

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079617.D
 Acq On : 19 Oct 2023 16:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 01:30:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	245586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	429356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	394408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189047	47.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.960%		
35) Dibromofluoromethane	8.171	113	153398	49.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.440%		
50) Toluene-d8	10.570	98	573707	51.388	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.780%		
62) 4-Bromofluorobenzene	12.853	95	189086	52.775	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	152930	43.457	ug/l	100
3) Chloromethane	2.365	50	172169	39.210	ug/l	100
4) Vinyl Chloride	2.518	62	193513	42.369	ug/l	100
5) Bromomethane	2.953	94	108959	39.850	ug/l	99
6) Chloroethane	3.118	64	136860	39.746	ug/l	95
7) Trichlorofluoromethane	3.500	101	252769	46.873	ug/l	96
8) Diethyl Ether	3.959	74	91607	47.650	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	142787	45.310	ug/l	99
10) Methyl Iodide	4.594	142	158651	58.016	ug/l	97
11) Tert butyl alcohol	5.524	59	104172	173.817	ug/l	98
12) 1,1-Dichloroethene	4.341	96	136587	47.073	ug/l	90
13) Acrolein	4.183	56	154748	259.315	ug/l	96
14) Allyl chloride	5.030	41	207188	44.247	ug/l	90
15) Acrylonitrile	5.718	53	384900	221.522	ug/l	99
16) Acetone	4.430	43	351413	222.499	ug/l	97
17) Carbon Disulfide	4.712	76	365952	40.433	ug/l	99
18) Methyl Acetate	5.024	43	317285	41.044	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	462228	49.028	ug/l	93
20) Methylene Chloride	5.283	84	164921	47.656	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	151125	44.593	ug/l	85
22) Diisopropyl ether	6.671	45	522342	49.747	ug/l #	91
23) Vinyl Acetate	6.606	43	1422796	240.900	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	302060	47.005	ug/l	99
25) 2-Butanone	7.482	43	503859	214.943	ug/l #	81
26) 2,2-Dichloropropane	7.488	77	239513	48.772	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	179835	48.846	ug/l	87
28) Bromochloromethane	7.818	49	146813	48.017	ug/l #	75
29) Tetrahydrofuran	7.841	42	330862	218.237	ug/l #	76
30) Chloroform	7.971	83	311643	47.999	ug/l	91
31) Cyclohexane	8.259	56	239117	42.334	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	264839	48.470	ug/l	96
36) 1,1-Dichloropropene	8.371	75	222477	48.042	ug/l	96
37) Ethyl Acetate	7.559	43	210059	45.586	ug/l #	90
38) Carbon Tetrachloride	8.365	117	228121	49.206	ug/l	98
39) Methylcyclohexane	9.606	83	217591	48.906	ug/l #	90
40) Benzene	8.606	78	673995	49.007	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	110829	45.750	ug/l #	88
42) 1,2-Dichloroethane	8.676	62	241395	48.305	ug/l	97
43) Isopropyl Acetate	8.688	43	369601	45.783	ug/l #	88
44) Trichloroethene	9.353	130	158052	48.827	ug/l	95
45) 1,2-Dichloropropane	9.623	63	180202	49.730	ug/l	93
46) Dibromomethane	9.712	93	118943	50.682	ug/l	98
47) Bromodichloromethane	9.888	83	246973	51.159	ug/l	97
48) Methyl methacrylate	9.682	41	160636	46.435	ug/l #	85
49) 1,4-Dioxane	9.694	88	55026	863.555	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1055156	231.539	ug/l	90
52) Toluene	10.629	92	417187	51.533	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	248191	51.016	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	276011	51.827	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	164340	50.565	ug/l	98
56) Ethyl methacrylate	10.876	69	236148	52.877	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	286614	51.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	442156	258.520	ug/l	89
59) 2-Hexanone	11.200	43	755109	229.623	ug/l	88
60) Dibromochloromethane	11.359	129	172983	52.958	ug/l	99
61) 1,2-Dibromoethane	11.470	107	157685	48.889	ug/l	98
64) Tetrachloroethene	11.106	164	126089	46.472	ug/l	96
65) Chlorobenzene	11.894	112	423296	48.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	163510	50.842	ug/l	98
67) Ethyl Benzene	11.964	91	789561	51.718	ug/l	97
68) m/p-Xylenes	12.070	106	592056	106.732	ug/l	96
69) o-Xylene	12.400	106	285527	52.340	ug/l	96
70) Styrene	12.412	104	471259	54.690	ug/l	98
71) Bromoform	12.582	173	115579	49.104	ug/l #	98
73) Isopropylbenzene	12.700	105	728825	44.503	ug/l	99
74) N-amyl acetate	12.500	43	279972	41.700	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	234929	44.305	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	201820m	39.763	ug/l	
77) Bromobenzene	12.982	156	163076	40.610	ug/l	94
78) n-propylbenzene	13.041	91	861541	46.497	ug/l	97
79) 2-Chlorotoluene	13.129	91	517864	43.677	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	598885	46.375	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67382	38.520	ug/l #	80
82) 4-Chlorotoluene	13.223	91	499707	44.290	ug/l	99
83) tert-Butylbenzene	13.441	119	489067	46.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	599229	48.622	ug/l	100
85) sec-Butylbenzene	13.617	105	694753	47.076	ug/l	100
86) p-Isopropyltoluene	13.729	119	561460	49.592	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	295230	46.354	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	287381	43.699	ug/l	99
89) n-Butylbenzene	14.058	91	466411	51.589	ug/l	98
90) Hexachloroethane	14.335	117	109810	47.727	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	284455	45.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34378	36.302	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	89105	46.309	ug/l	97
94) Hexachlorobutadiene	15.505	225	62608	41.778	ug/l	97
95) Naphthalene	15.647	128	217502	37.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92535	40.300	ug/l	97

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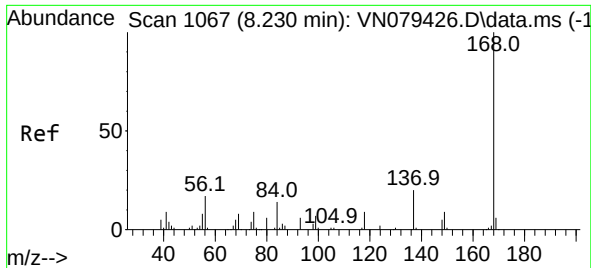
Manual Integrations
APPROVED

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Response via : Initial Calibration

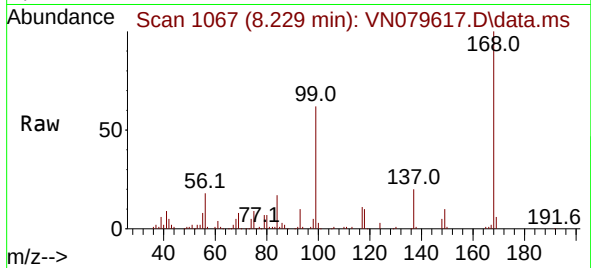
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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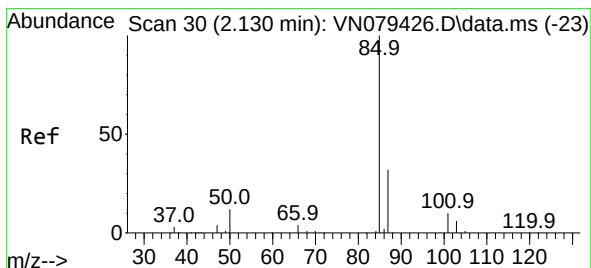
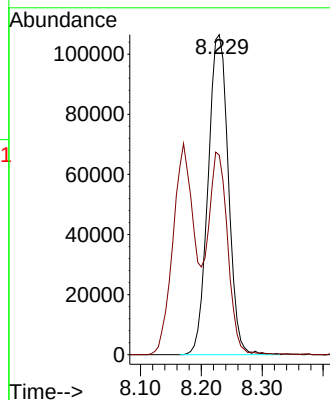
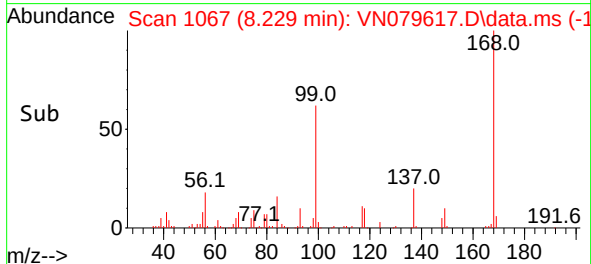
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 245580
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6

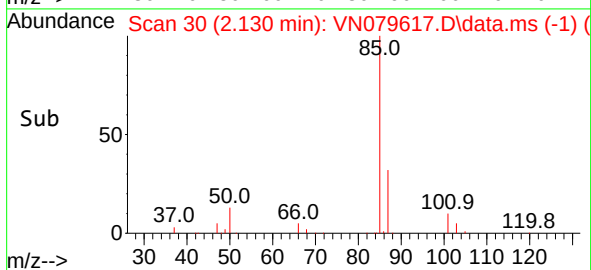
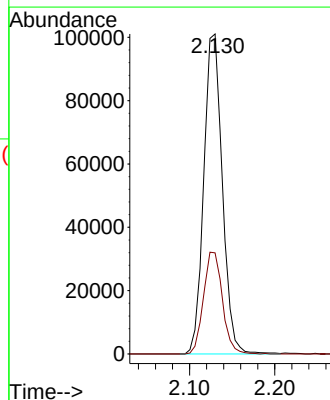
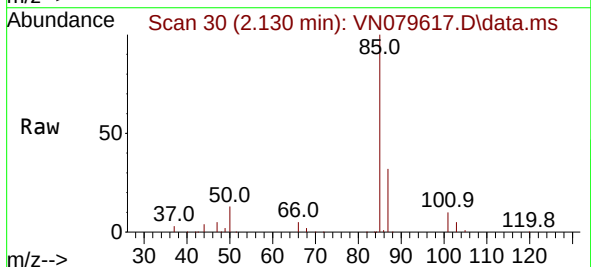
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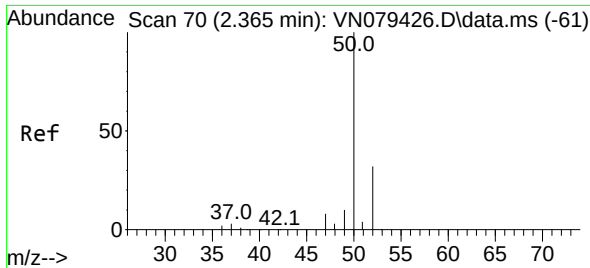
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 43.457 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

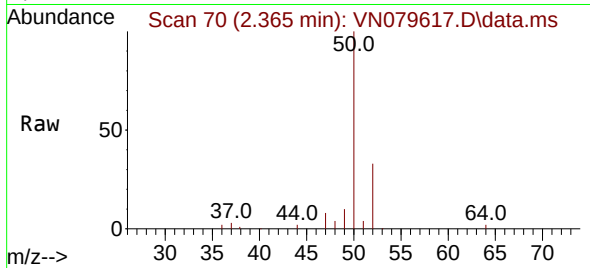
Tgt Ion: 85 Resp: 152930
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 39.210 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

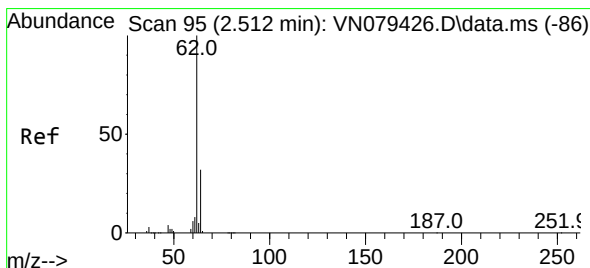
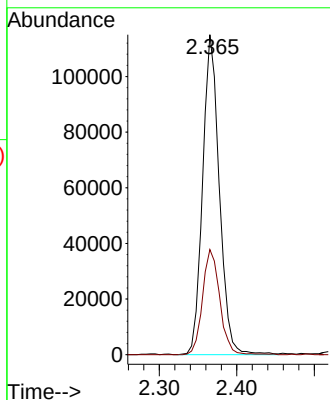
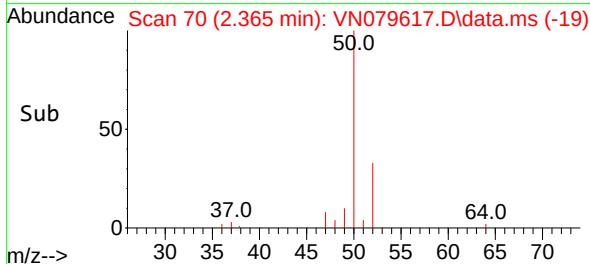
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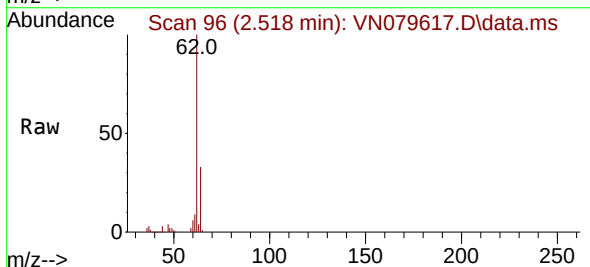
Tgt Ion: 50 Resp: 172169
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

Manual Integrations
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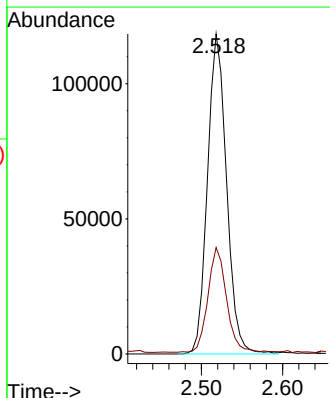
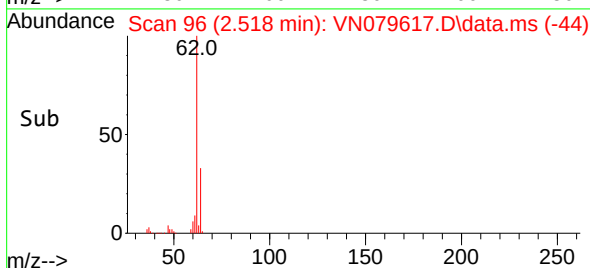
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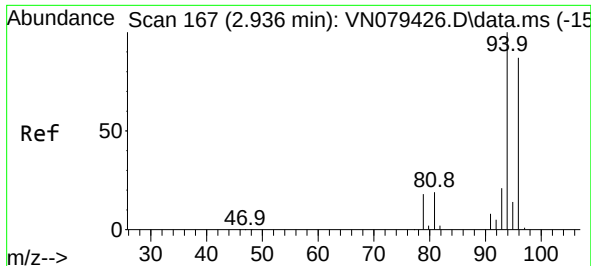


#4
Vinyl Chloride
Concen: 42.369 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40



Tgt Ion: 62 Resp: 193513
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5

Bromomethane

Concen: 39.850 ug/l

RT: 2.953 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 108959

Ion Ratio Lower Upper

94 100

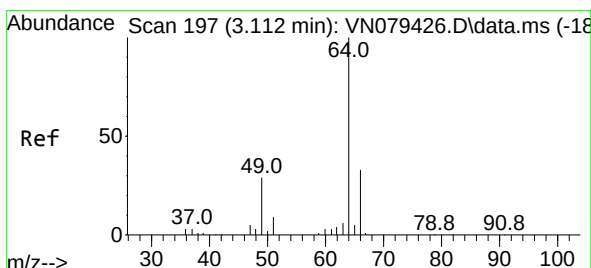
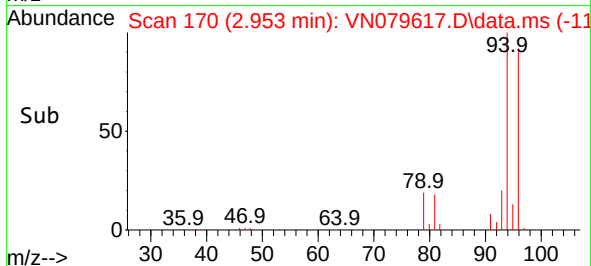
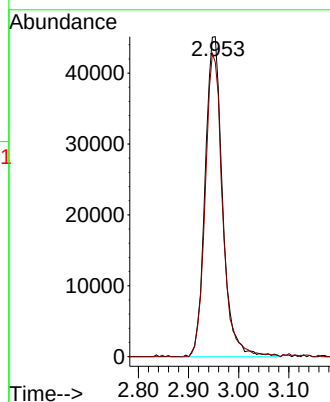
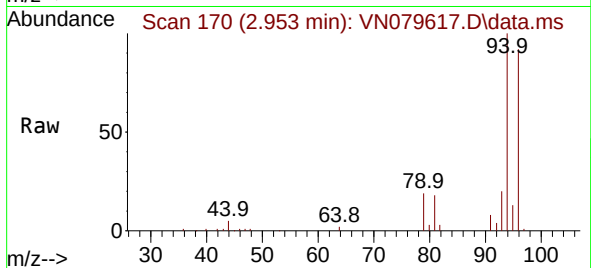
96 92.1 73.1 109.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/20/2023



#6

Chloroethane

Concen: 39.746 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN079617.D

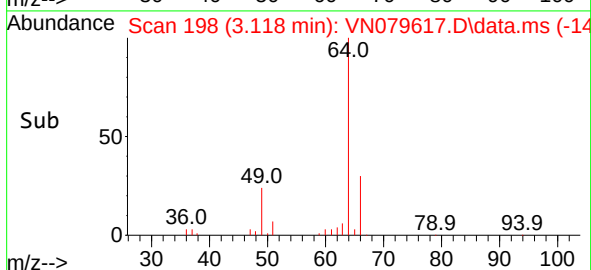
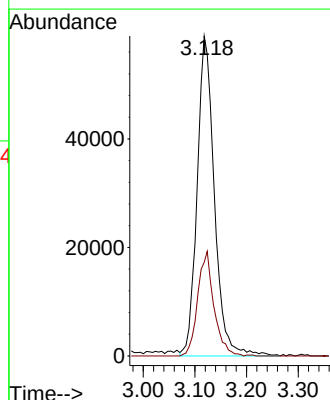
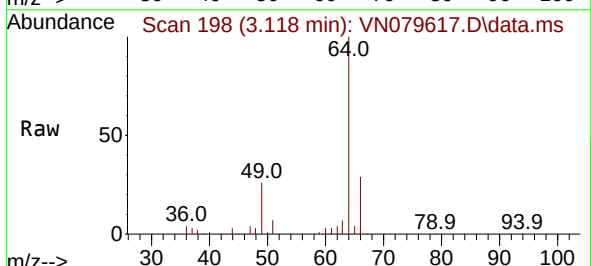
Acq: 19 Oct 2023 16:40

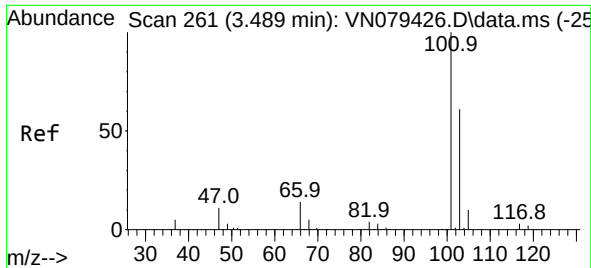
Tgt Ion: 64 Resp: 136860

Ion Ratio Lower Upper

64 100

66 29.3 25.4 38.2





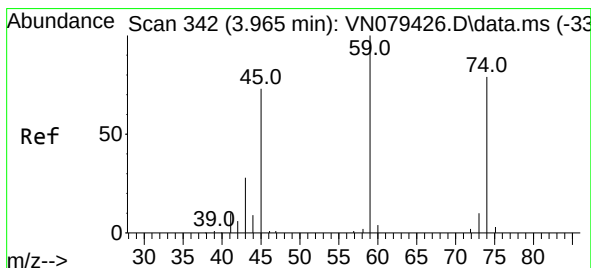
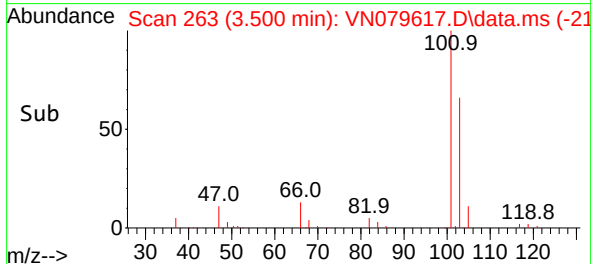
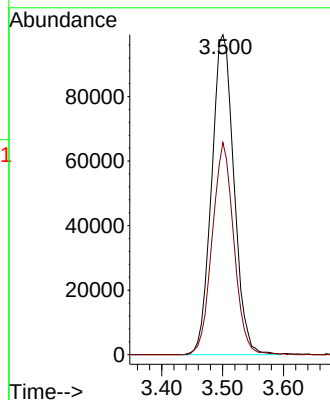
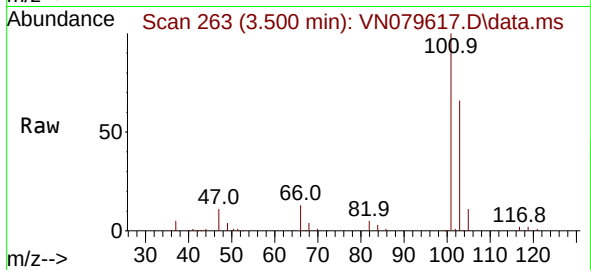
#7
Trichlorofluoromethane
Concen: 46.873 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.012 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 252769
Ion Ratio Lower Upper
101 100
103 66.3 50.7 76.1

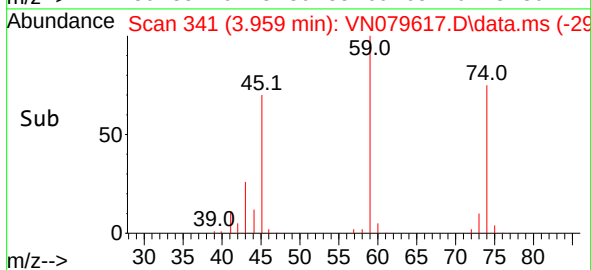
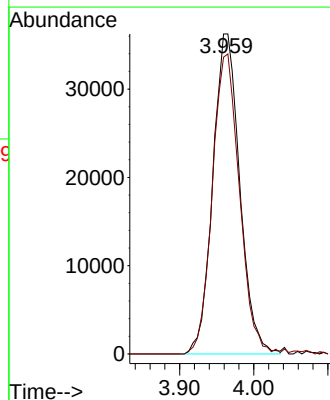
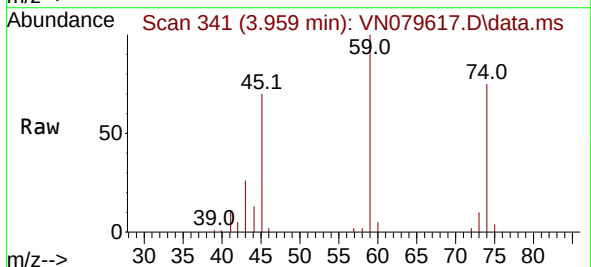
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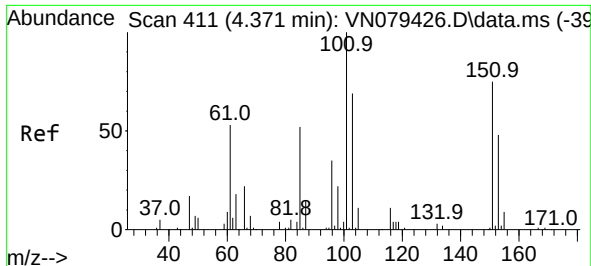
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 47.650 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079617.D
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Tgt Ion: 74 Resp: 91607
Ion Ratio Lower Upper
74 100
45 94.2 34.4 103.3





