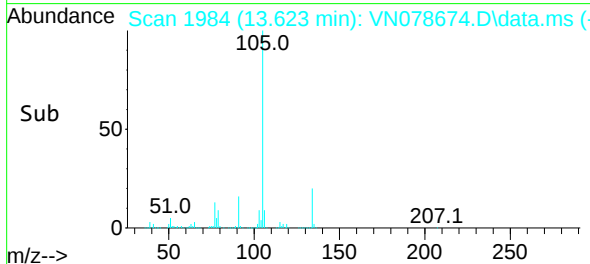
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



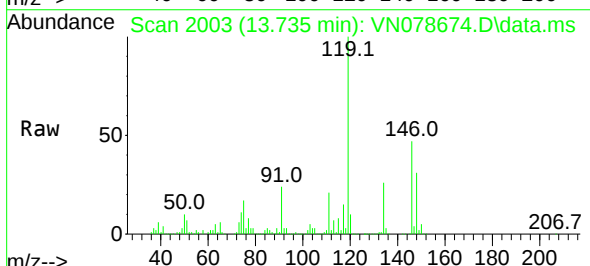
Tgt Ion:105 Resp: 171722
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

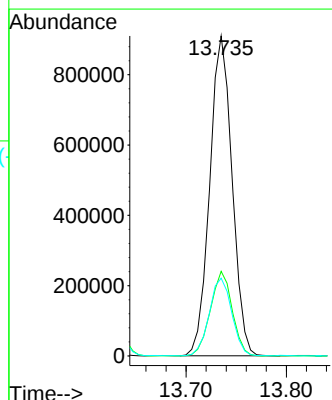
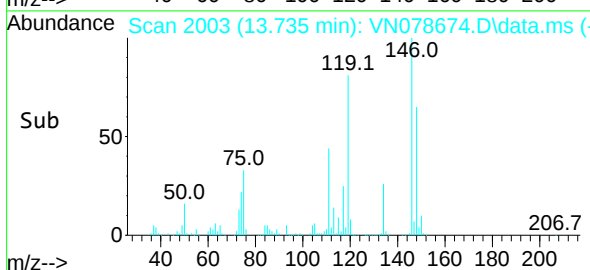
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

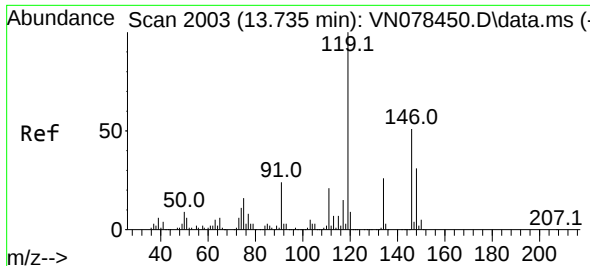


#86
 p-Isopropyltoluene
 Concen: 50.927 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078674.D
 Acq: 27 Jul 2023 21:00



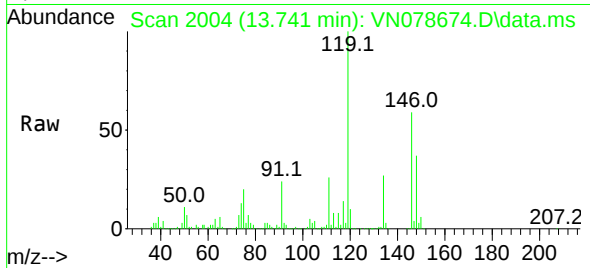
Tgt Ion:119 Resp: 1411754
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.242 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