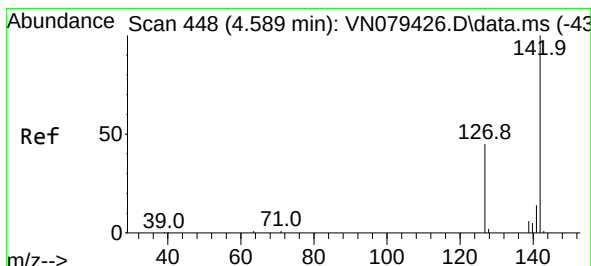
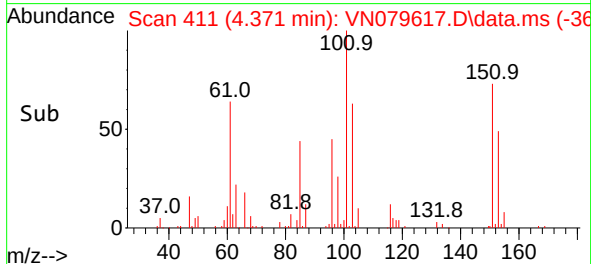
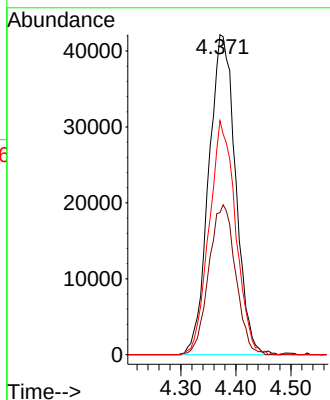
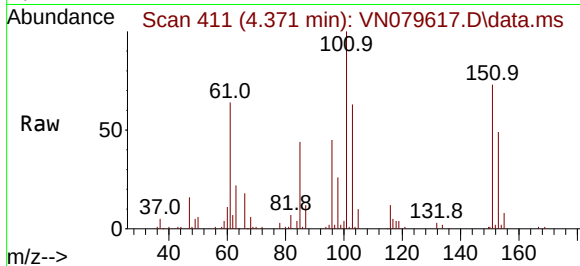
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.310 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14278
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 72.2 57.6 86.4

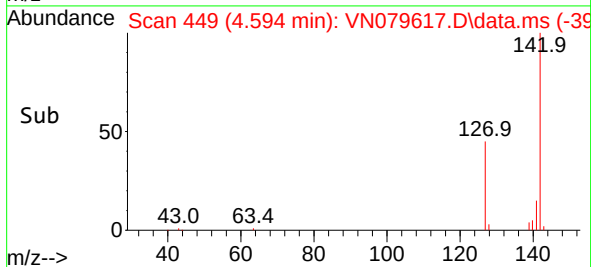
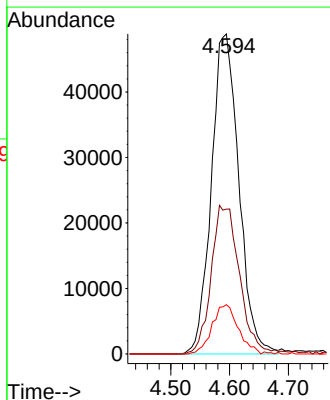
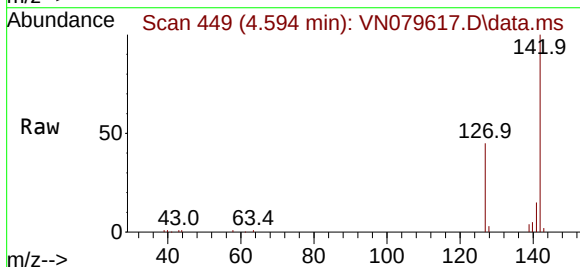
Manual Integrations
APPROVED

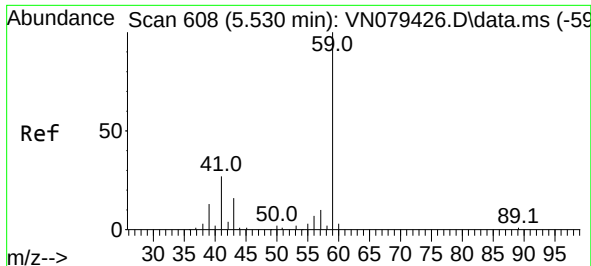
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 58.016 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

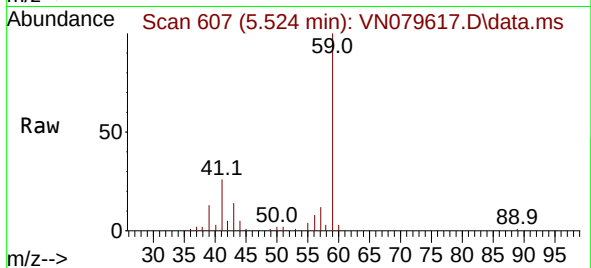
Tgt Ion:142 Resp: 158651
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 15.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 173.817 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

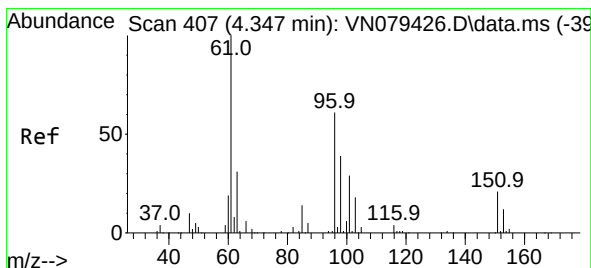
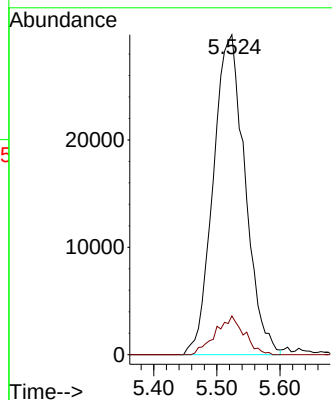
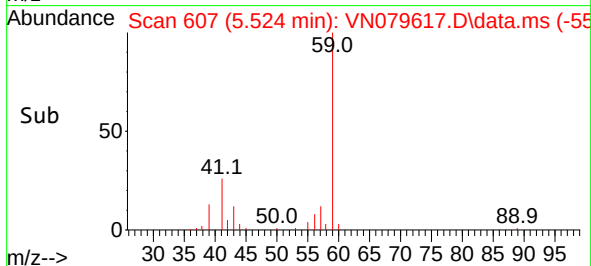
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 104172
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

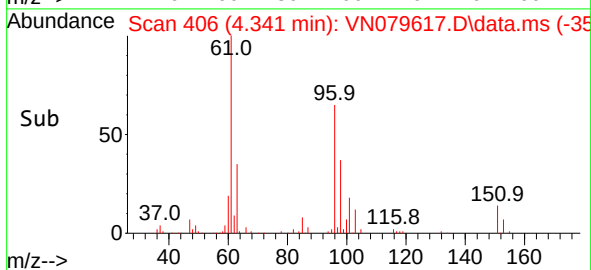
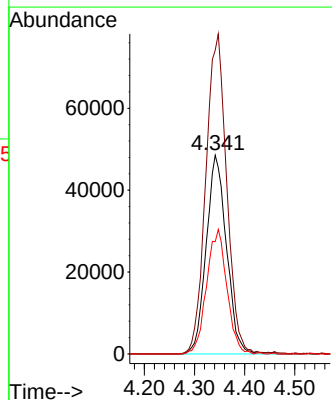
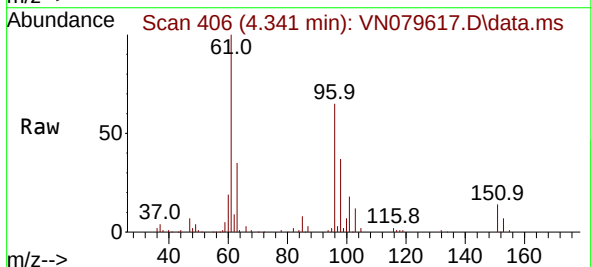
Manual Integrations
APPROVED

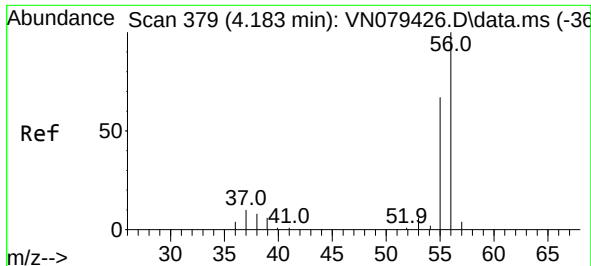
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 47.073 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

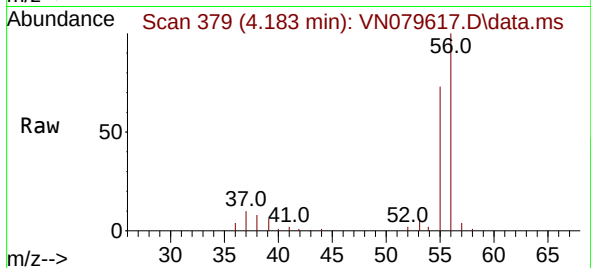
Tgt Ion: 96 Resp: 136587
Ion Ratio Lower Upper
96 100
61 152.9 112.7 169.1
98 56.5 51.2 76.8





#13
Acrolein
Concen: 259.315 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

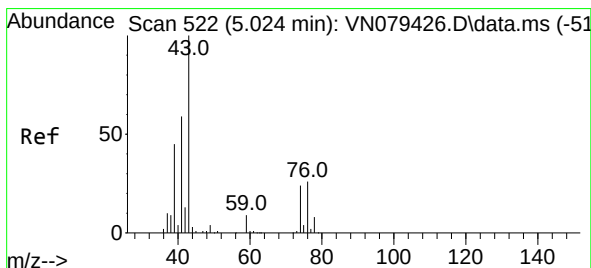
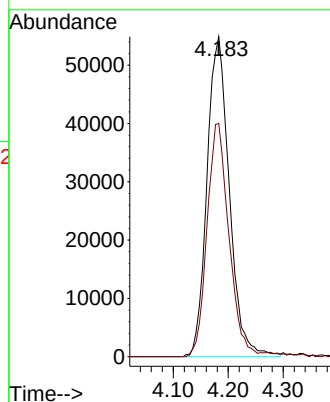
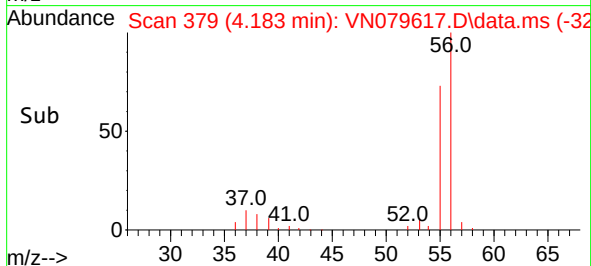
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 154748
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

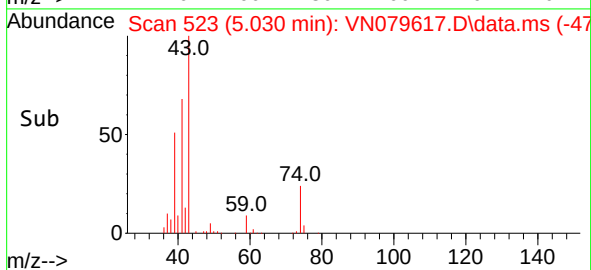
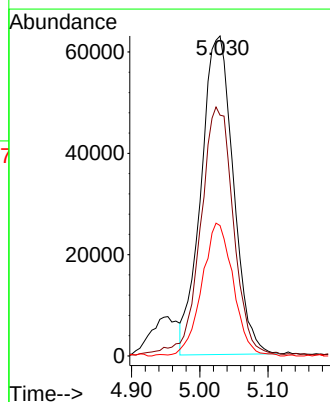
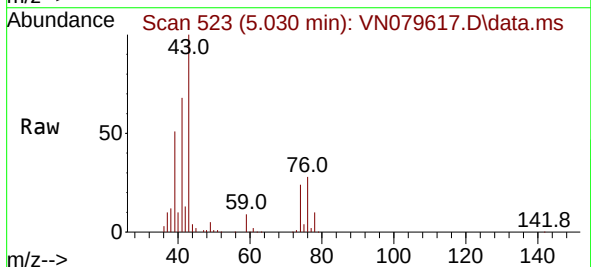
Manual Integrations
APPROVED

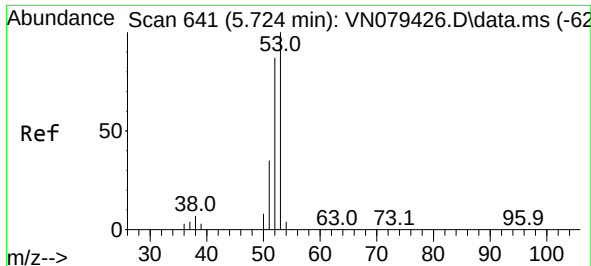
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 44.247 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

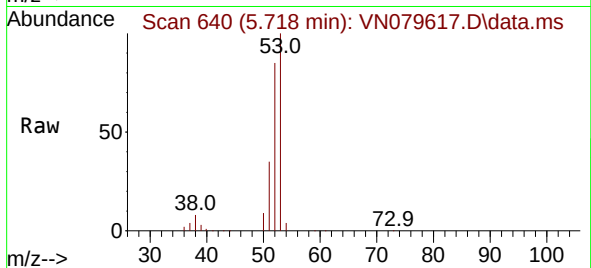
Tgt Ion: 41 Resp: 207188
Ion Ratio Lower Upper
41 100
39 80.3 58.8 88.2
76 40.5 39.1 58.7





#15
Acrylonitrile
Concen: 221.522 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

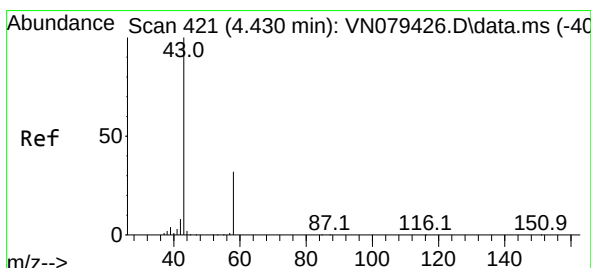
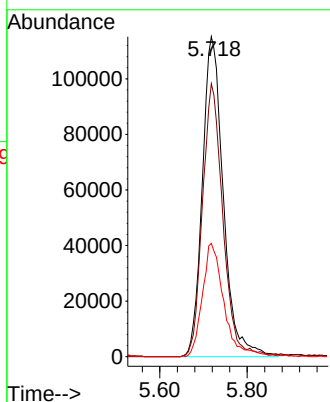
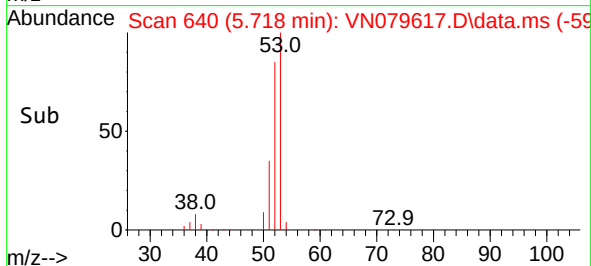
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 384900
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.3 28.9 43.3

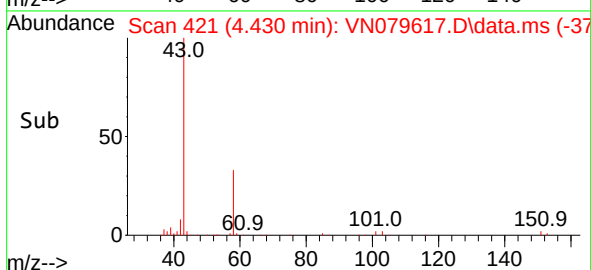
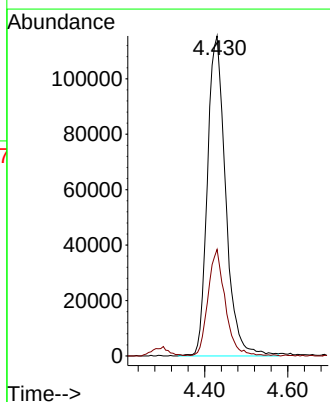
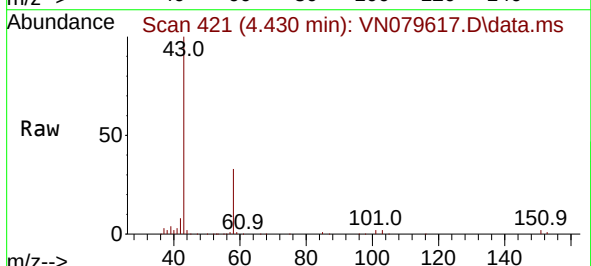
Manual Integrations
APPROVED

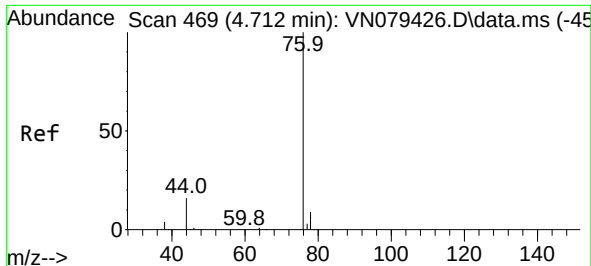
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 222.499 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

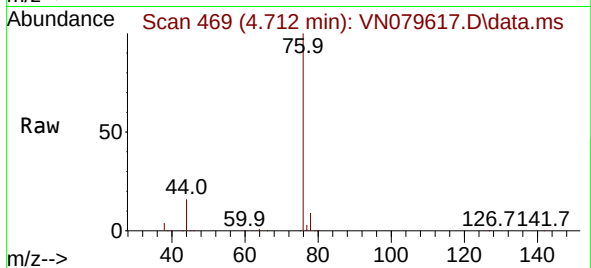
Tgt Ion: 43 Resp: 351413
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17
Carbon Disulfide
Concen: 40.433 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

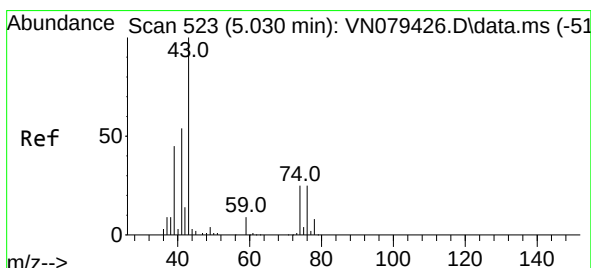
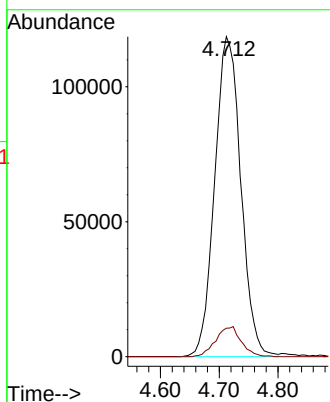
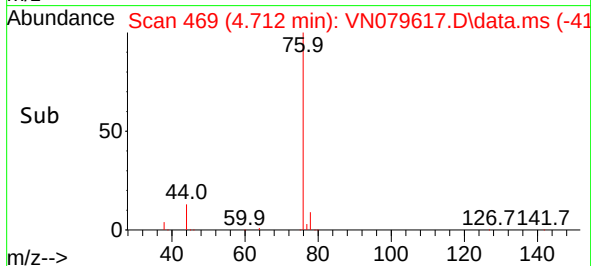
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



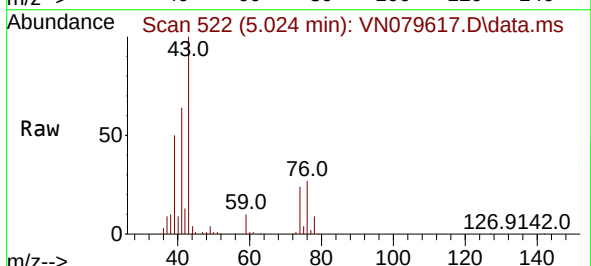
Tgt Ion: 76 Resp: 365952
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
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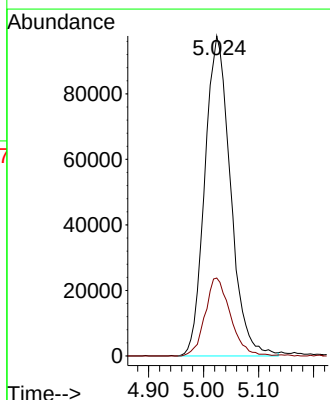
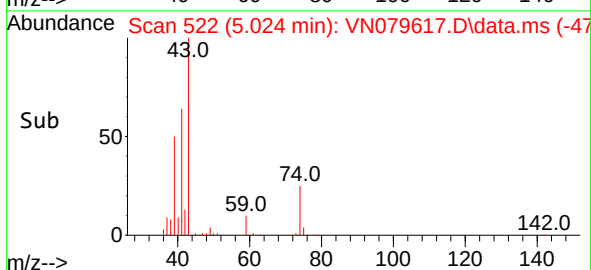
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

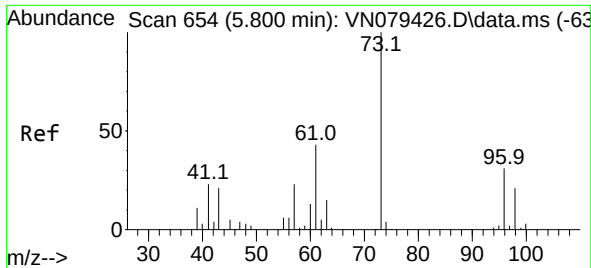


#18
Methyl Acetate
Concen: 41.044 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40



Tgt Ion: 43 Resp: 317285
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#





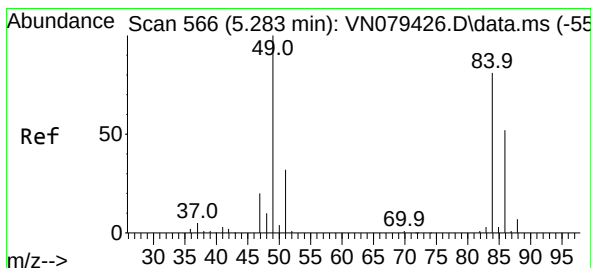
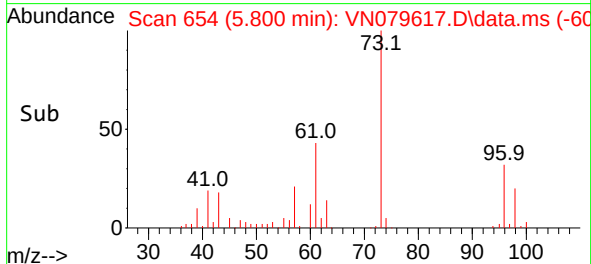
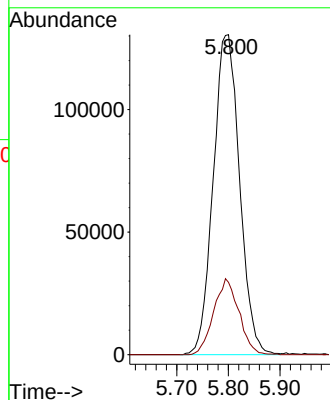
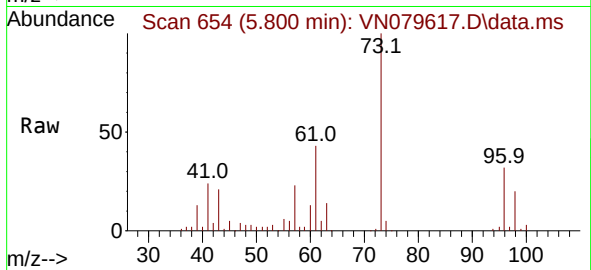
#19
Methyl tert-butyl Ether
Concen: 49.028 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 462228
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4

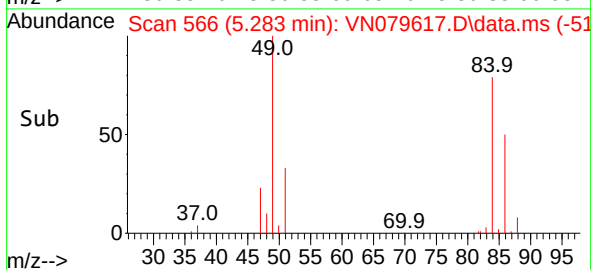
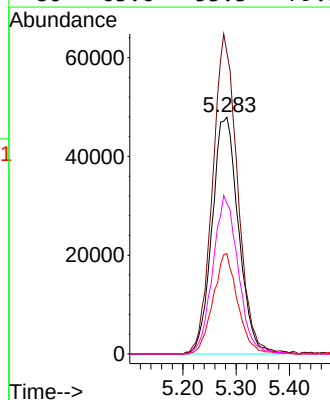
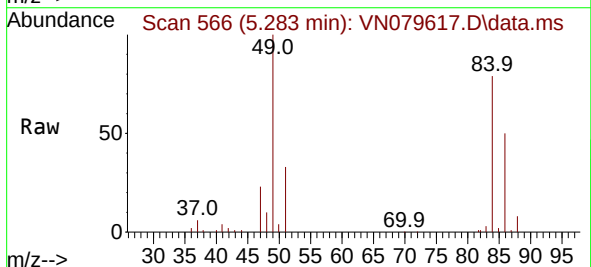
Manual Integrations
APPROVED

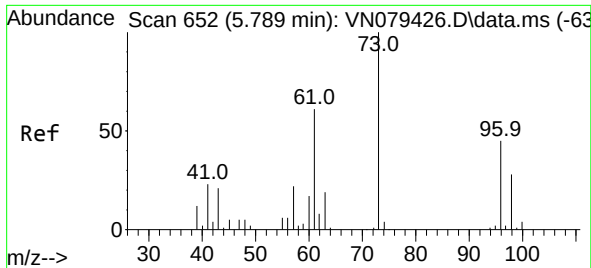
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 47.656 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

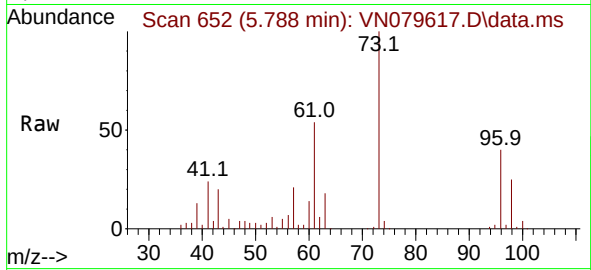
Tgt Ion: 84 Resp: 164921
Ion Ratio Lower Upper
84 100
49 127.3 79.7 119.5#
51 42.4 25.2 37.8#
86 63.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.593 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

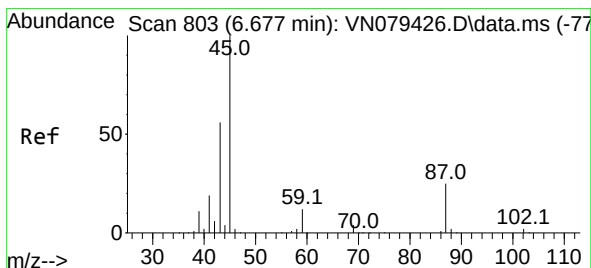
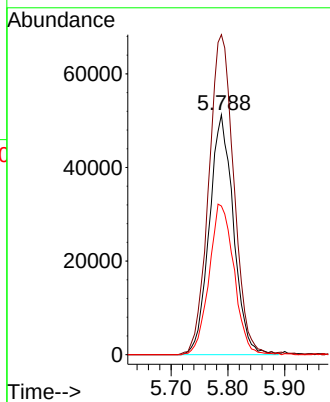
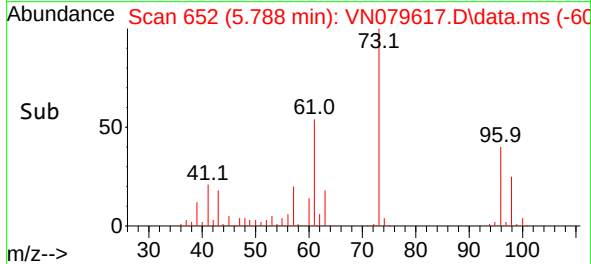
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 151129
Ion Ratio Lower Upper
96 100
61 133.4 90.1 135.1
98 62.0 46.4 69.6

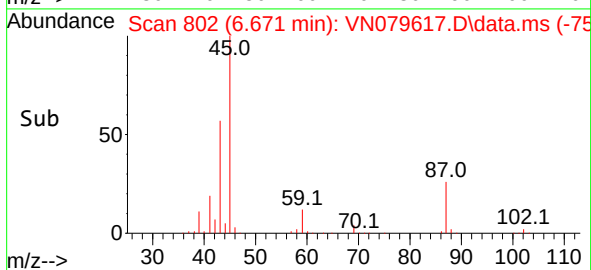
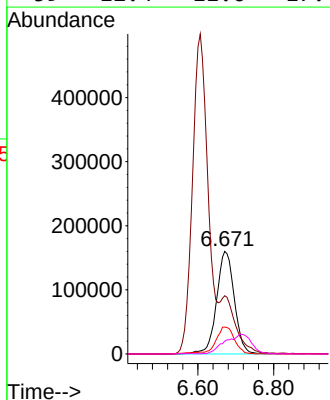
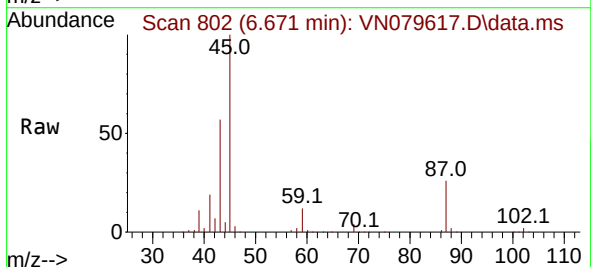
Manual Integrations
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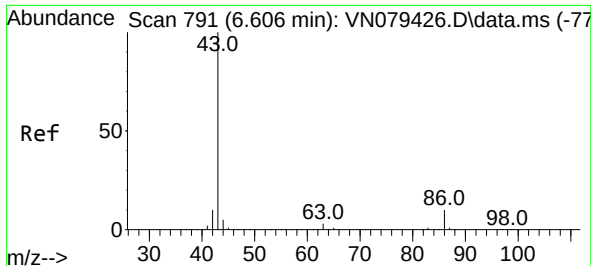
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 49.747 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion: 45 Resp: 522342
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 26.3 31.8 47.8#
59 12.4 11.6 17.4





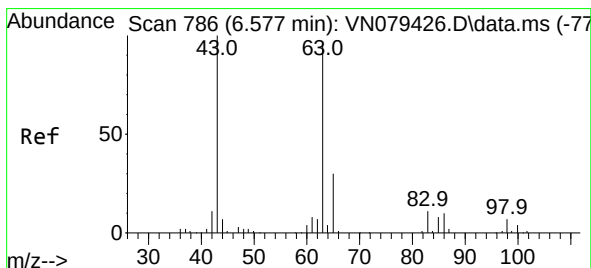
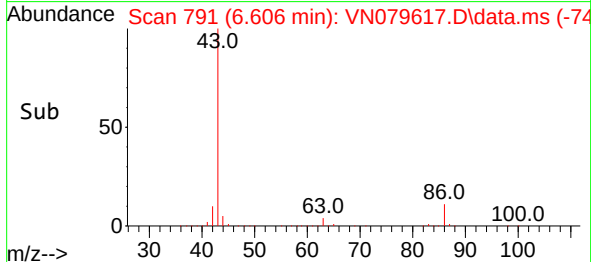
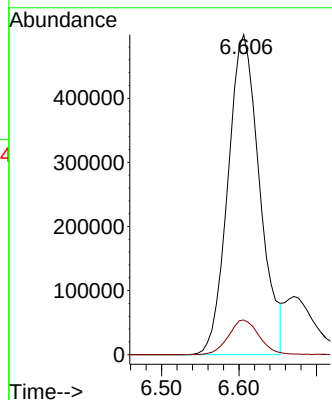
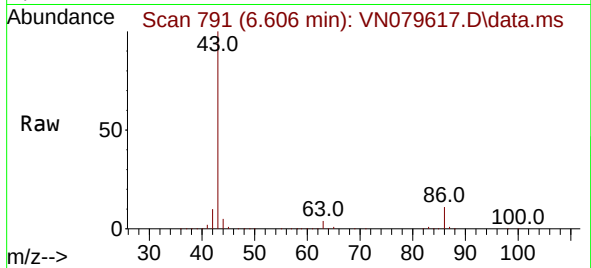
#23
 Vinyl Acetate
 Concen: 240.900 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079617.D
 Acq: 19 Oct 2023 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1422790
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

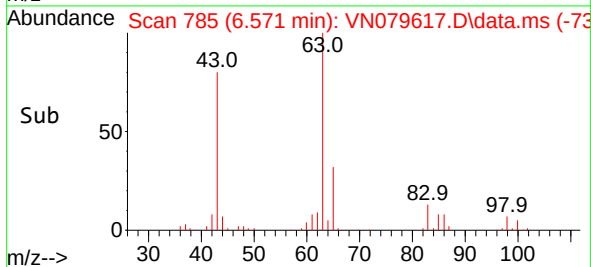
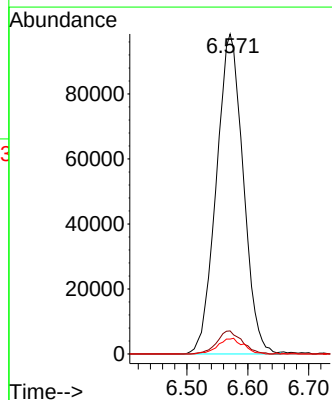
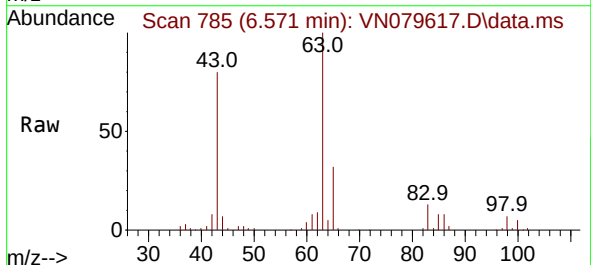
Manual Integrations
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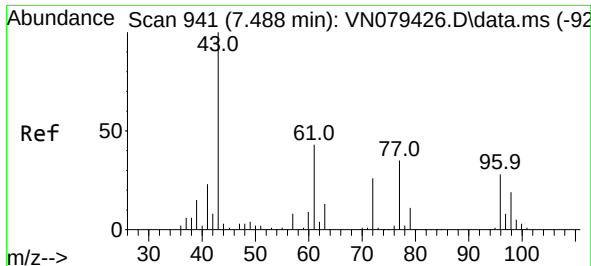
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 47.005 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079617.D
 Acq: 19 Oct 2023 16:40

Tgt Ion: 63 Resp: 302060
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.6 2.5 7.4





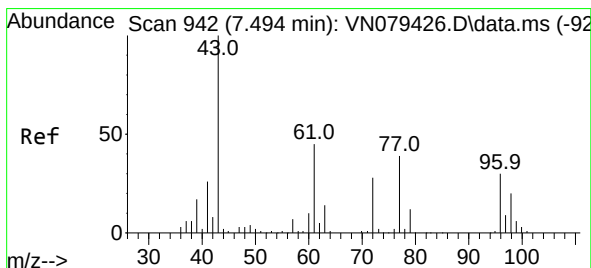
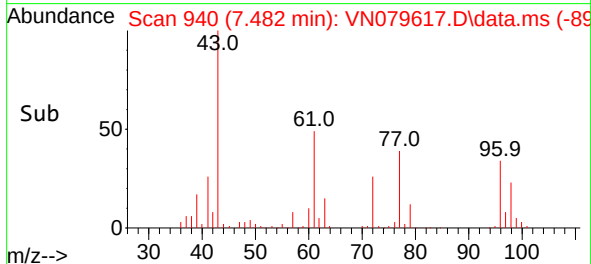
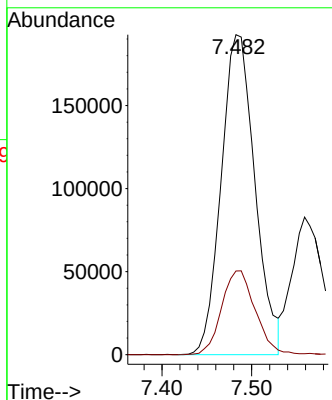
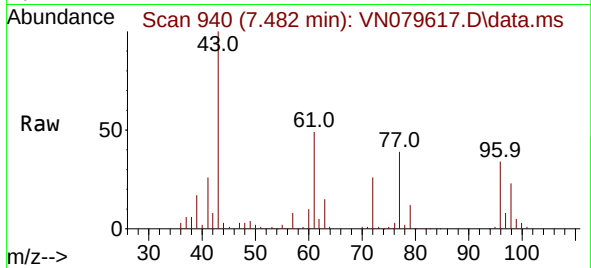
#25
2-Butanone
Concen: 214.943 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 503859
Ion Ratio Lower Upper
43 100
72 26.2 30.2 45.2

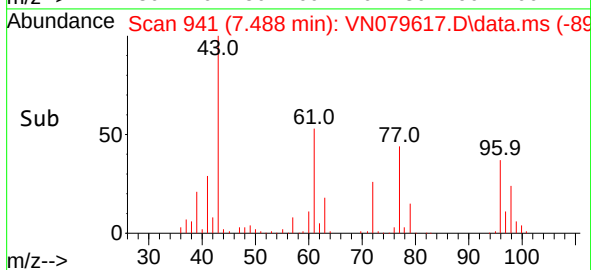
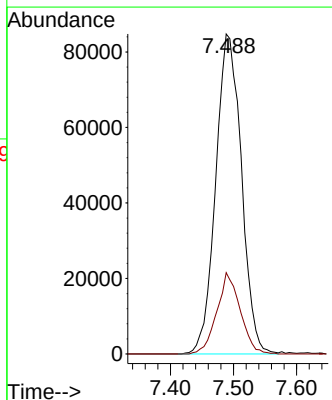
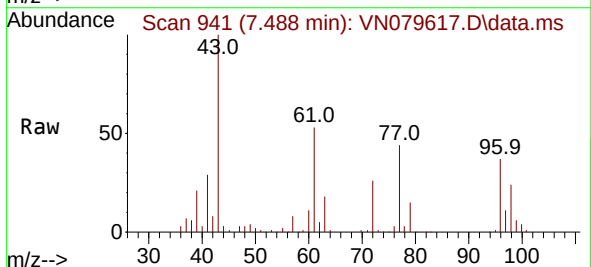
Manual Integrations
APPROVED

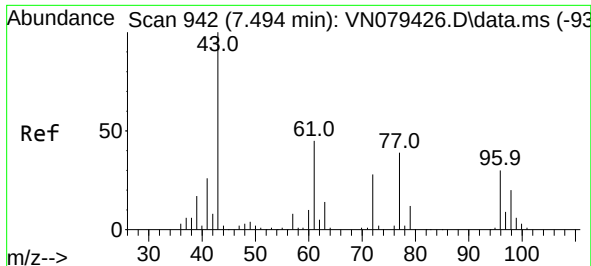
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 48.772 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion: 77 Resp: 239513
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





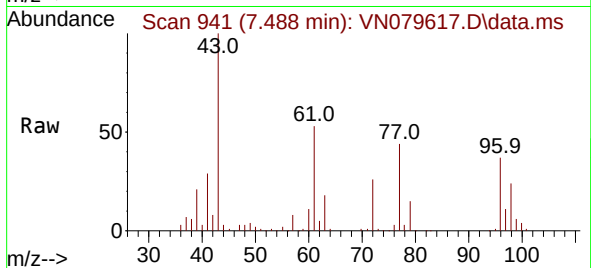
#27
 cis-1,2-Dichloroethene
 Concen: 48.846 ug/l
 RT: 7.488 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN079617.D
 Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

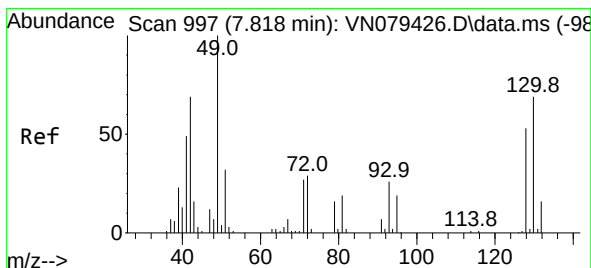
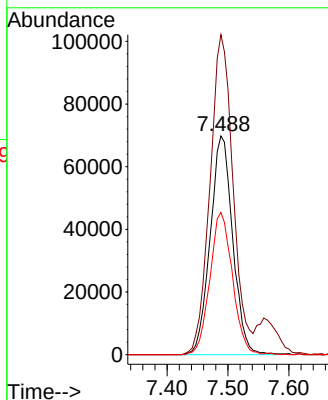
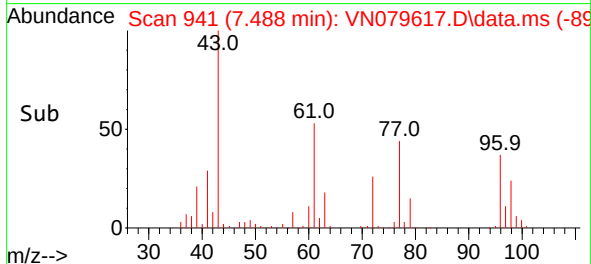


Tgt Ion: 96 Resp: 179835
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 255.2
 98 64.9 0.0 128.8

Manual Integrations

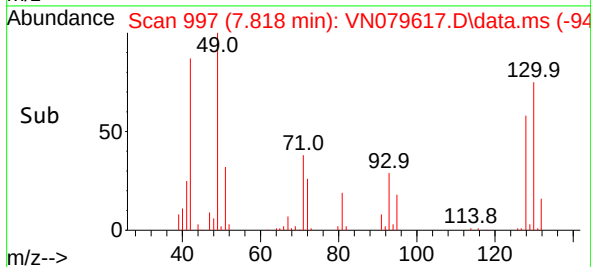
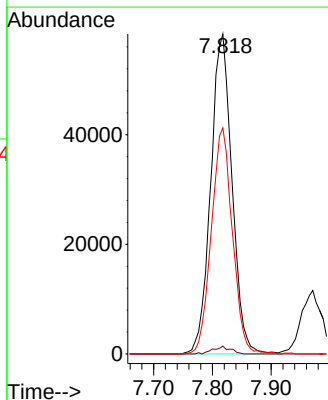
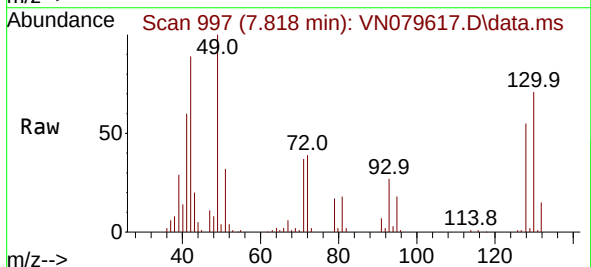
APPROVED

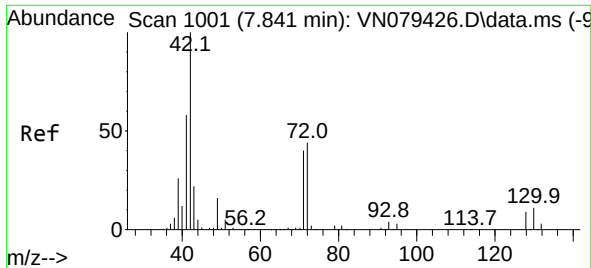
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 48.017 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079617.D
 Acq: 19 Oct 2023 16:40

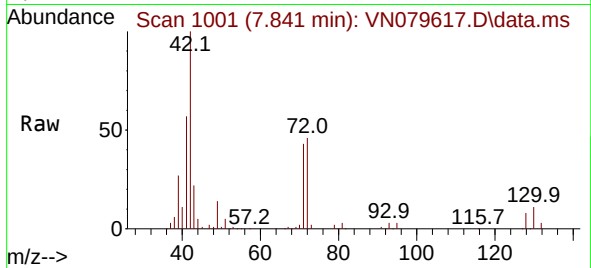
Tgt Ion: 49 Resp: 146813
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 69.8 75.3 112.9#





#29
Tetrahydrofuran
Concen: 218.237 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

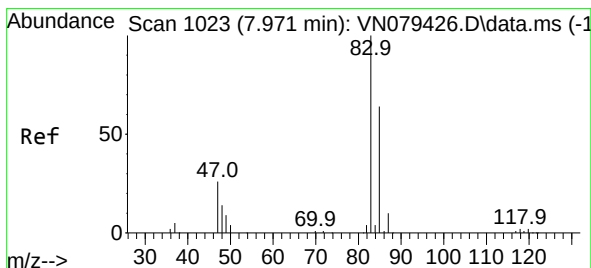
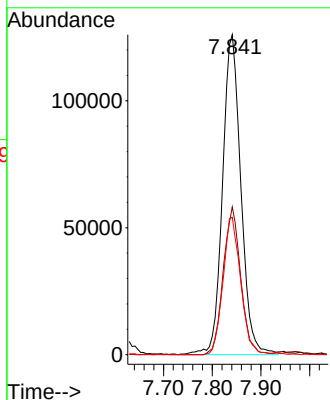
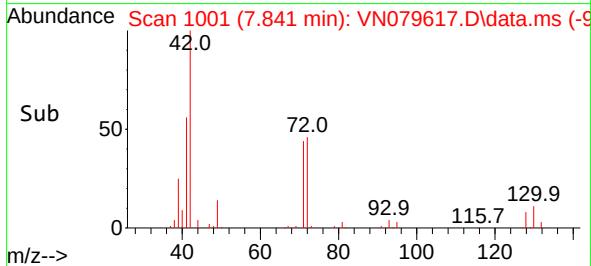
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 330862
Ion Ratio Lower Upper
42 100
72 43.8 49.8 74.6
71 41.3 47.4 71.2

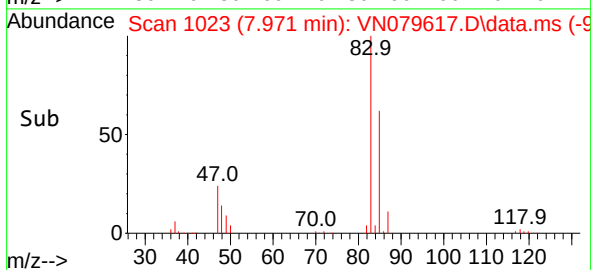
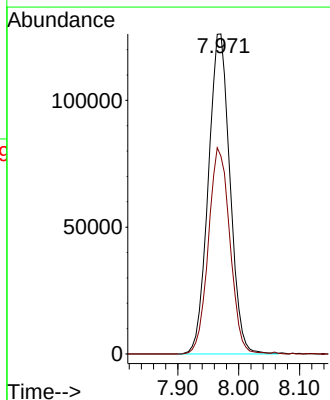
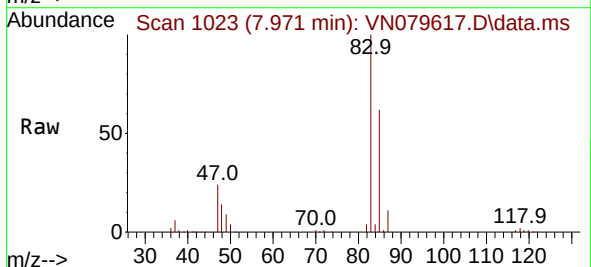
Manual Integrations
APPROVED

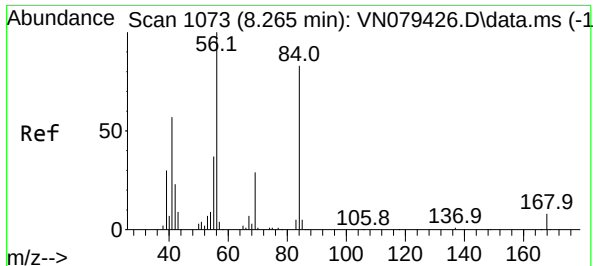
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#30
Chloroform
Concen: 47.999 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

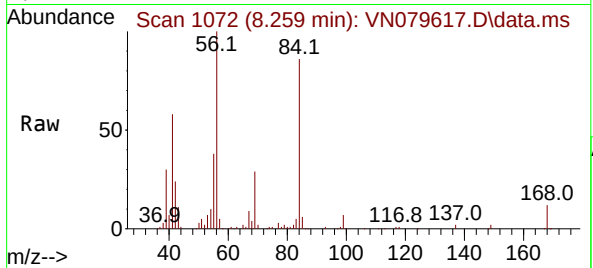
Tgt Ion: 83 Resp: 311643
Ion Ratio Lower Upper
83 100
85 61.8 55.4 83.0