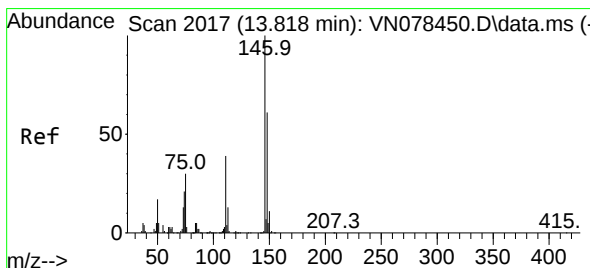
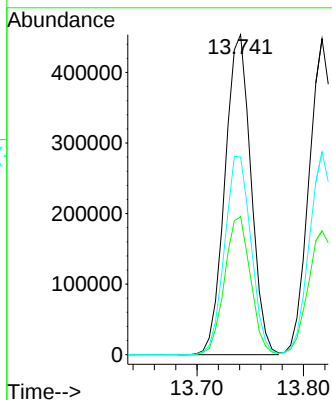
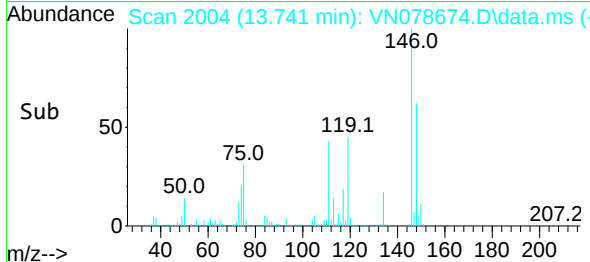
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 769670
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.3
148 63.0 32.0 96.0

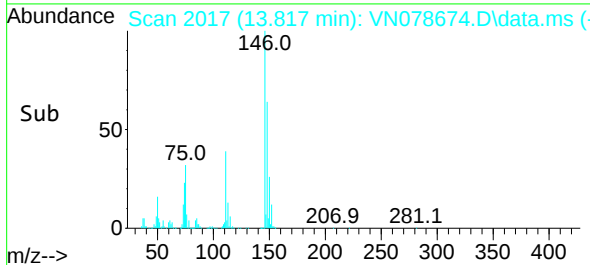
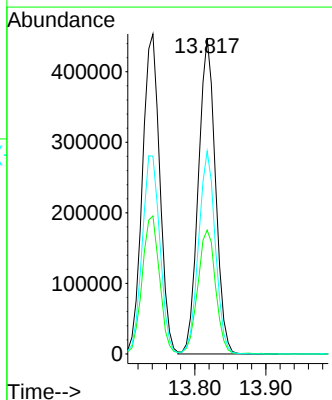
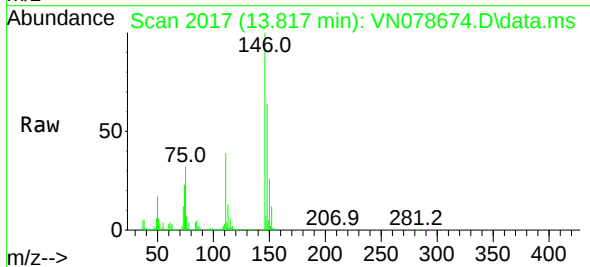
Manual Integrations
APPROVED

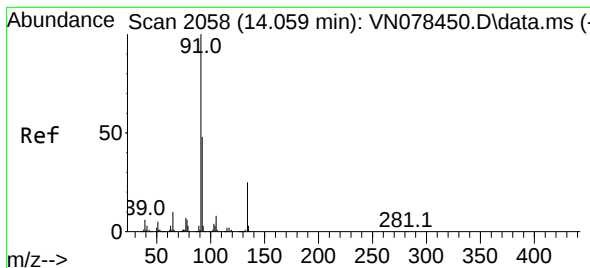
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#88
1,4-Dichlorobenzene
Concen: 47.623 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

Tgt Ion:146 Resp: 749769
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 53.099 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 105319