#31
Cyclohexane
Concen: 42.334 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

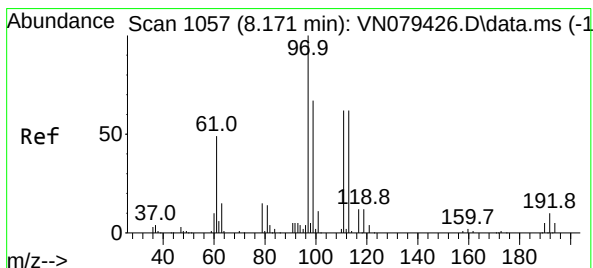
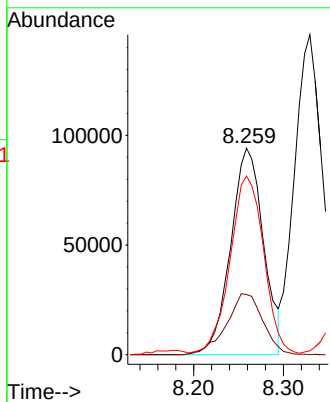
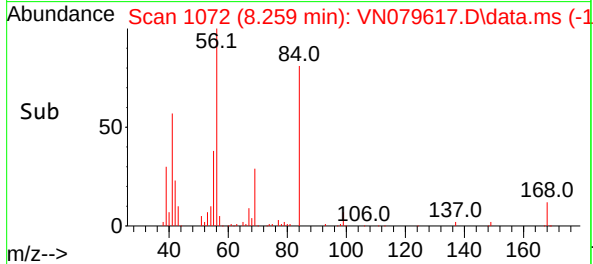
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23911
Ion Ratio Lower Upper
56 100
69 29.1 26.8 40.2
84 84.4 81.8 122.6

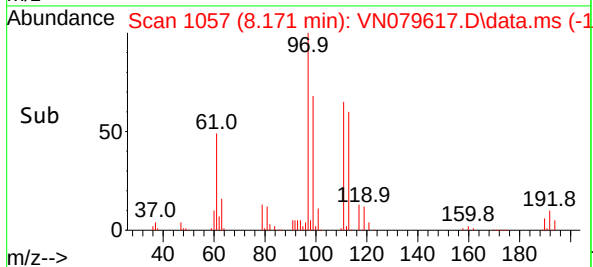
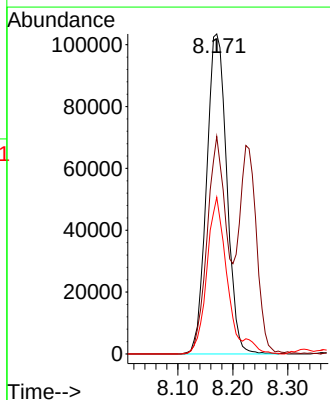
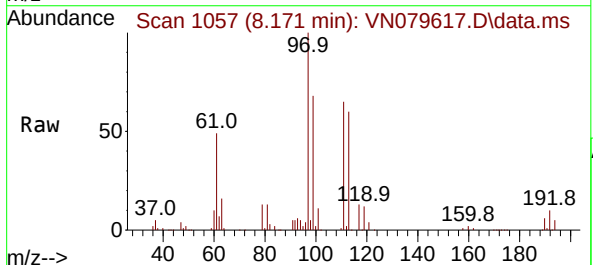
Manual Integrations
APPROVED

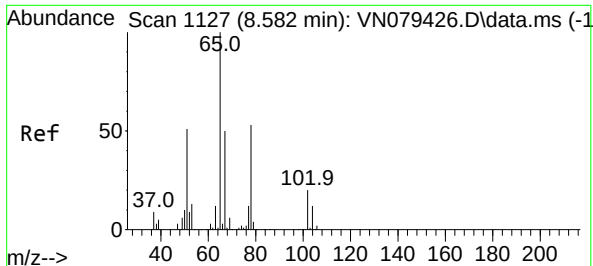
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 48.470 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion: 97 Resp: 264839
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 46.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.476 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18904

Ion Ratio Lower Upper

65 100

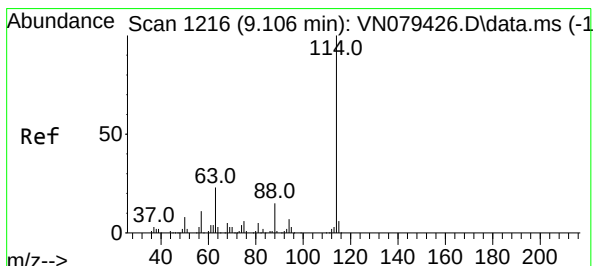
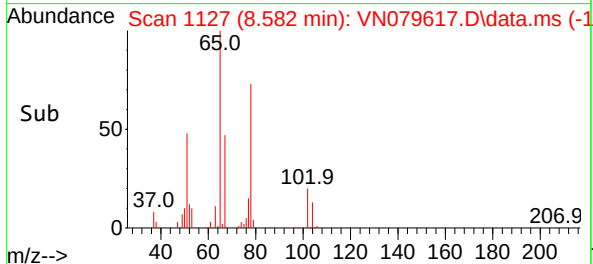
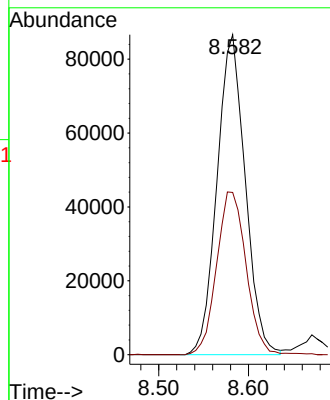
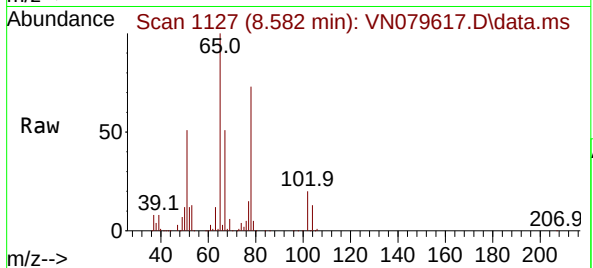
67 53.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

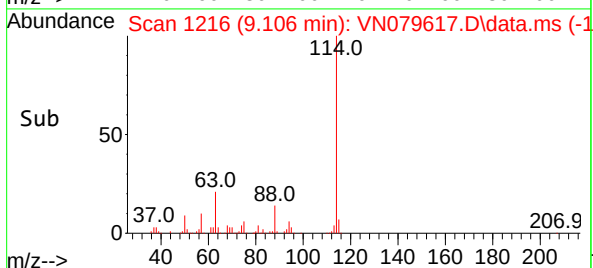
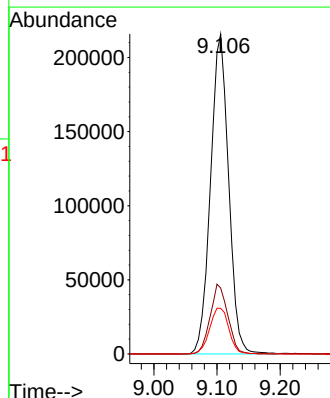
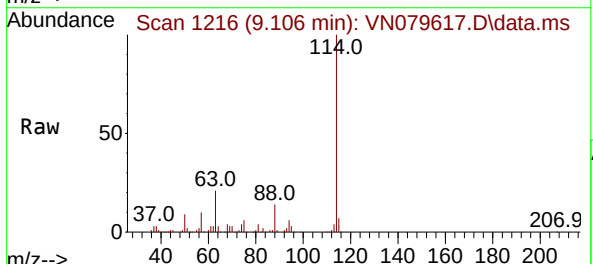
Tgt Ion:114 Resp: 429356

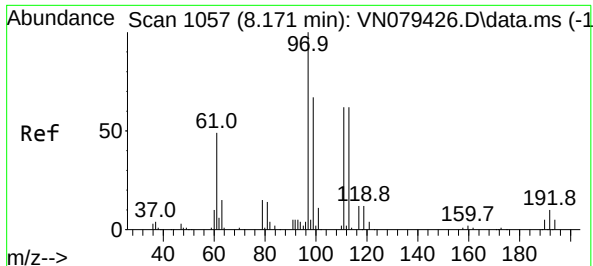
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.716 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 153398

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

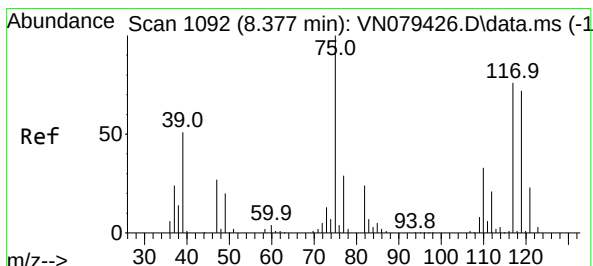
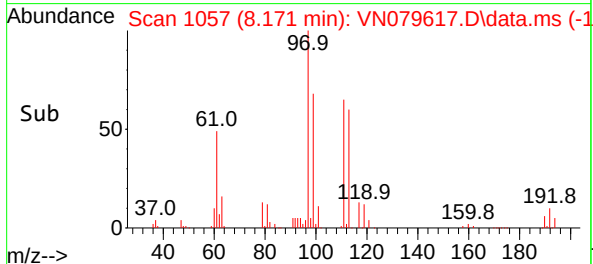
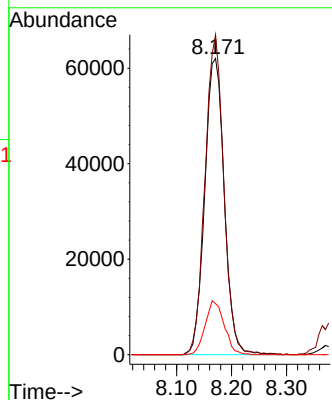
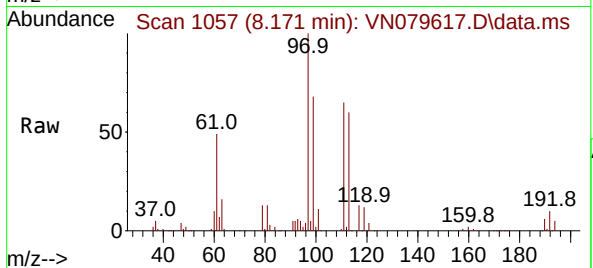
192 17.7 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 48.042 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

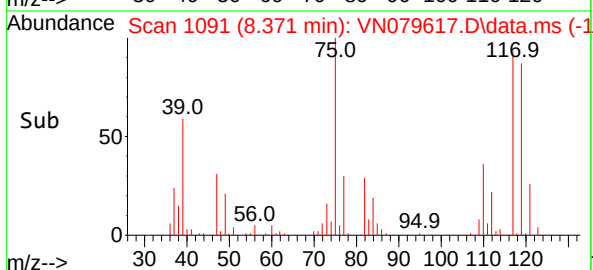
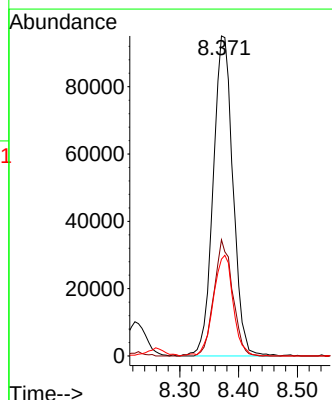
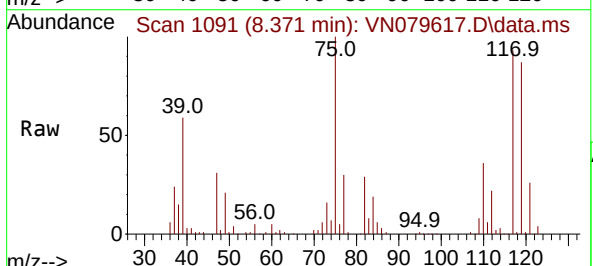
Tgt Ion: 75 Resp: 222477

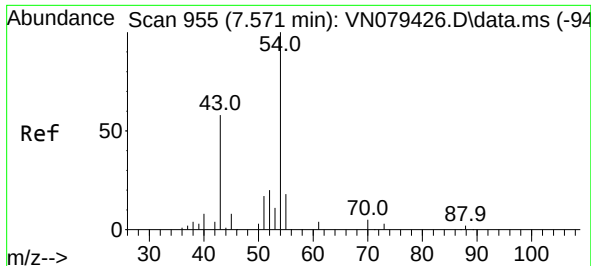
Ion Ratio Lower Upper

75 100

110 34.1 19.1 57.3

77 31.6 25.0 37.4





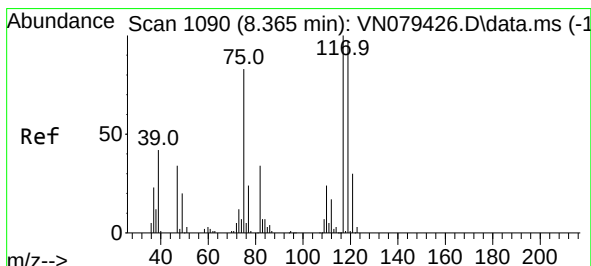
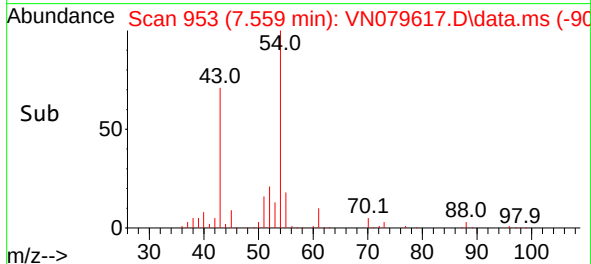
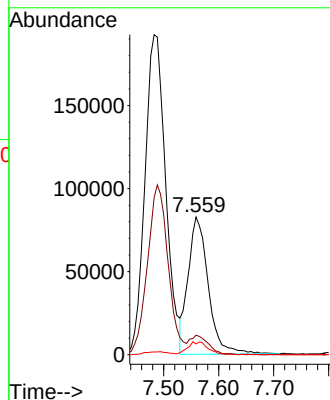
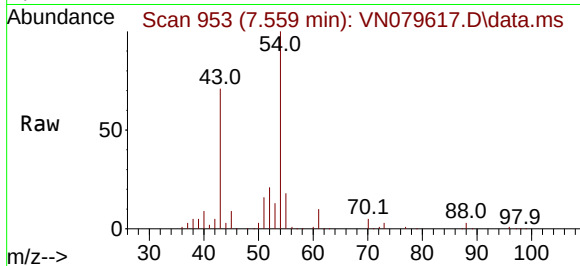
#37
Ethyl Acetate
Concen: 45.586 ug/l
RT: 7.559 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 21059
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8
70 9.3 11.3 16.9

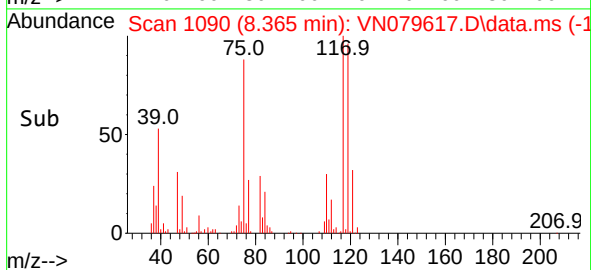
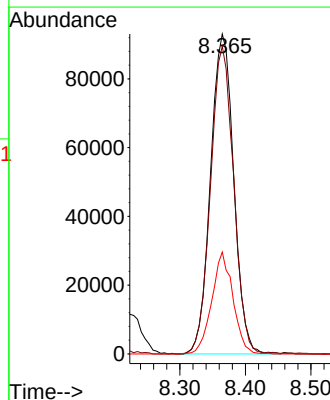
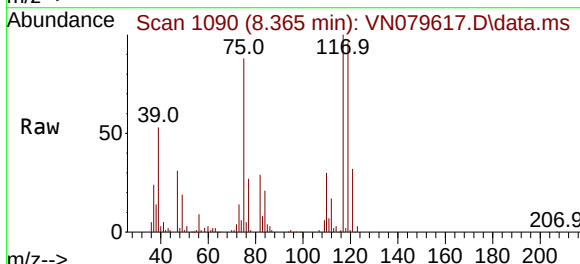
Manual Integrations
APPROVED

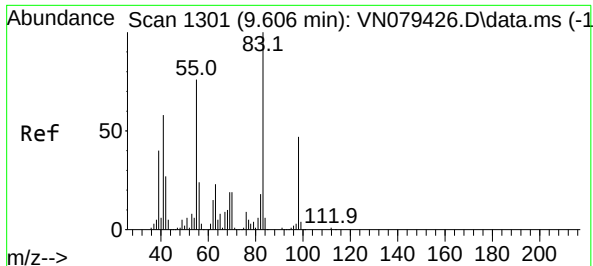
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 49.206 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion:117 Resp: 228121
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 31.9 23.3 34.9





#39

Methylcyclohexane

Concen: 48.906 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21759

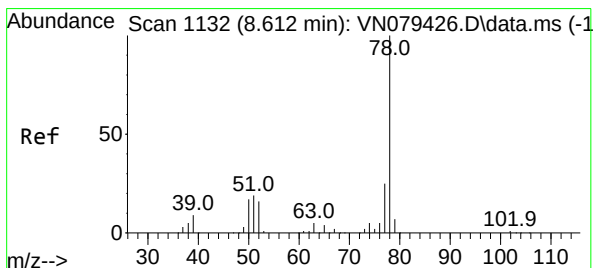
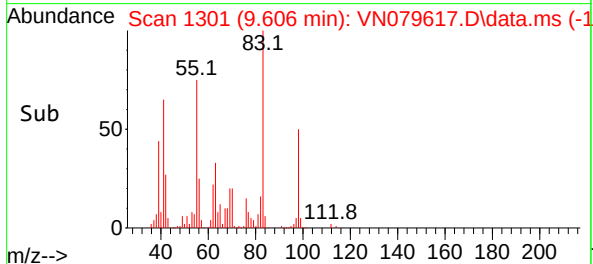
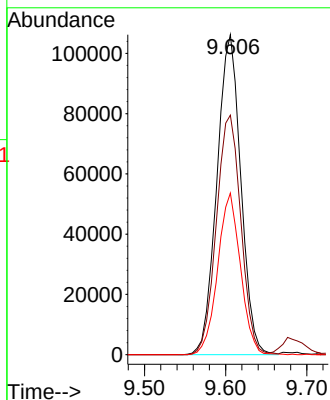
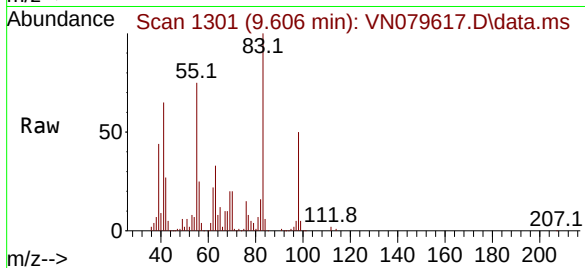
Ion	Ratio	Lower	Upper
83	100		
55	74.8	49.1	73.7
98	50.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 49.007 ug/l

RT: 8.606 min Scan# 1131

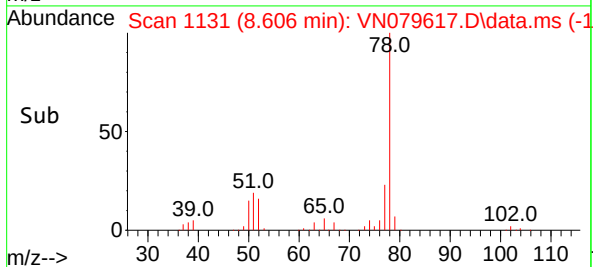
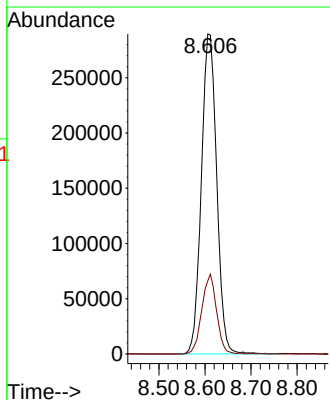
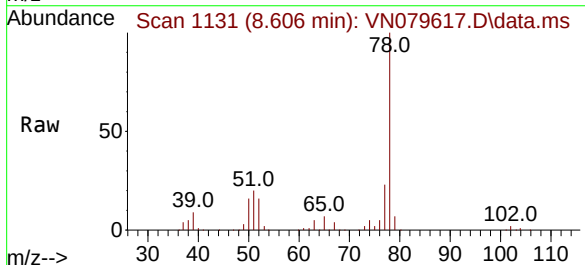
Delta R.T. -0.006 min

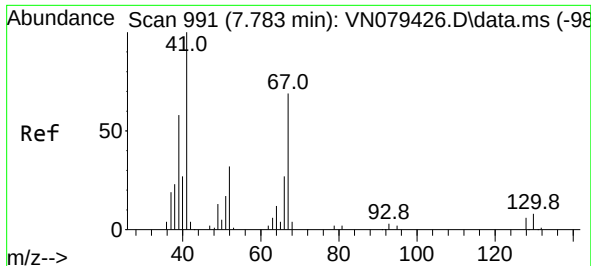
Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Tgt Ion: 78 Resp: 673995

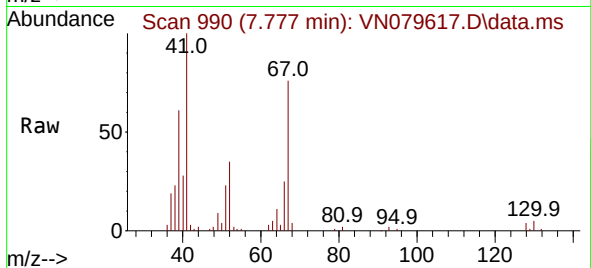
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





#41
Methacrylonitrile
Concen: 45.750 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

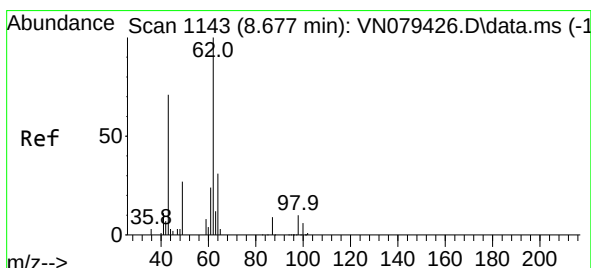
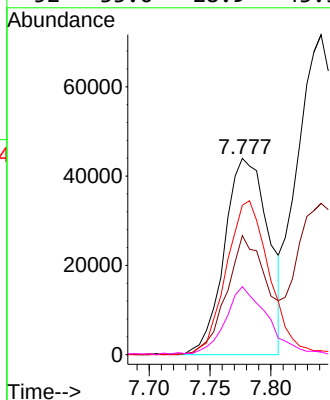
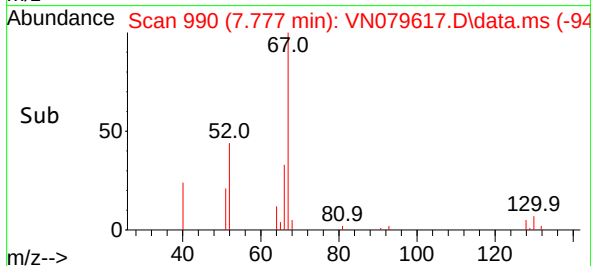
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



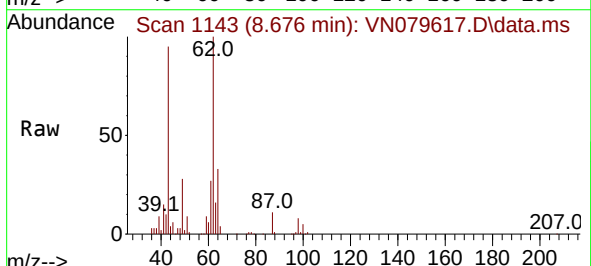
Tgt Ion: 41 Resp: 110829
Ion Ratio Lower Upper
41 100
39 55.3 42.6 64.0
67 77.5 77.5 116.3
52 33.6 28.9 43.3

Manual Integrations
APPROVED

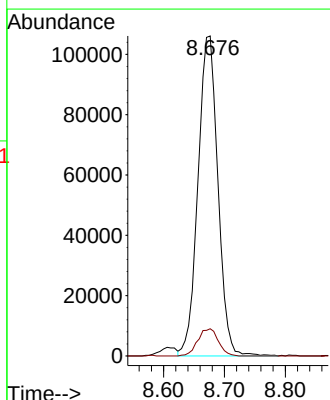
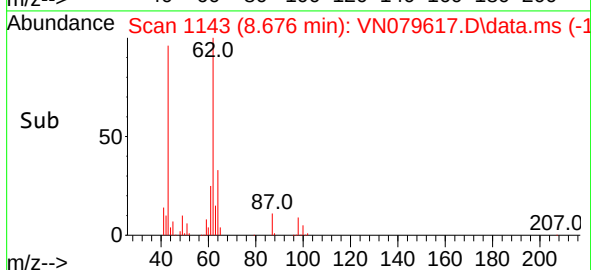
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

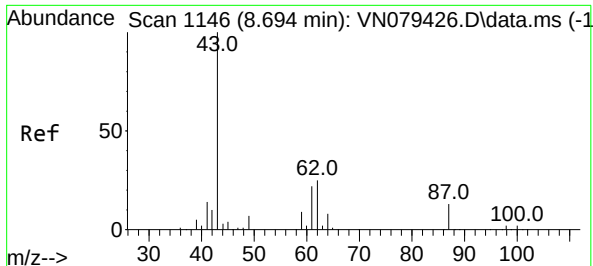


#42
1,2-Dichloroethane
Concen: 48.305 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40



Tgt Ion: 62 Resp: 241395
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





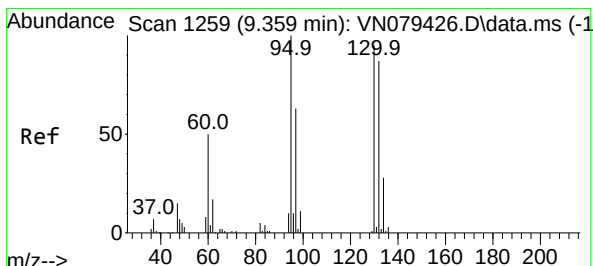
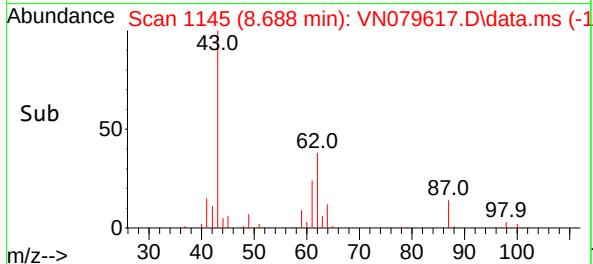
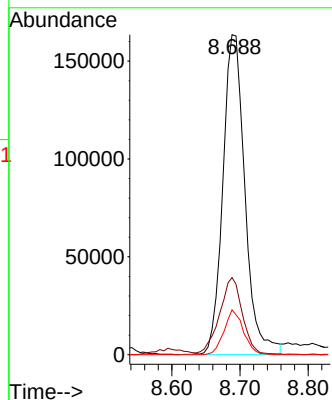
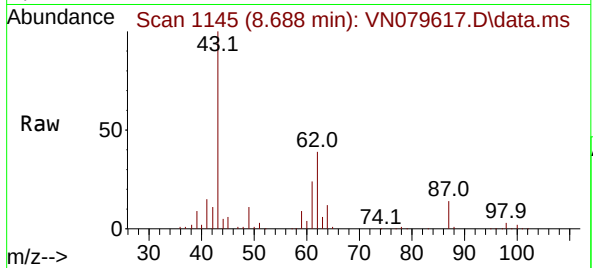
#43
Isopropyl Acetate
Concen: 45.783 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 36960
Ion Ratio Lower Upper
43 100
61 25.1 24.7 37.1
87 12.3 14.6 21.8

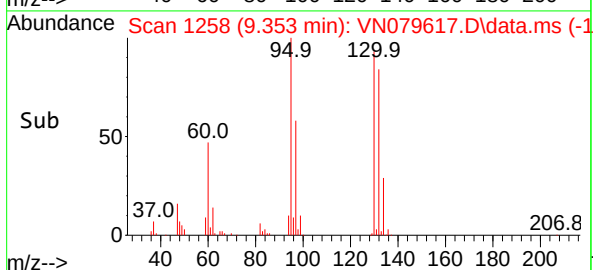
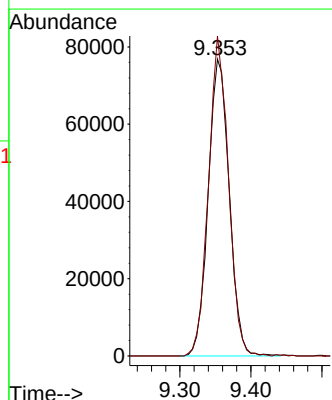
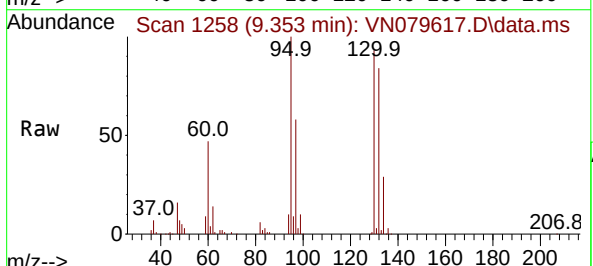
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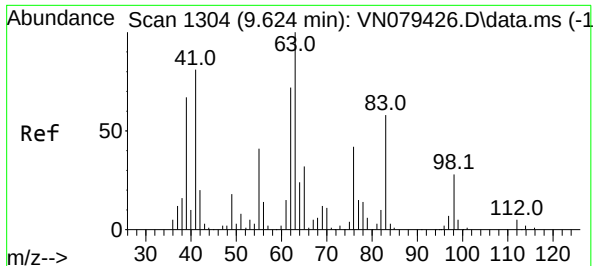
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 48.827 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion:130 Resp: 158052
Ion Ratio Lower Upper
130 100
95 107.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.730 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18020

Ion Ratio Lower Upper

63 100

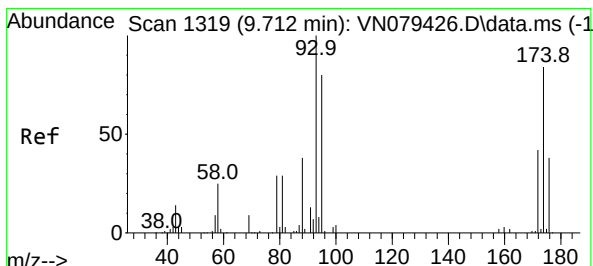
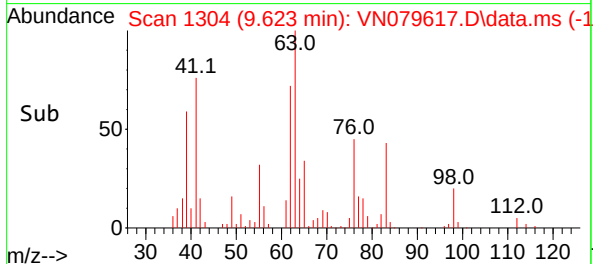
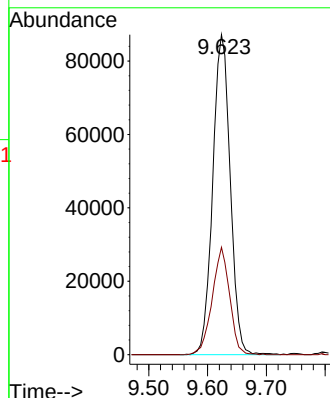
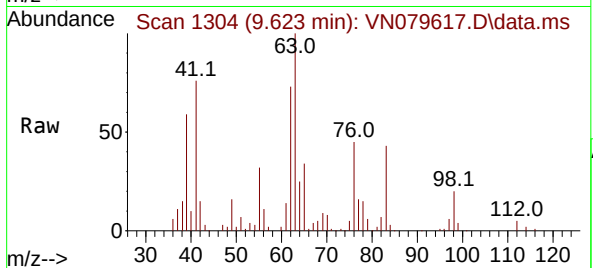
65 33.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 50.682 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

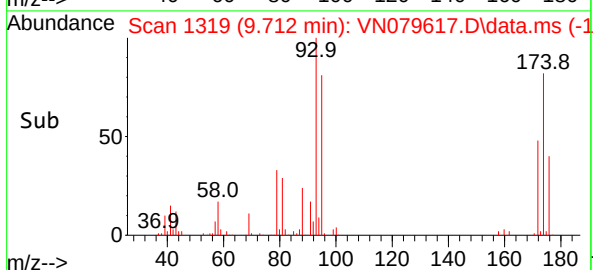
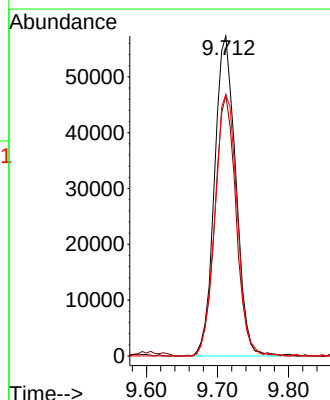
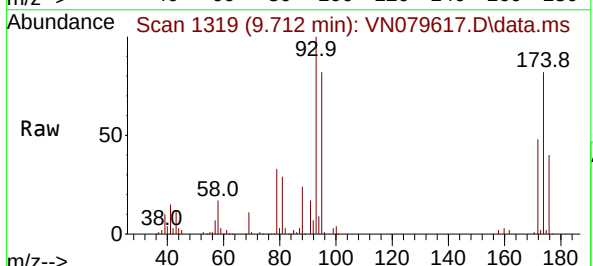
Tgt Ion: 93 Resp: 118943

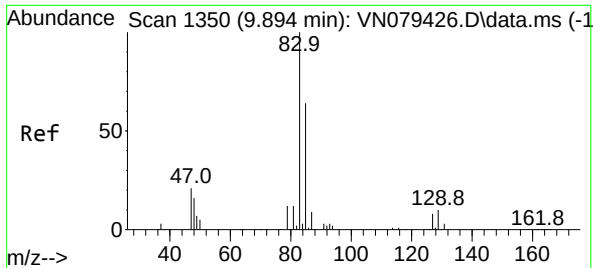
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

174 84.9 65.6 98.4





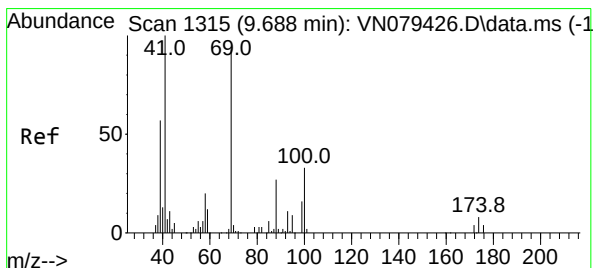
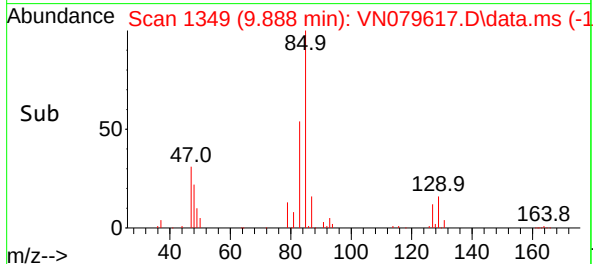
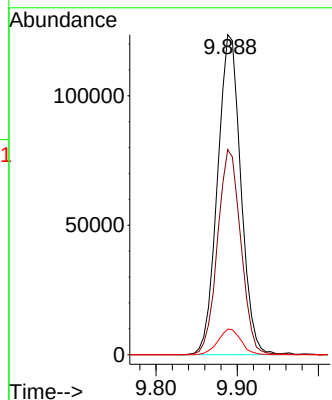
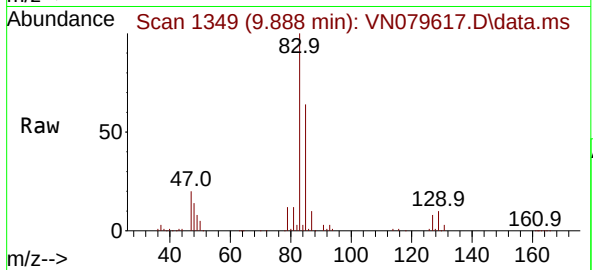
#47
Bromodichloromethane
Concen: 51.159 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 24697
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 8.0 7.0 10.6

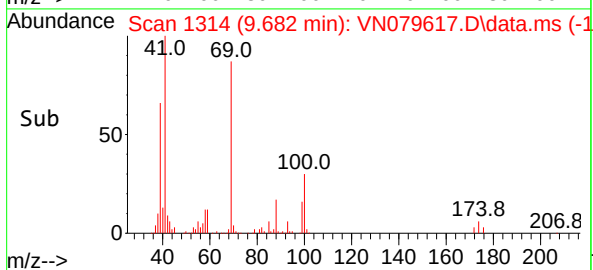
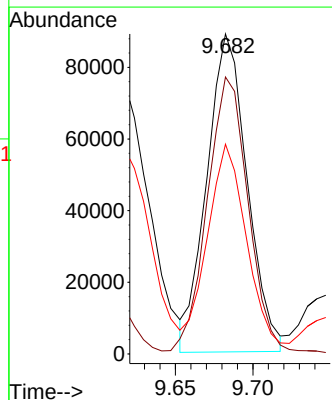
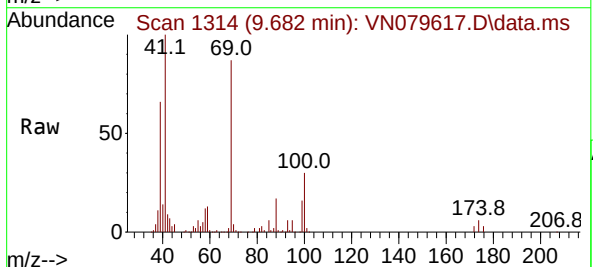
Manual Integrations
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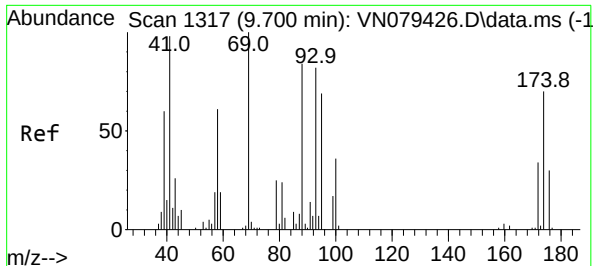
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 46.435 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion: 41 Resp: 160636
Ion Ratio Lower Upper
41 100
69 89.7 90.4 135.6
39 65.4 54.6 81.8





#49

1,4-Dioxane

Concen: 863.555 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

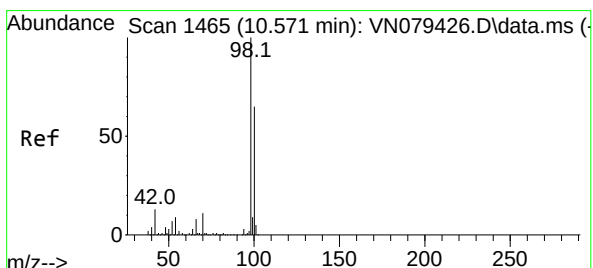
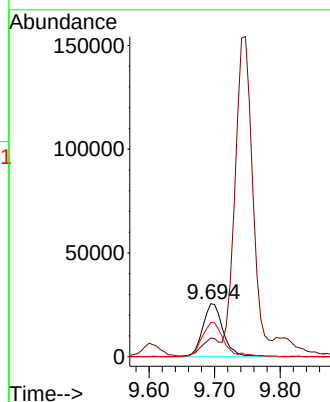
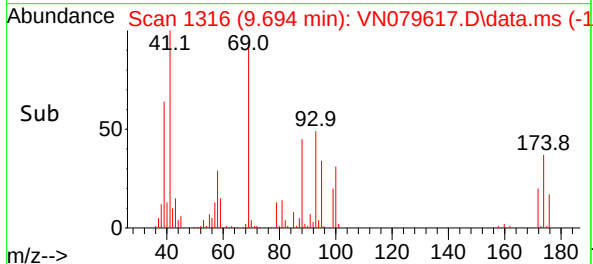
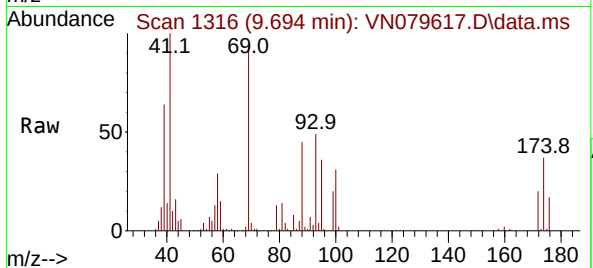
Tgt Ion: 88 Resp: 55020
 Ion Ratio Lower Upper
 88 100
 43 31.7 17.0 25.6
 58 65.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 51.388 ug/l

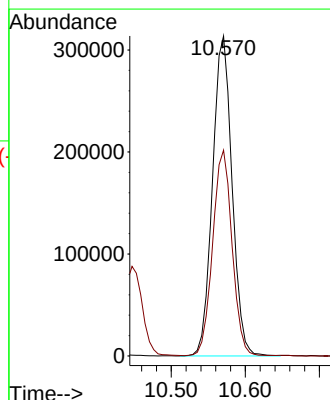
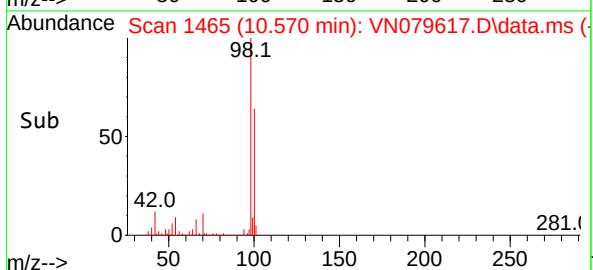
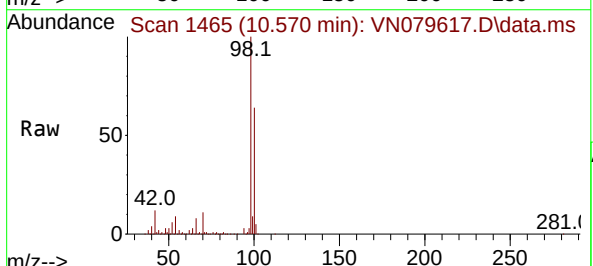
RT: 10.570 min Scan# 1465

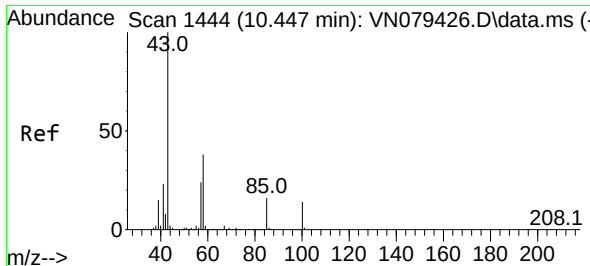
Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

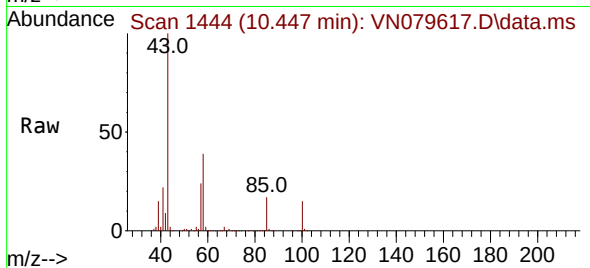
Tgt Ion: 98 Resp: 573707
 Ion Ratio Lower Upper
 98 100
 100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 231.539 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

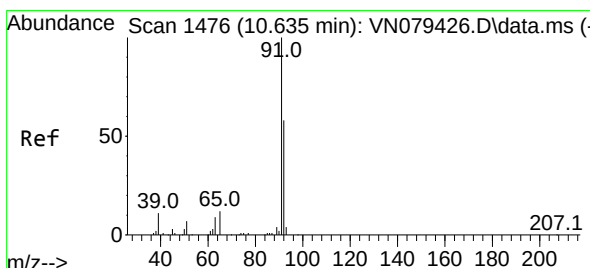
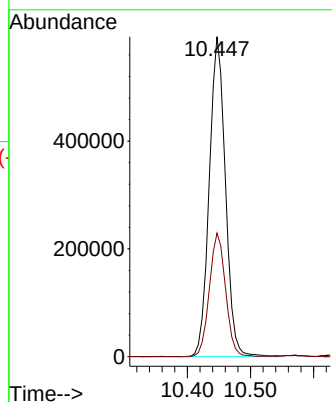
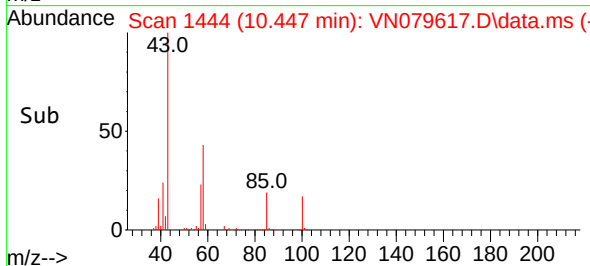
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



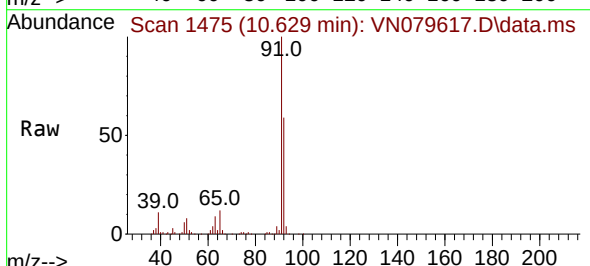
Tgt Ion: 43 Resp: 1055150
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

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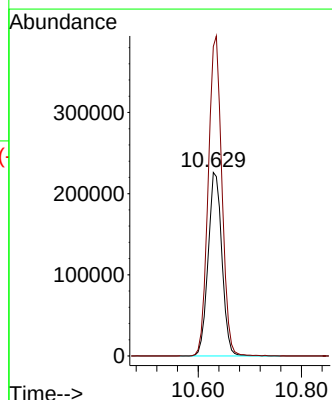
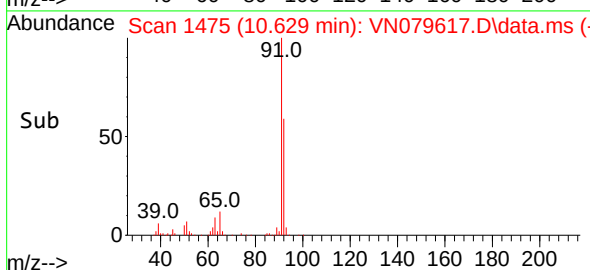
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

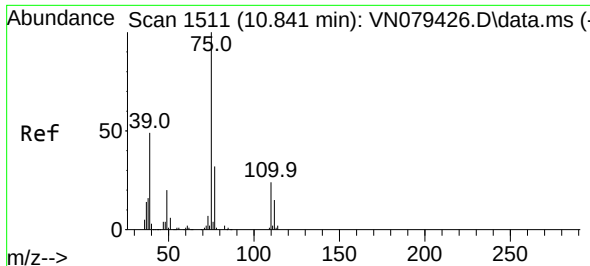


#52
Toluene
Concen: 51.533 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40



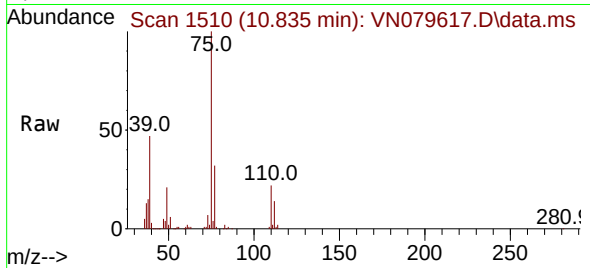
Tgt Ion: 92 Resp: 417187
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.016 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