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

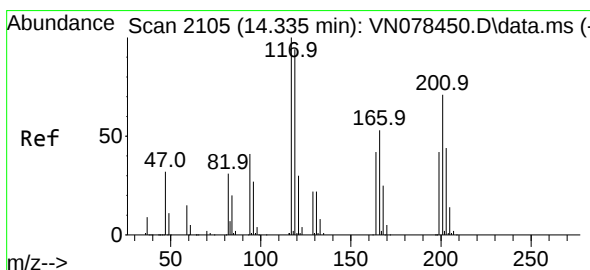
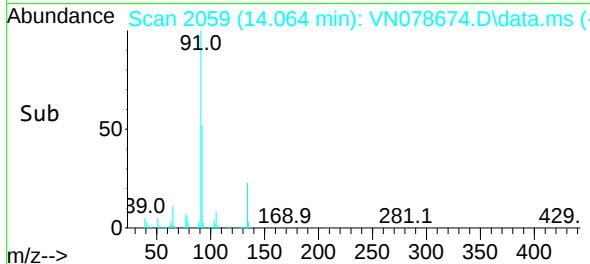
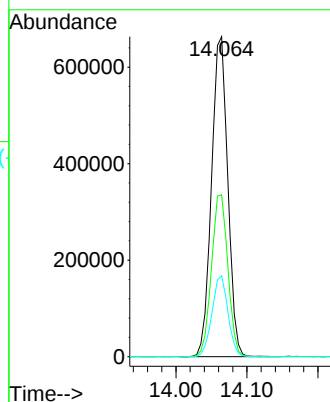
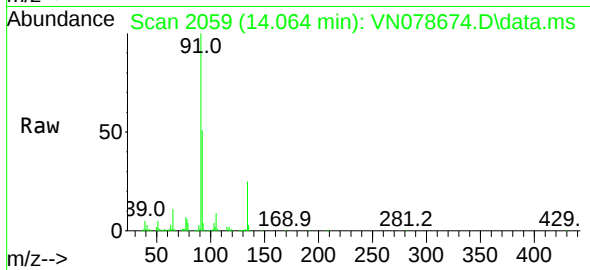
134 24.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#90

Hexachloroethane

Concen: 52.217 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078674.D

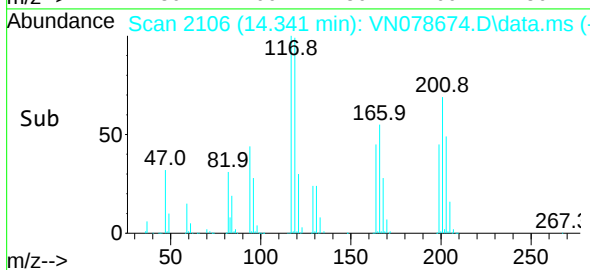
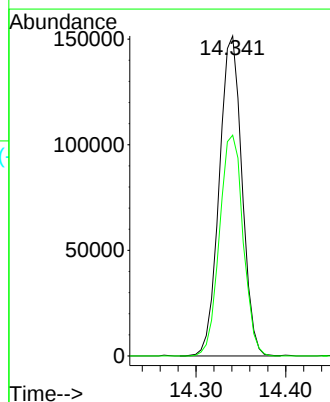
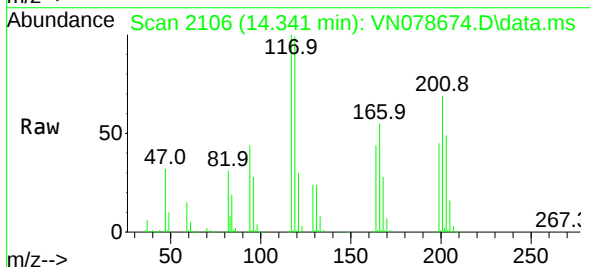
Acq: 27 Jul 2023 21:00

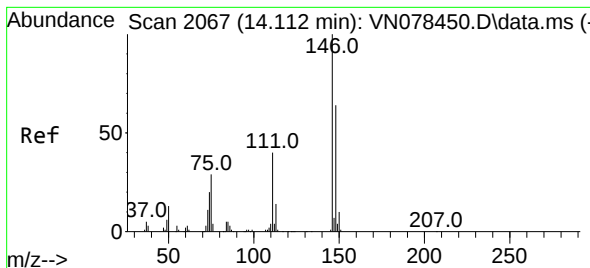
Tgt Ion:117 Resp: 265868

Ion Ratio Lower Upper

117 100

201 71.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 47.280 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 73544

Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

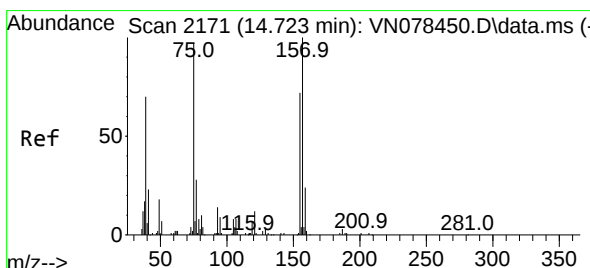
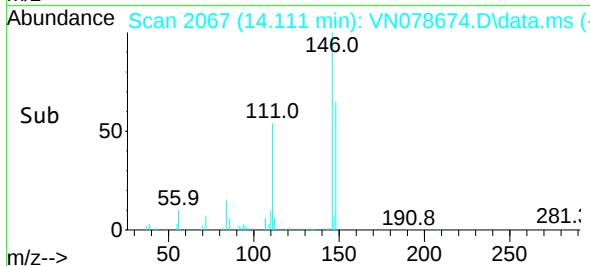
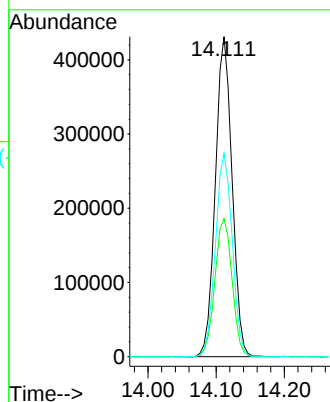
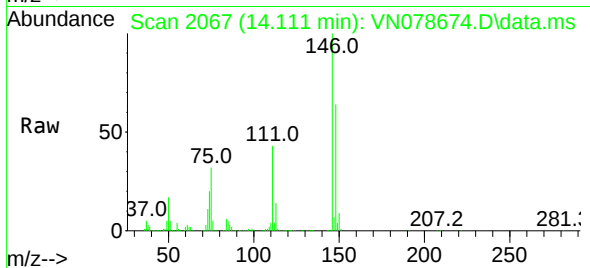
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.775 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078674.D

Acq: 27 Jul 2023 21:00

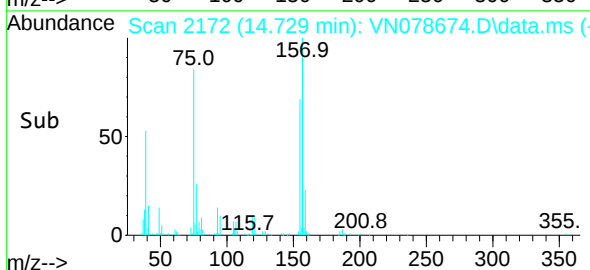
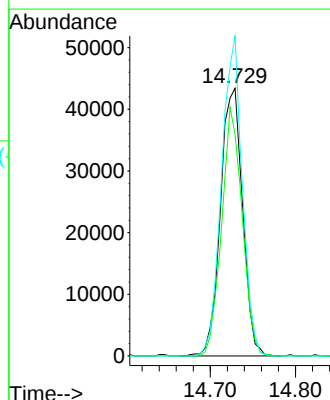
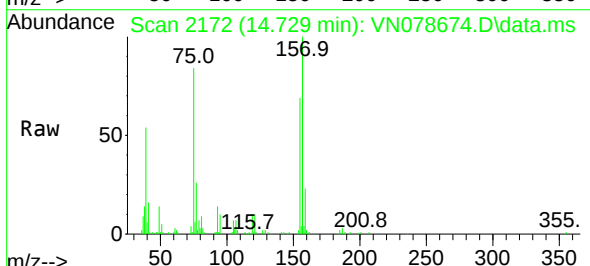
Tgt Ion: 75 Resp: 78294