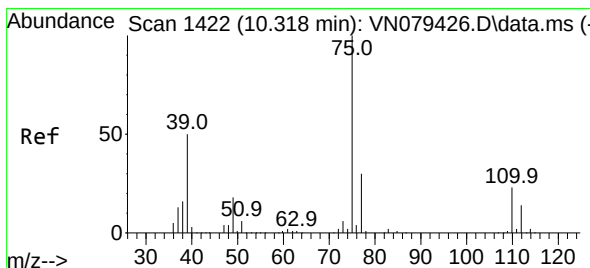
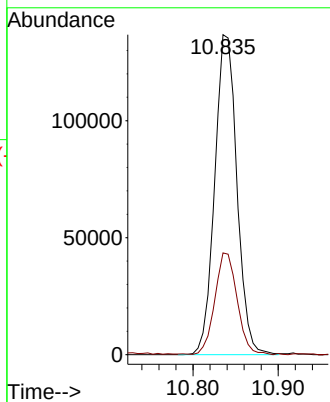
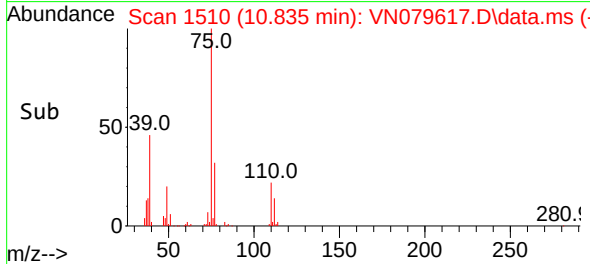
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24819
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

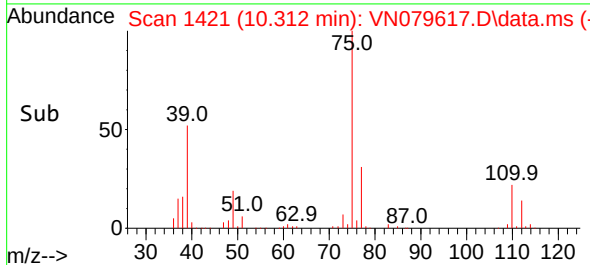
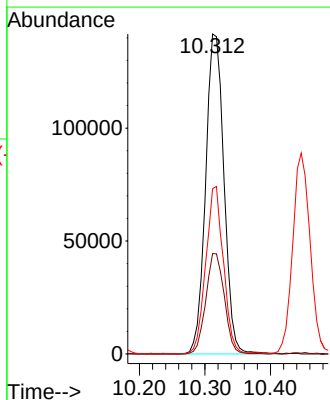
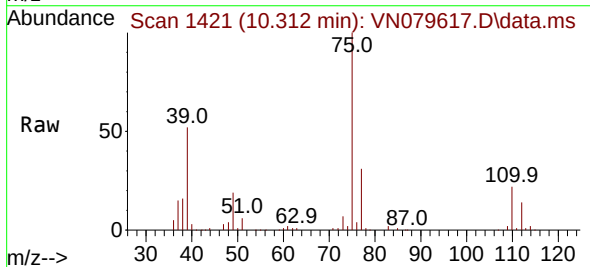
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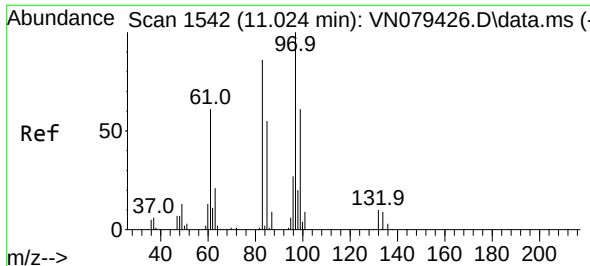
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 51.827 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

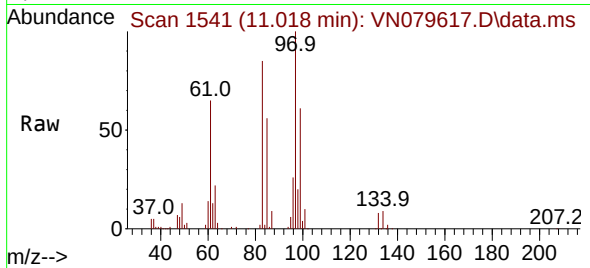
Tgt Ion: 75 Resp: 276011
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 51.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.565 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

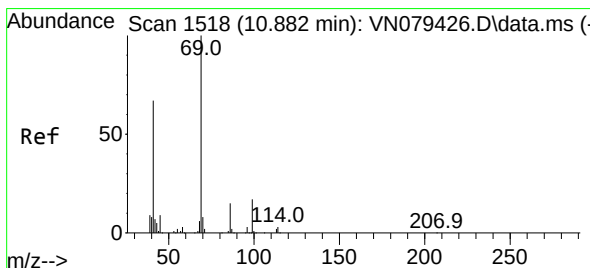
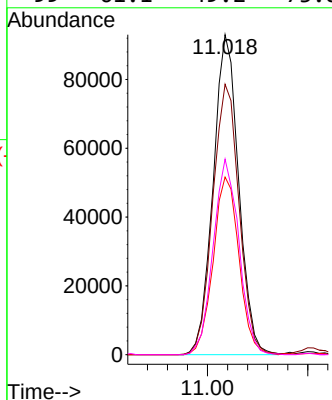
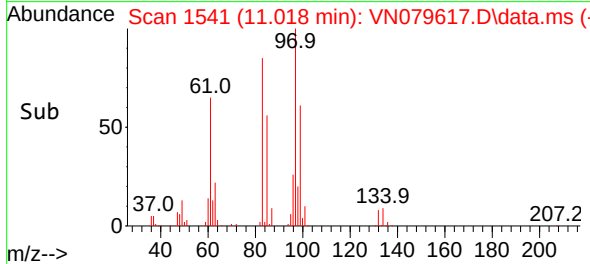
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 164340
Ion Ratio Lower Upper
97 100
83 84.5 65.1 97.7
85 55.5 43.4 65.2
99 61.1 49.2 73.8

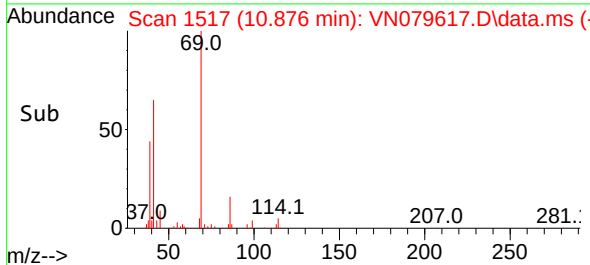
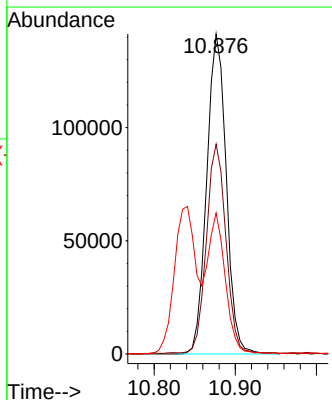
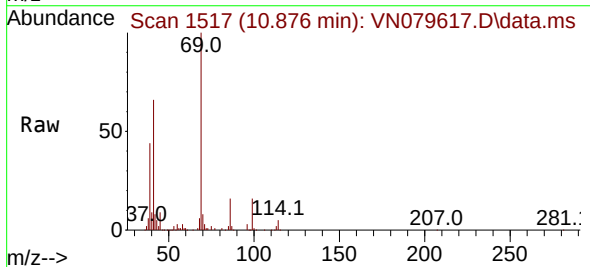
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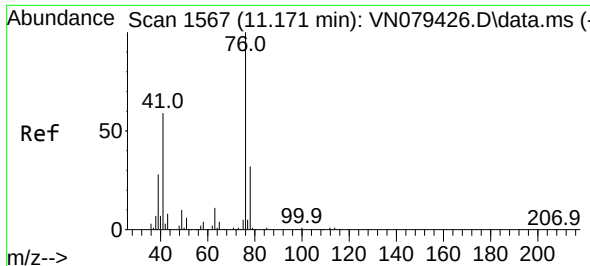
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 52.877 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion: 69 Resp: 236148
Ion Ratio Lower Upper
69 100
41 65.3 39.6 59.4#
39 39.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.071 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 286614

Ion Ratio Lower Upper

76 100

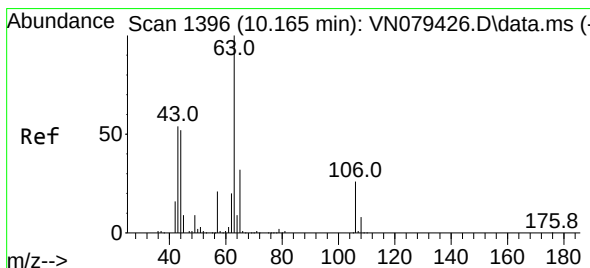
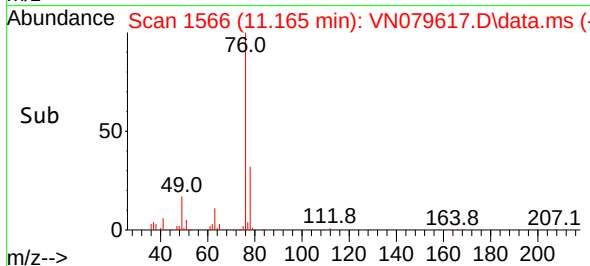
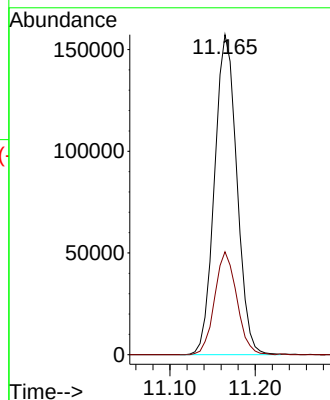
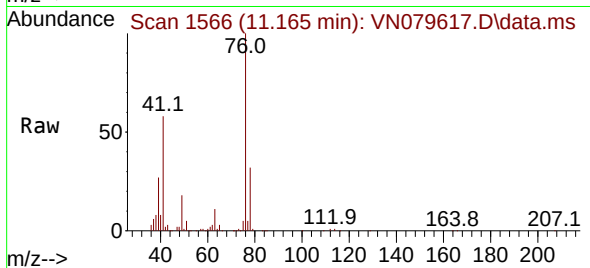
78 31.8 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.520 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079617.D

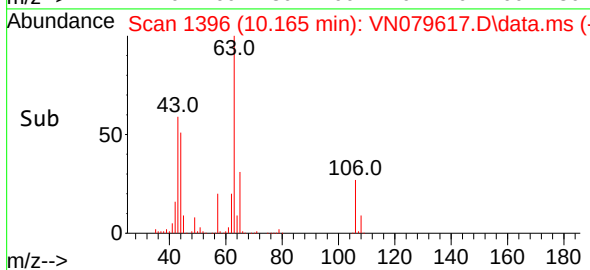
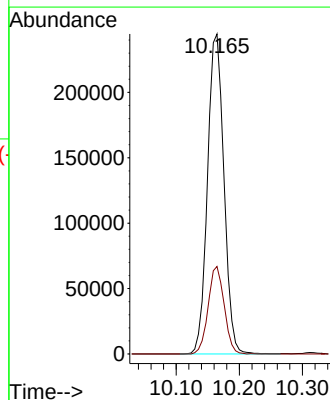
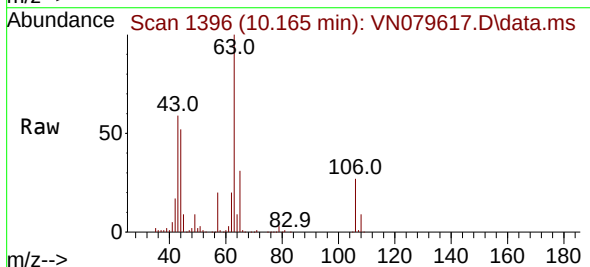
Acq: 19 Oct 2023 16:40

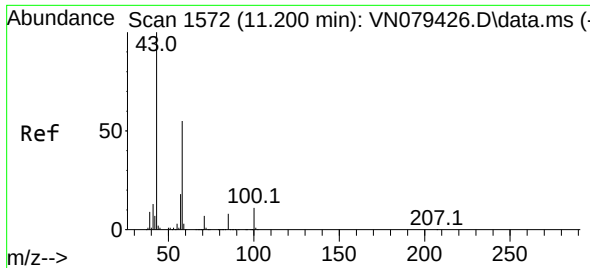
Tgt Ion: 63 Resp: 442156

Ion Ratio Lower Upper

63 100

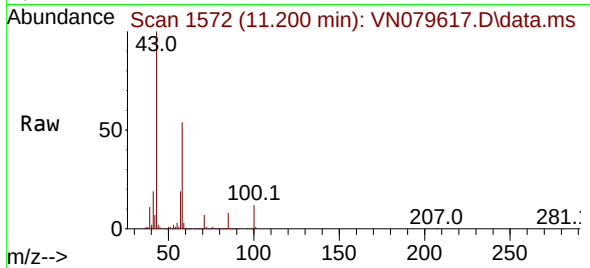
106 26.6 26.2 39.4





#59
2-Hexanone
Concen: 229.623 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

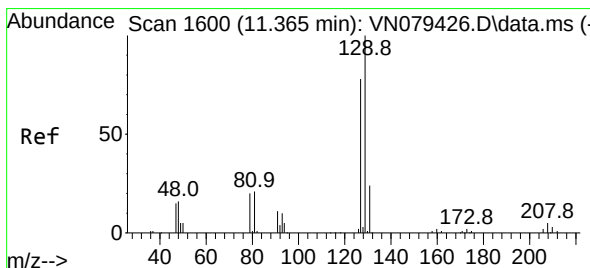
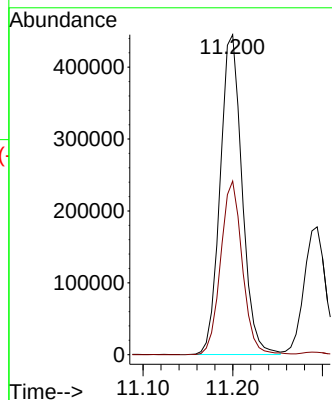
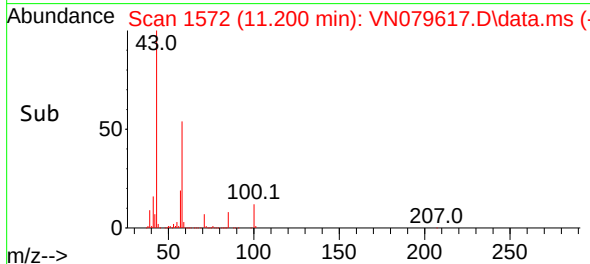
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 755109
Ion Ratio Lower Upper
43 100
58 53.8 31.7 95.1

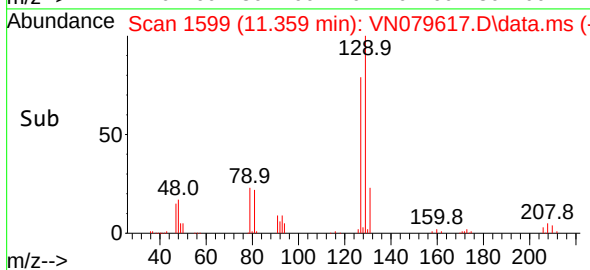
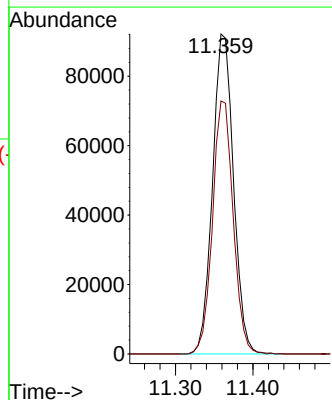
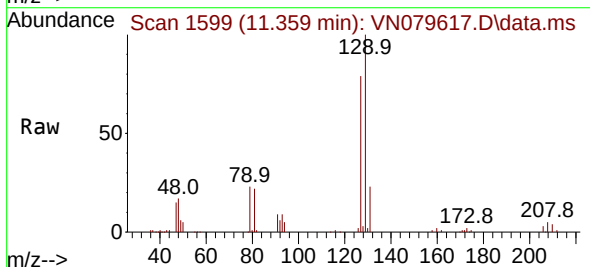
Manual Integrations
APPROVED

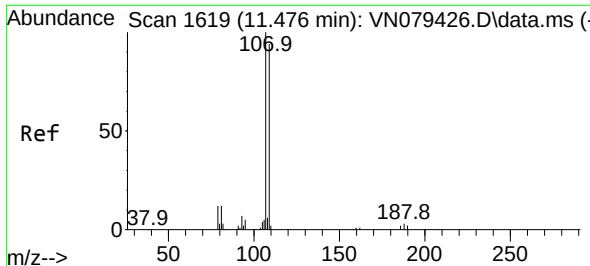
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 52.958 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

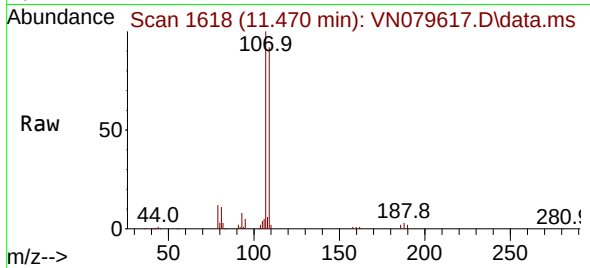
Tgt Ion:129 Resp: 172983
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.889 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

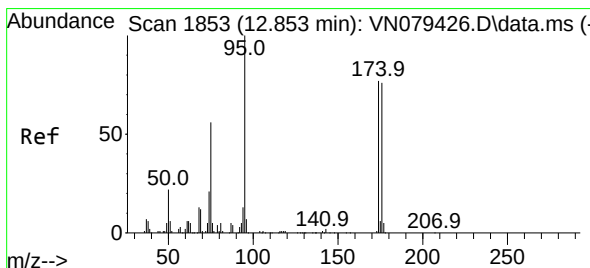
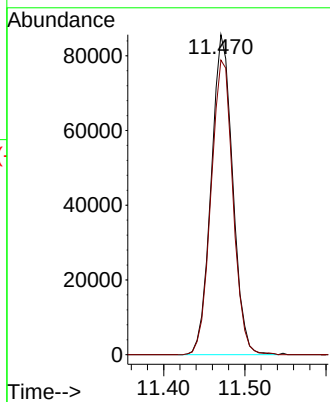
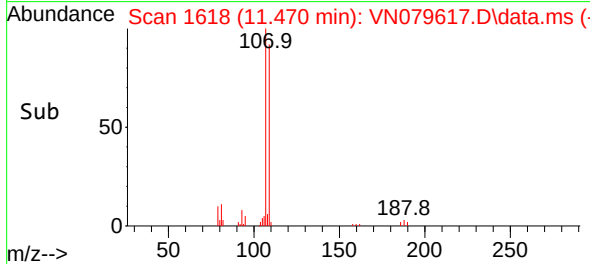
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 157689
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

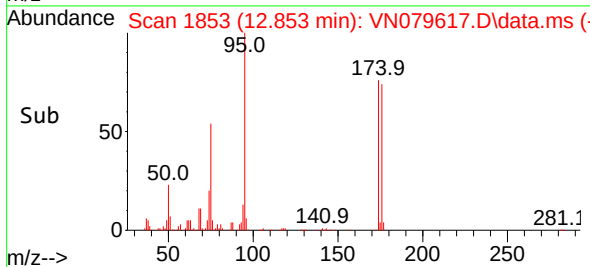
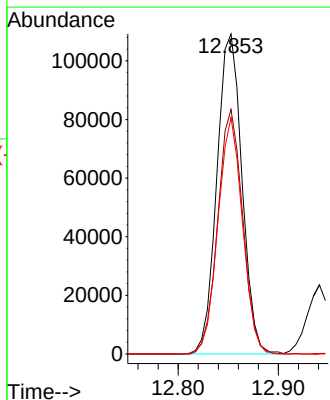
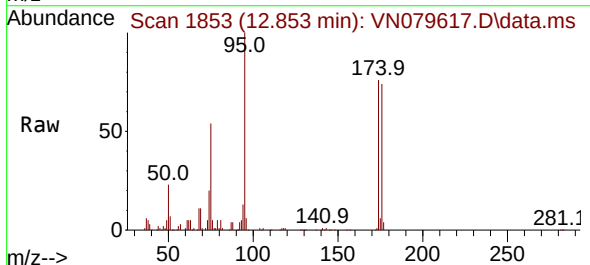
Manual Integrations
APPROVED

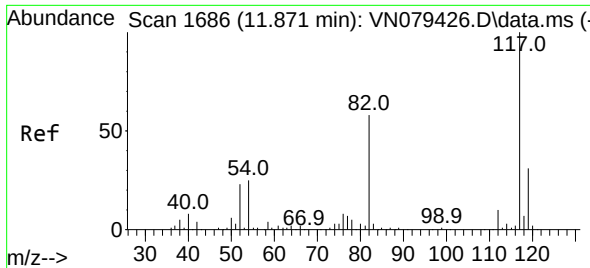
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 52.775 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

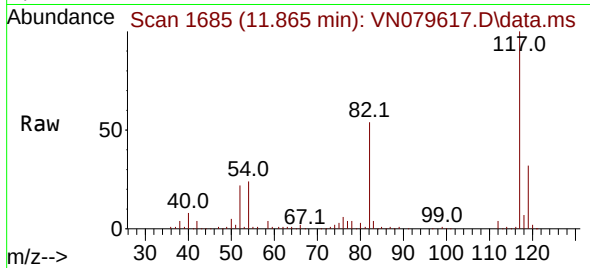
Tgt Ion: 95 Resp: 189086
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

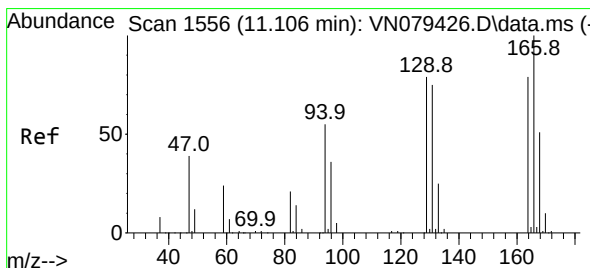
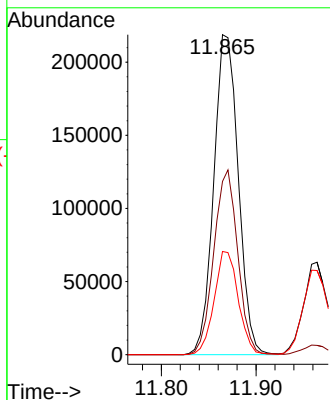
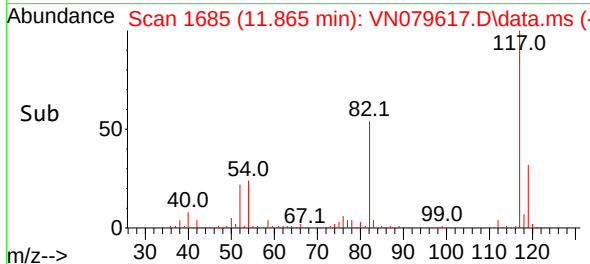
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 394408
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.3 25.6 38.4

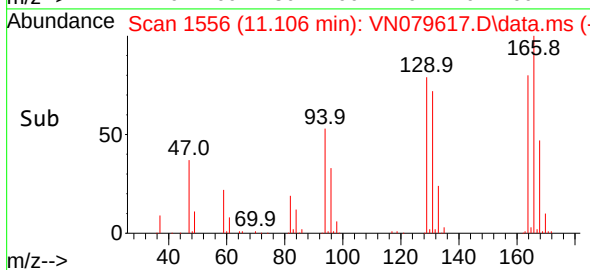
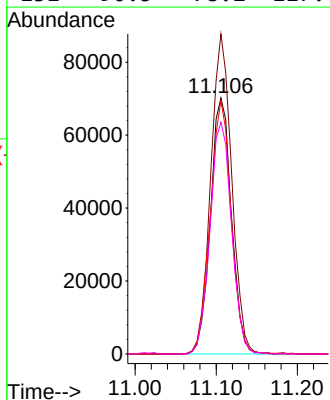
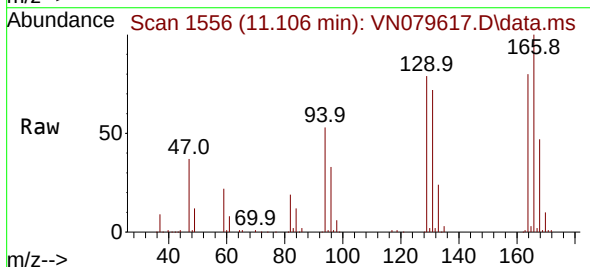
Manual Integrations
APPROVED