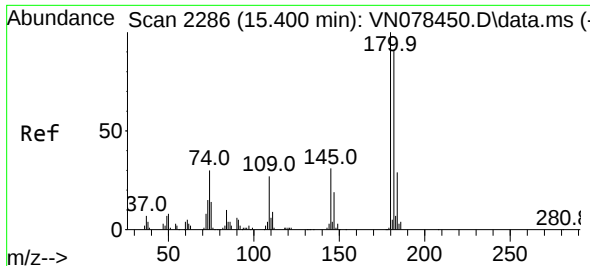
Ion Ratio Lower Upper

75 100

155 86.1 39.1 117.2

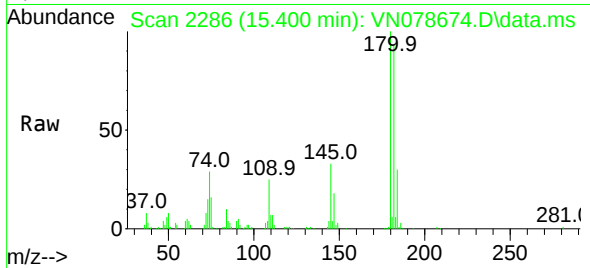
157 111.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 36.439 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

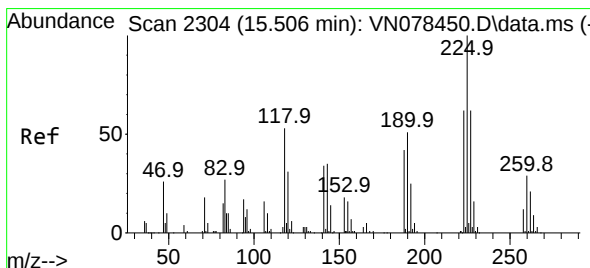
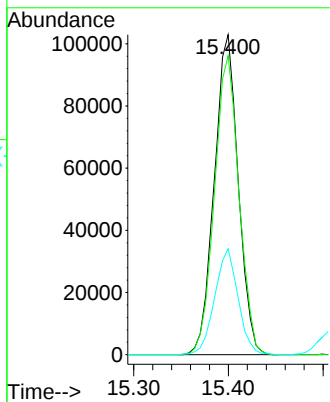
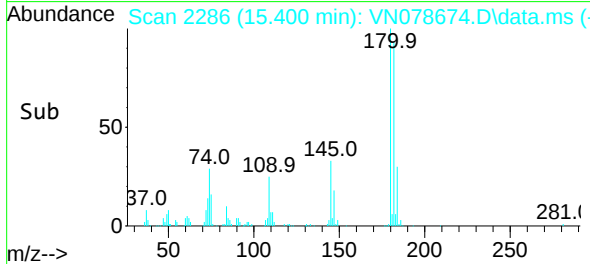
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



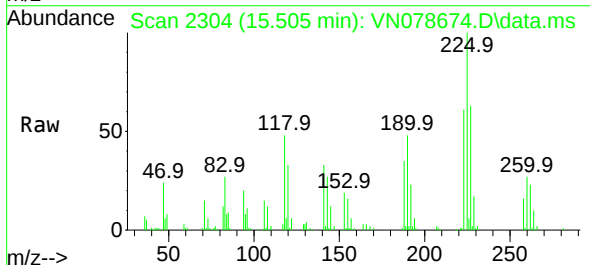
Tgt Ion:180 Resp: 18090
Ion Ratio Lower Upper
180 100
182 95.4 46.1 138.2
145 32.3 16.6 49.8

Manual Integrations
APPROVED

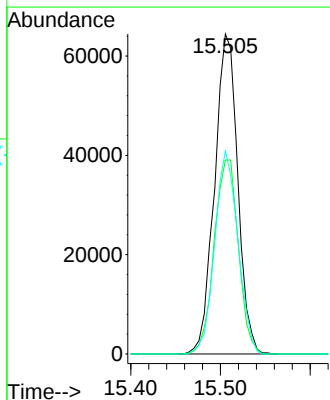
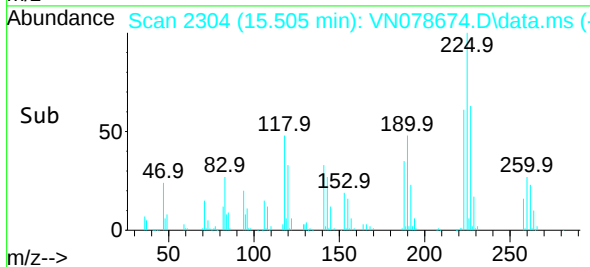
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