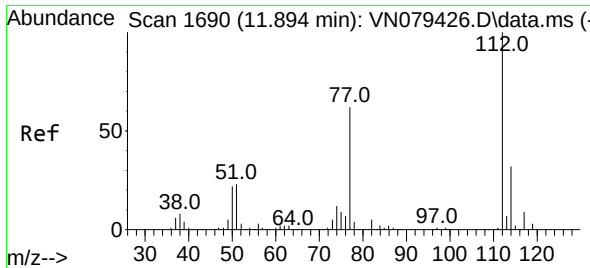
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 46.472 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion:164 Resp: 126089
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 98.9 82.4 123.6
131 90.5 78.2 117.4





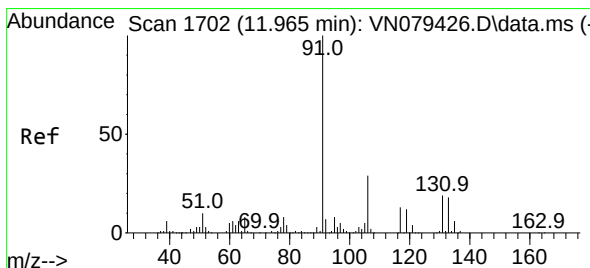
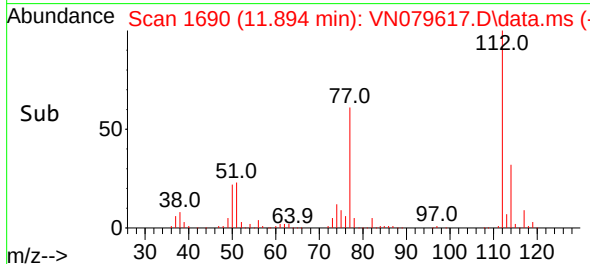
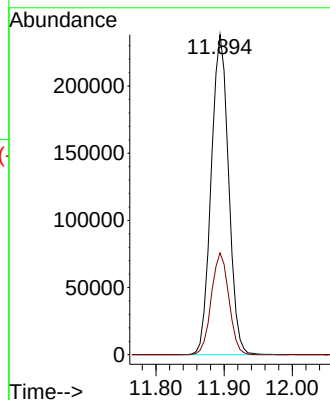
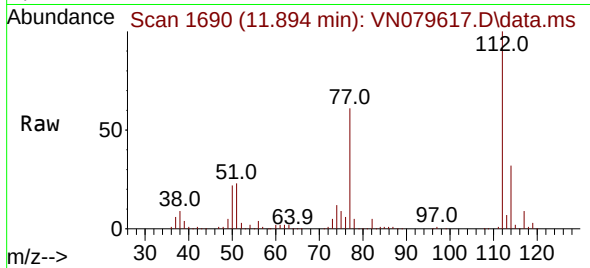
#65
Chlorobenzene
Concen: 48.192 ug/l
RT: 11.894 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 423290
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

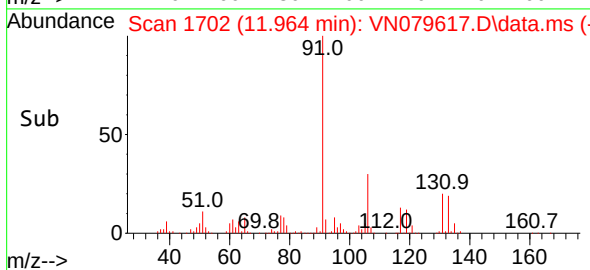
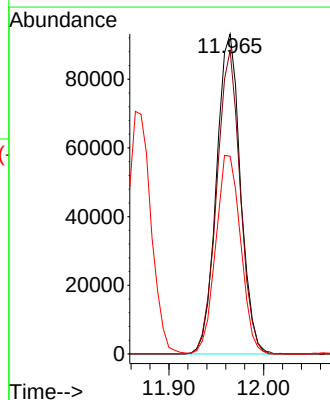
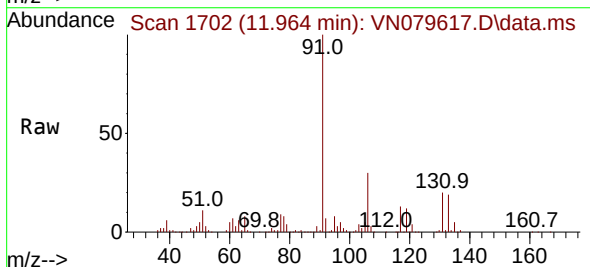
Manual Integrations
APPROVED

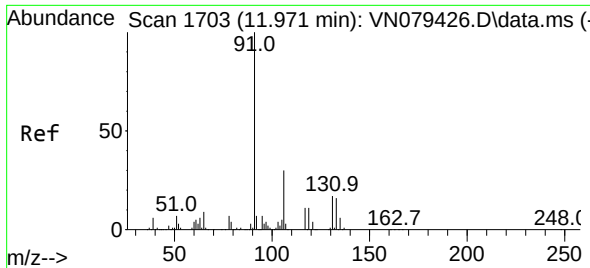
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.842 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

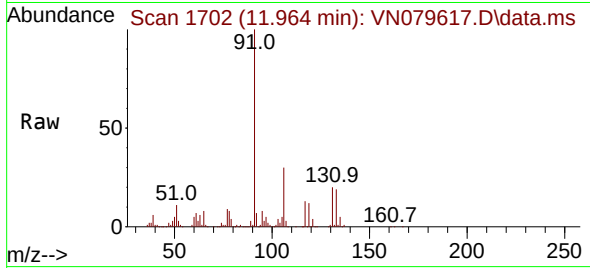
Tgt Ion:131 Resp: 163510
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 64.7 34.1 102.2





#67
Ethyl Benzene
Concen: 51.718 ug/l
RT: 11.964 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

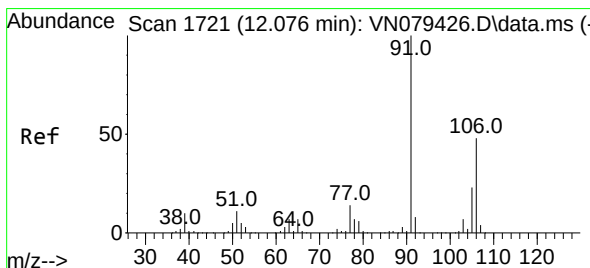
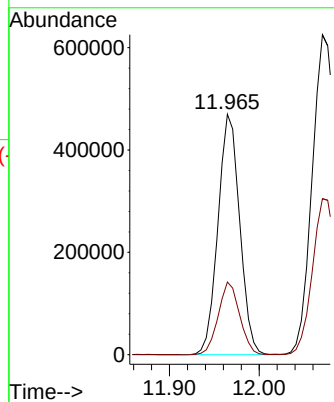
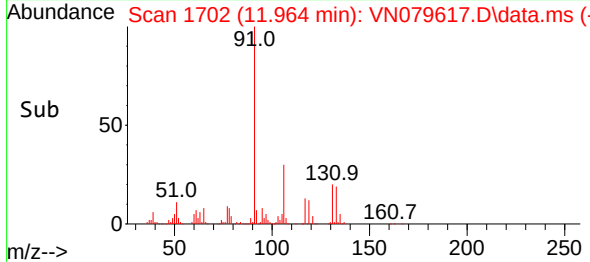
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 78956
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

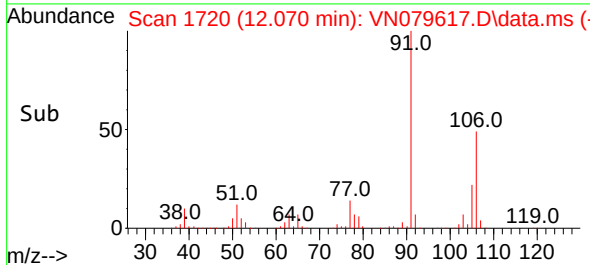
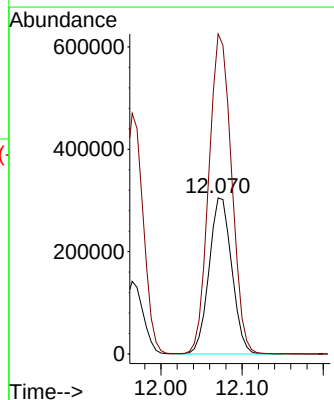
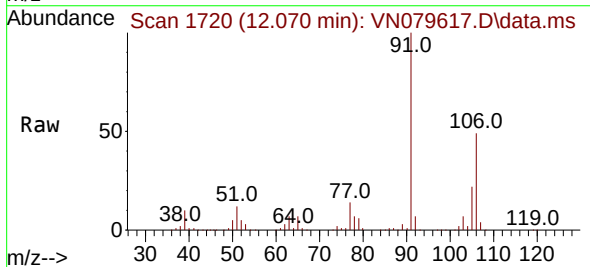
Manual Integrations
APPROVED

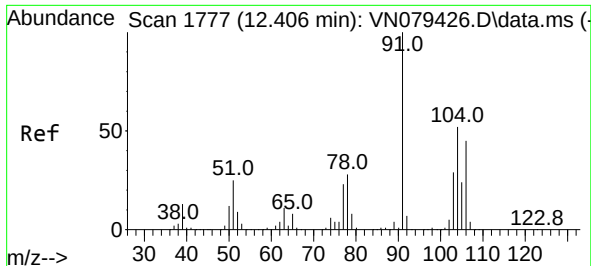
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 106.732 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion:106 Resp: 592056
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4





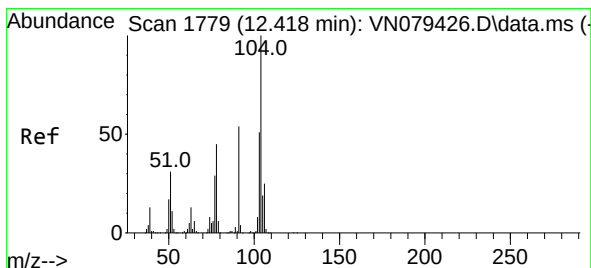
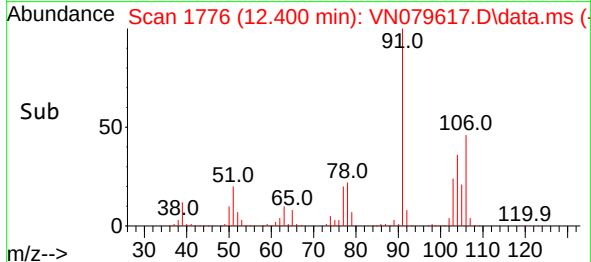
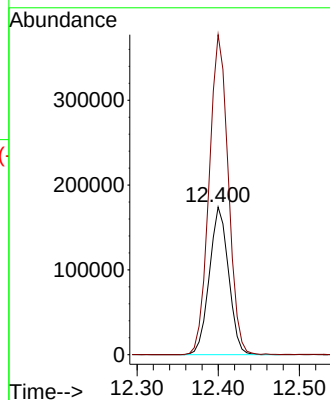
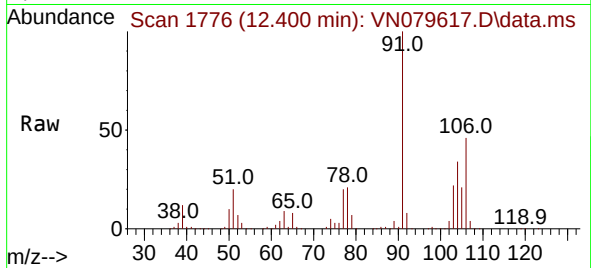
#69
o-Xylene
Concen: 52.340 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 28552
Ion Ratio Lower Upper
106 100
91 216.7 105.2 315.5

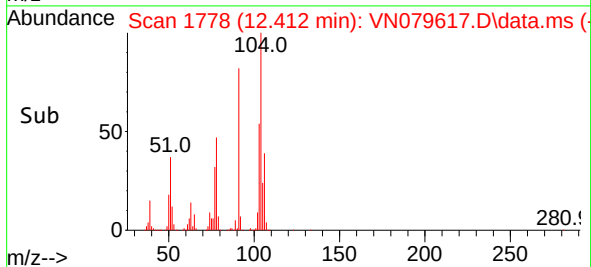
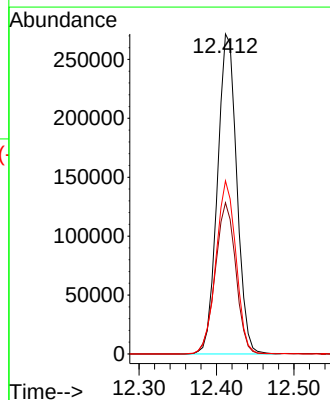
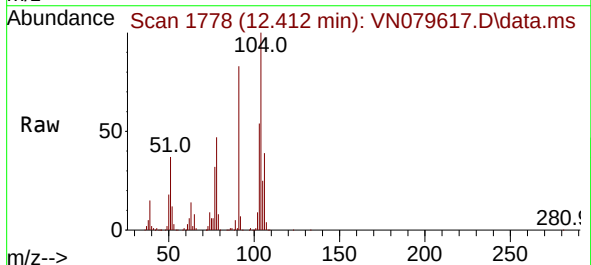
Manual Integrations
APPROVED

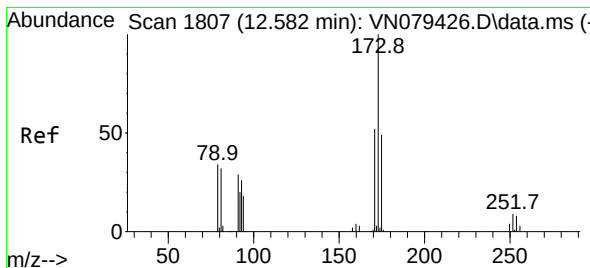
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 54.690 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion:104 Resp: 471259
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 49.104 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079617.D

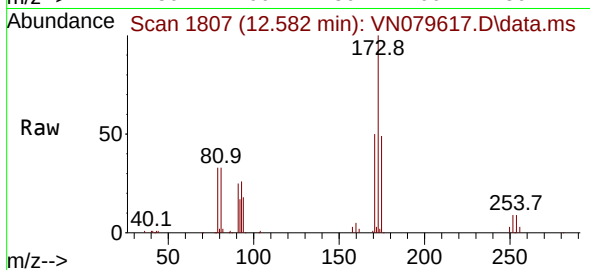
Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 115579

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

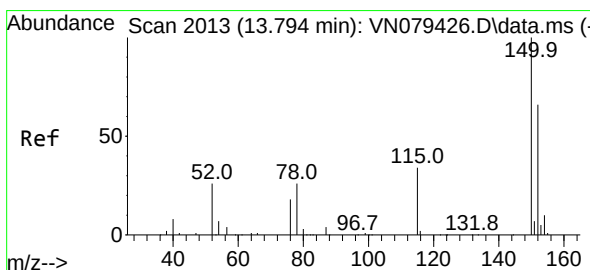
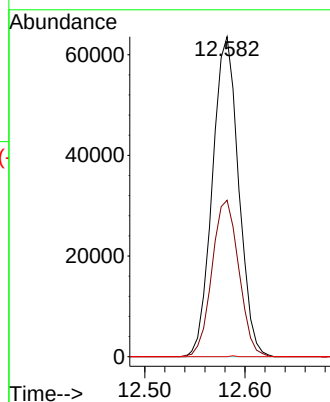
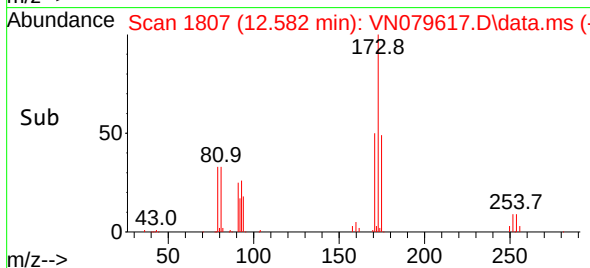
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

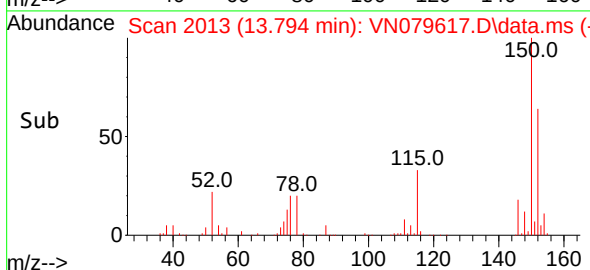
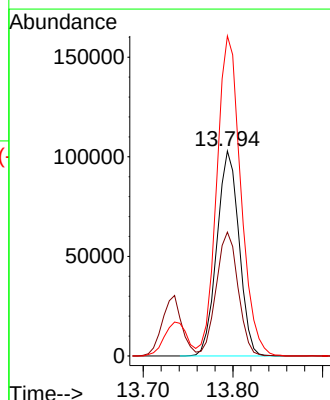
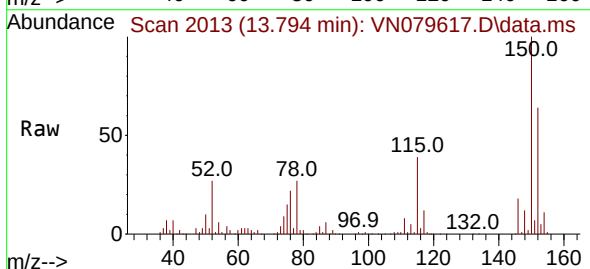
Tgt Ion:152 Resp: 176035

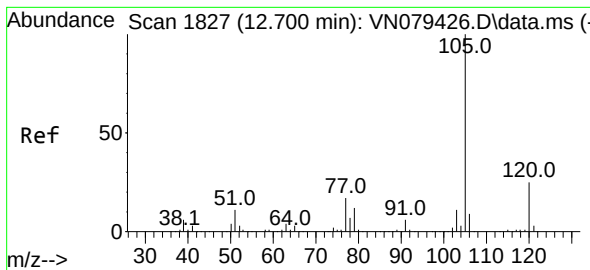
Ion Ratio Lower Upper

152 100

115 60.1 32.3 96.8

150 169.4 0.0 355.8





#73

Isopropylbenzene

Concen: 44.503 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 72882

Ion Ratio Lower Upper

105 100

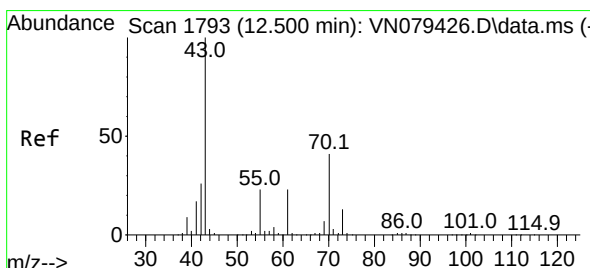
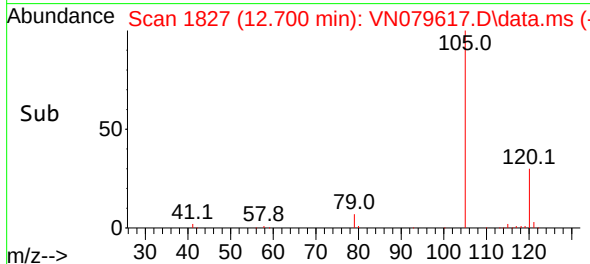
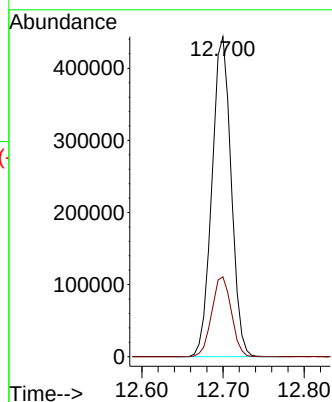
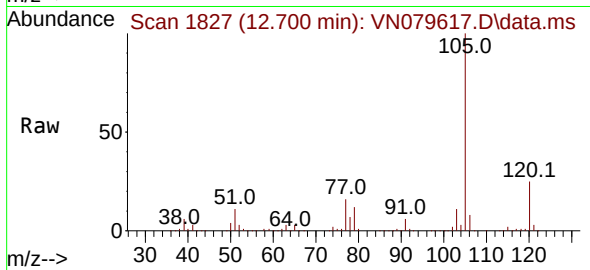
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 41.700 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Tgt Ion: 43 Resp: 279972

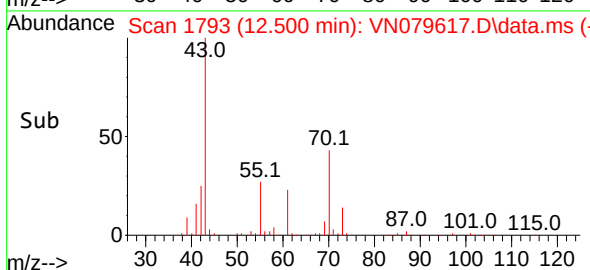
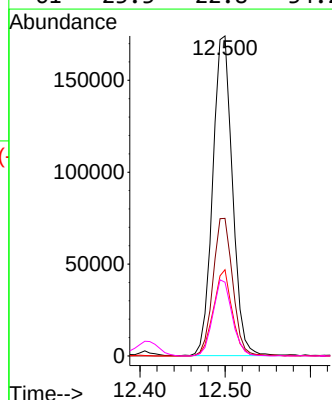
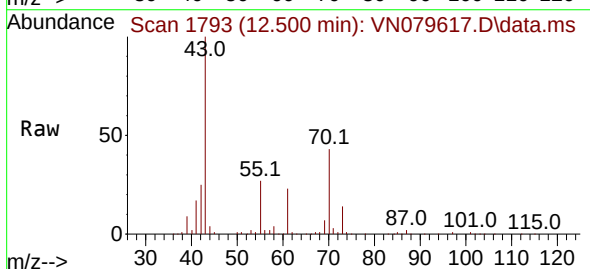
Ion Ratio Lower Upper

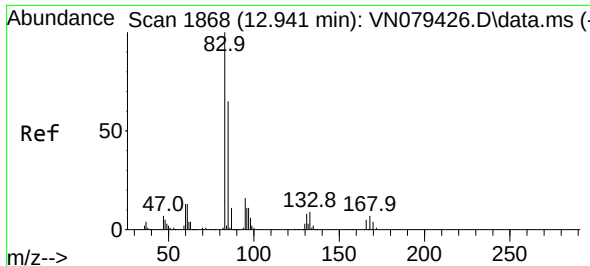
43 100

70 43.1 43.4 65.2#

55 25.9 21.4 32.0

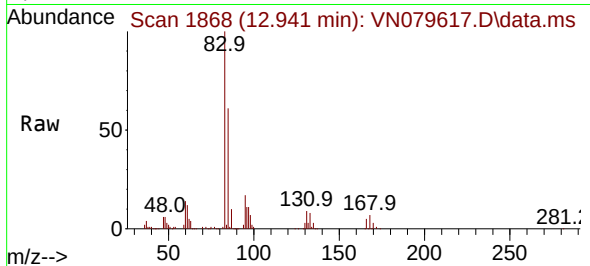
61 23.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.305 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