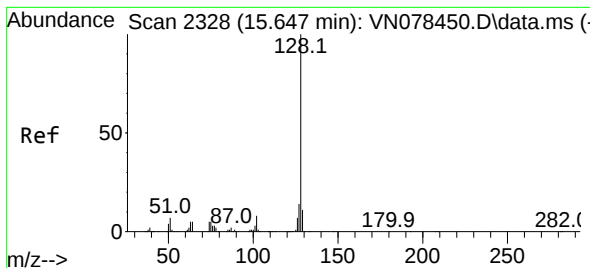


#94
Hexachlorobutadiene
Concen: 44.607 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



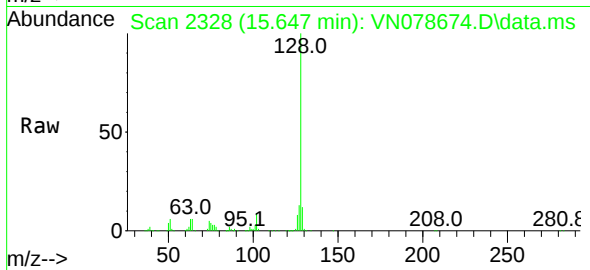
Tgt Ion:225 Resp: 115706
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 63.6 31.9 95.9





#95
Naphthalene
Concen: 31.951 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00

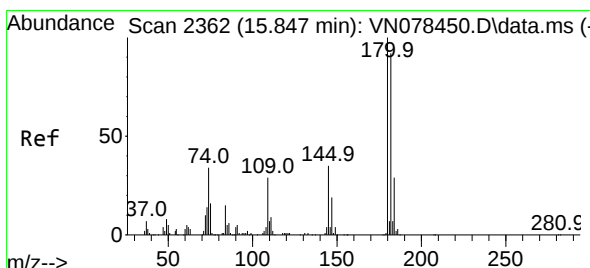
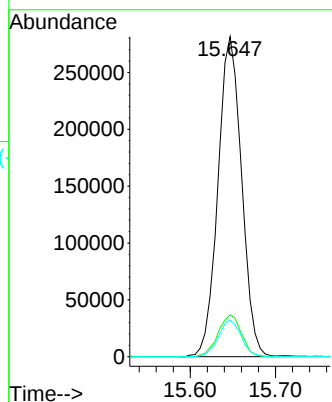
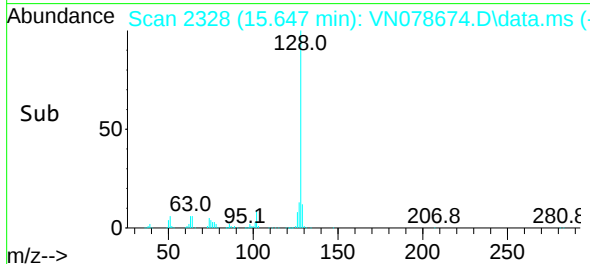
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



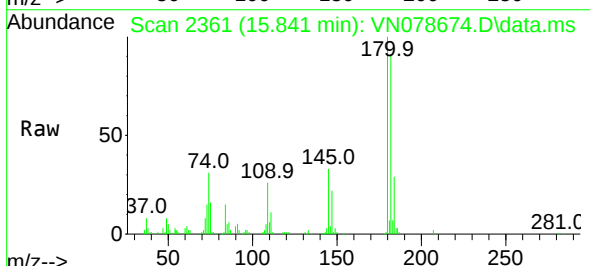
Tgt Ion:128 Resp: 542270
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 34.888 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078674.D
Acq: 27 Jul 2023 21:00



Tgt Ion:180 Resp: 199155
Ion Ratio Lower Upper
180 100
182 98.9 46.2 138.6
145 33.5 17.5 52.6