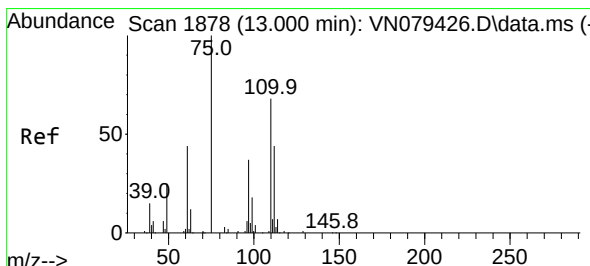
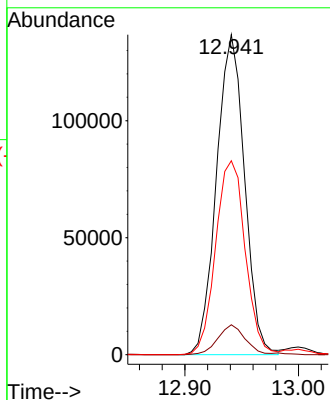
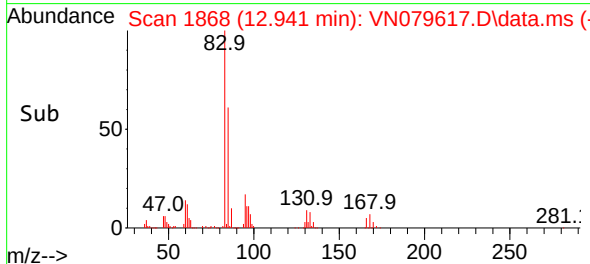
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 234929
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.8 31.9 95.7

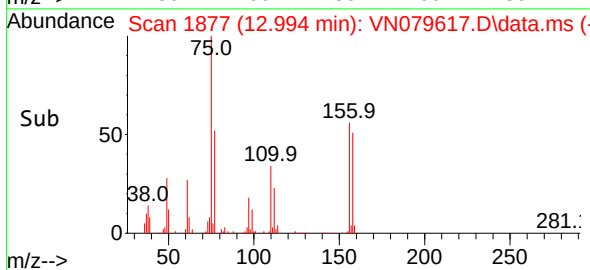
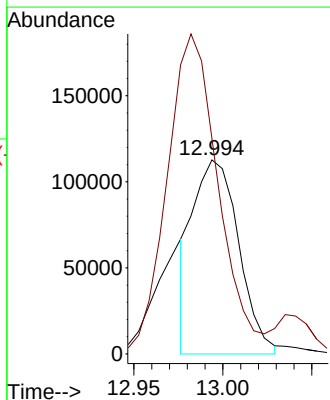
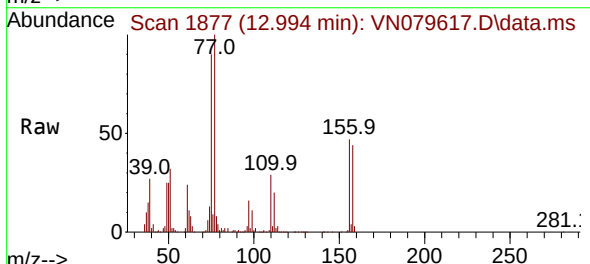
Manual Integrations
APPROVED

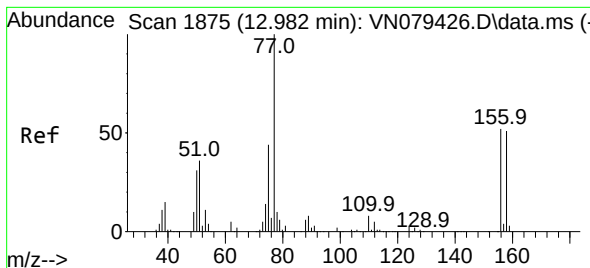
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 39.763 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Tgt Ion: 75 Resp: 201820
Ion Ratio Lower Upper
75 100
77 184.7 84.5 253.5





#77

Bromobenzene

Concen: 40.610 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 163070

Ion Ratio Lower Upper

156 100

77 228.5 107.7 323.3

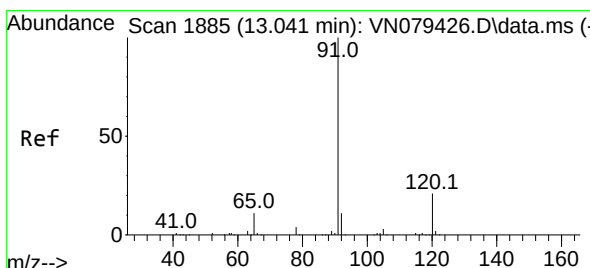
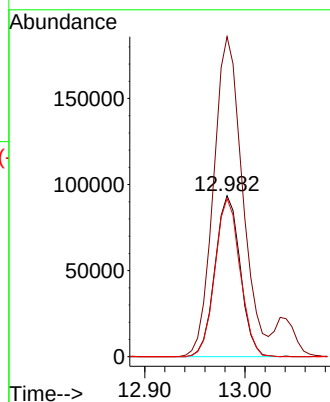
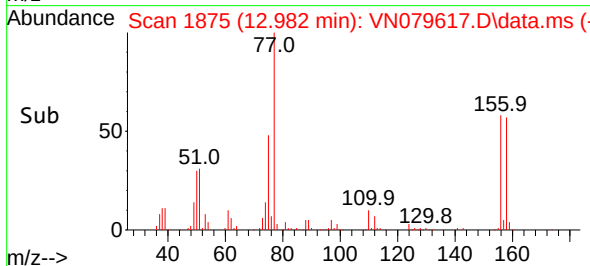
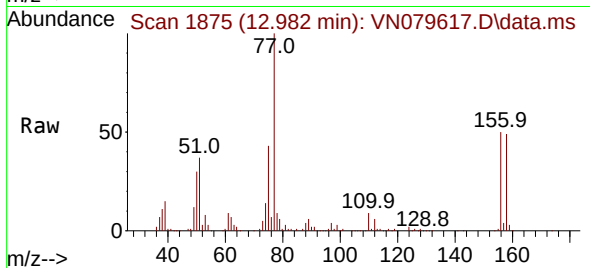
158 97.8 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 46.497 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079617.D

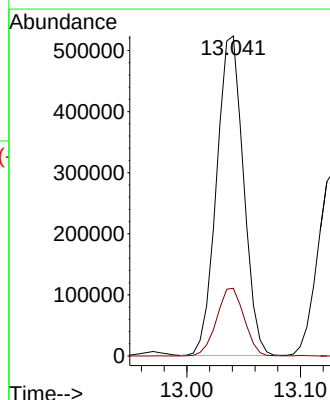
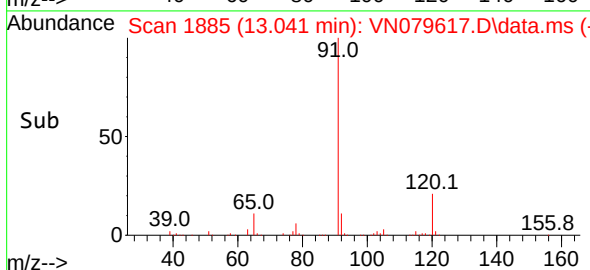
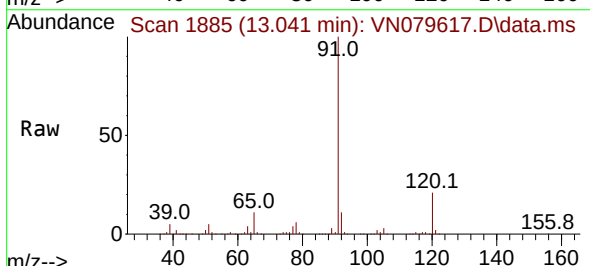
Acq: 19 Oct 2023 16:40

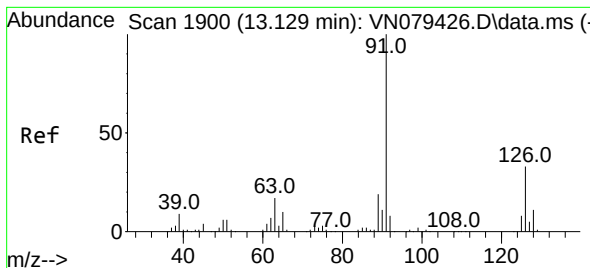
Tgt Ion: 91 Resp: 861541

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





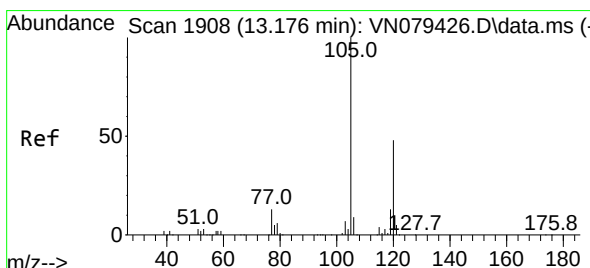
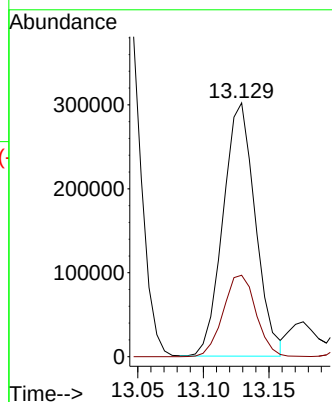
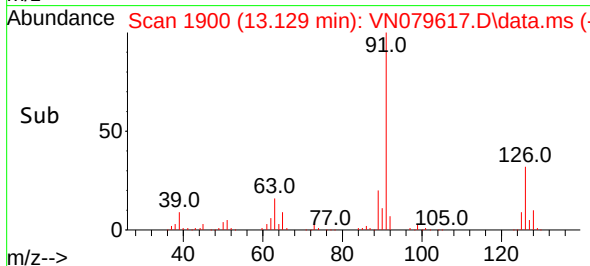
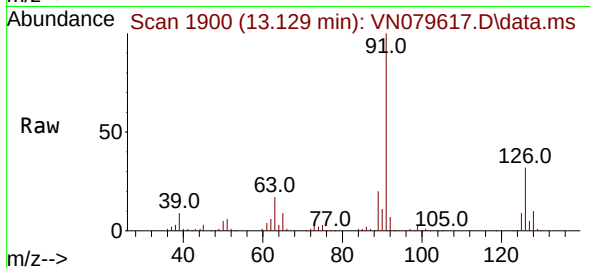
#79
2-Chlorotoluene
Concen: 43.677 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 517864
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

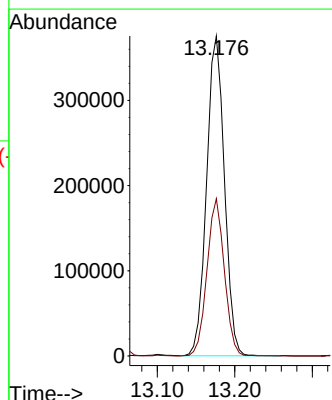
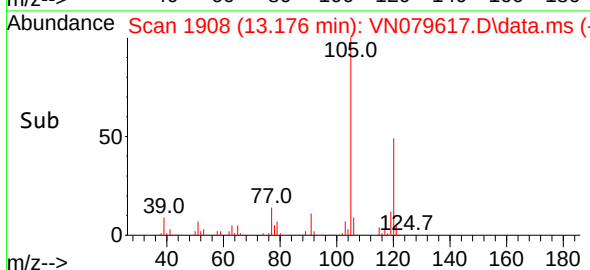
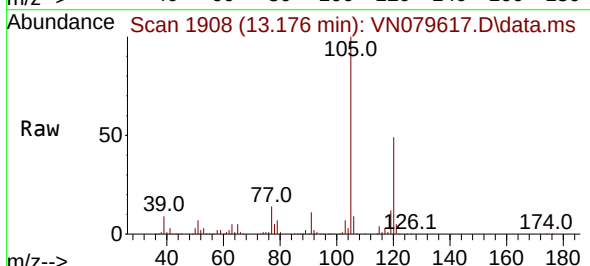
Manual Integrations
APPROVED

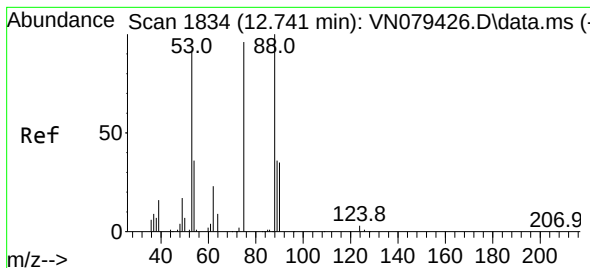
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.375 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

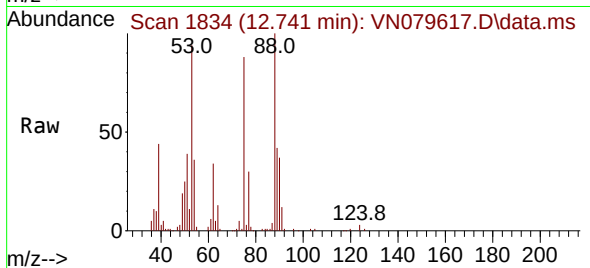
Tgt Ion:105 Resp: 598885
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 38.520 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

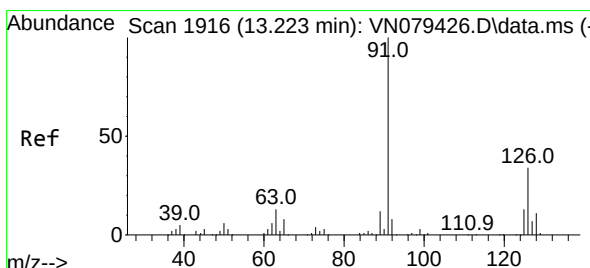
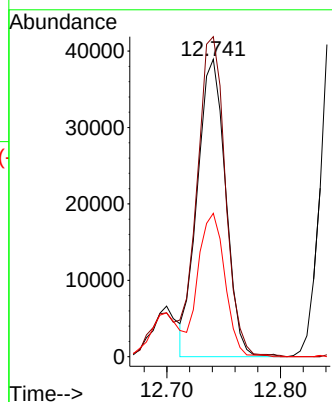
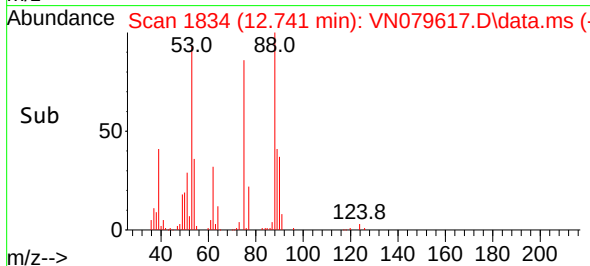
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6738
Ion Ratio Lower Upper
75 100
53 109.5 67.4 101.2
89 44.9 38.8 58.2

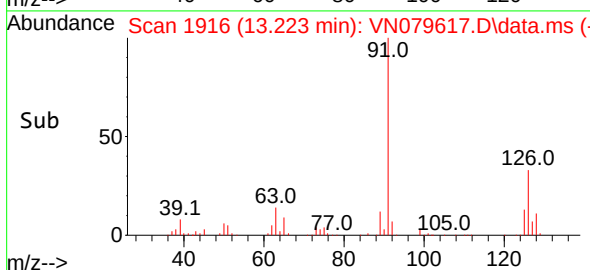
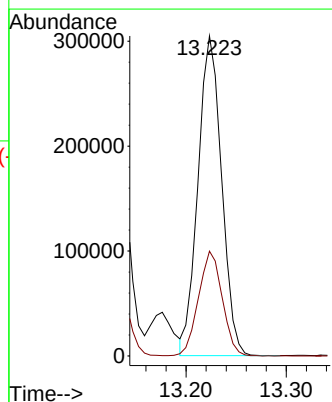
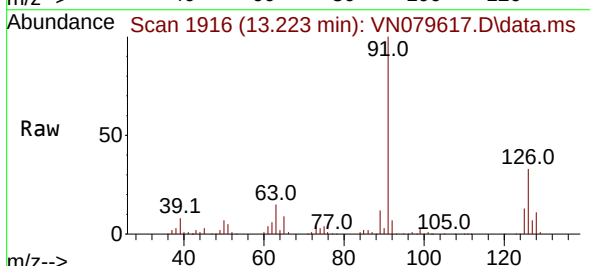
Manual Integrations
APPROVED

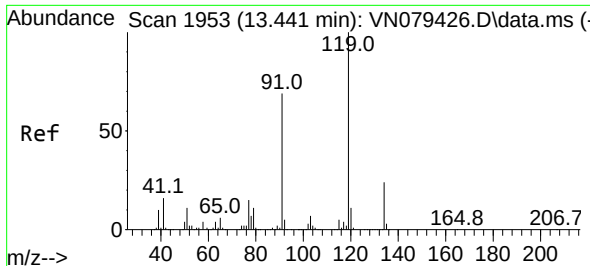
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 44.290 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

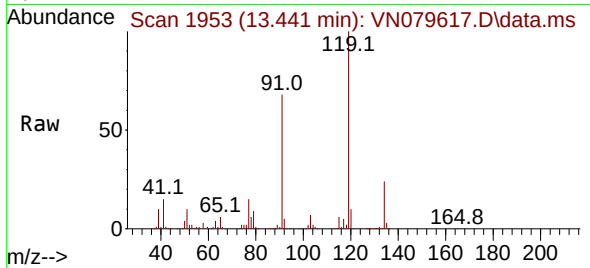
Tgt Ion: 91 Resp: 499707
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 46.223 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

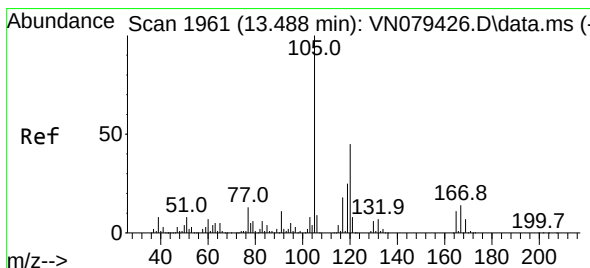
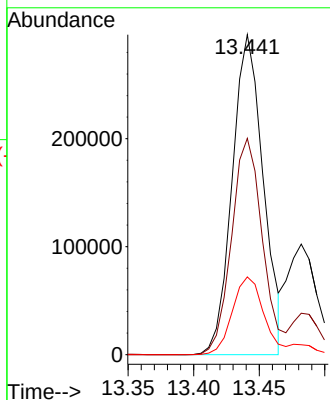
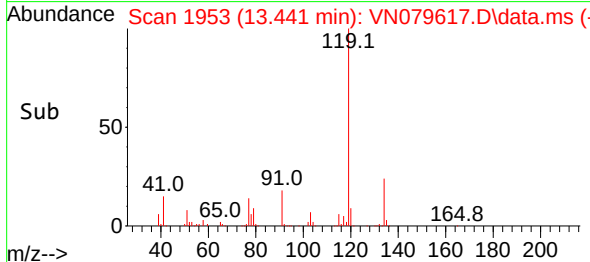
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



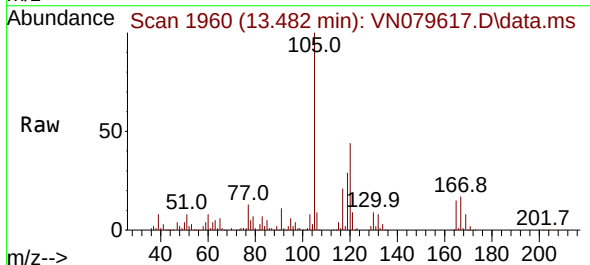
Tgt Ion:119 Resp: 48906
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 24.6 13.2 39.6

Manual Integrations
APPROVED

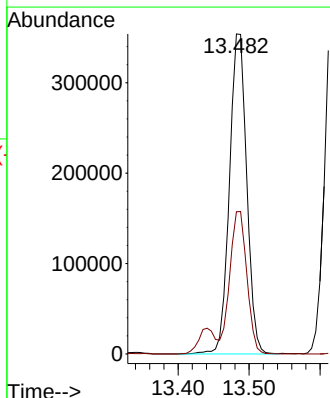
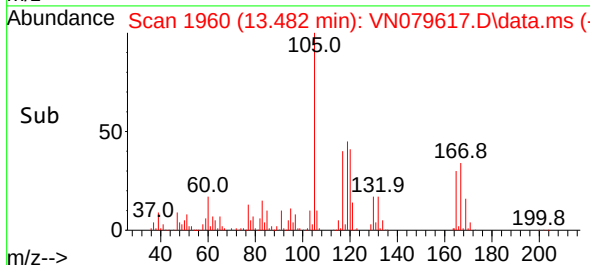
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

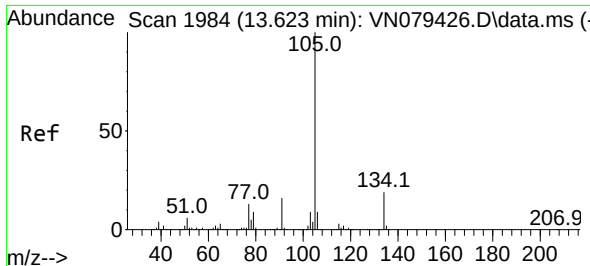


#84
1,2,4-Trimethylbenzene
Concen: 48.622 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40



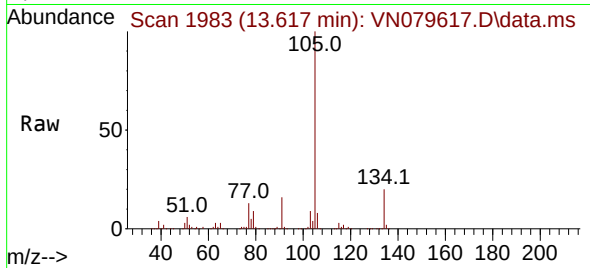
Tgt Ion:105 Resp: 599229
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.076 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079617.D
 Acq: 19 Oct 2023 16:40

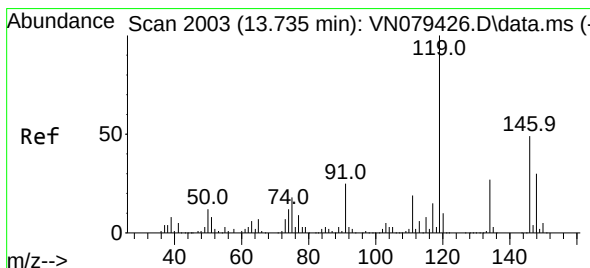
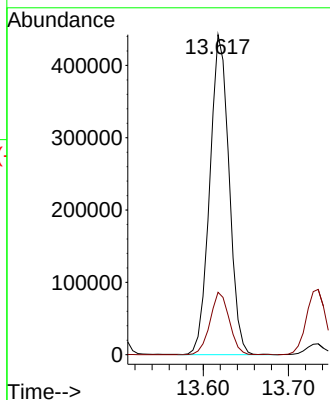
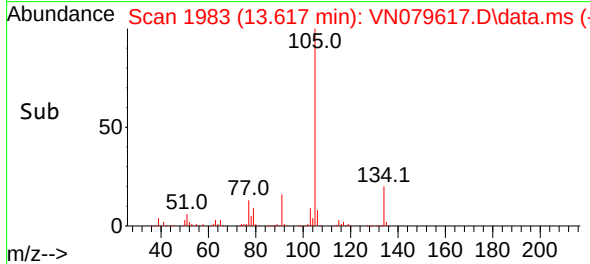
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 69475
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

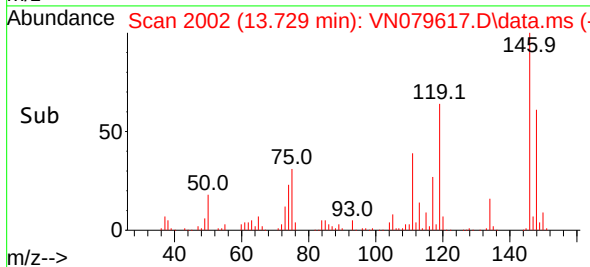
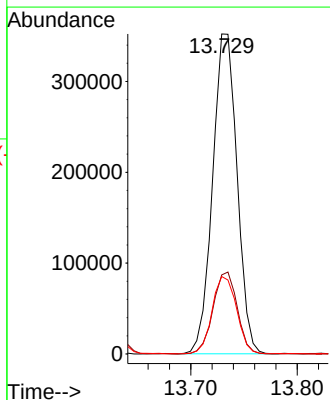
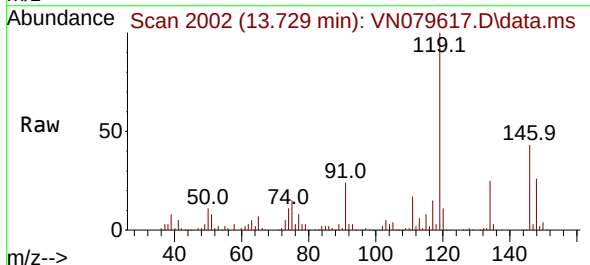
Manual Integrations
 APPROVED

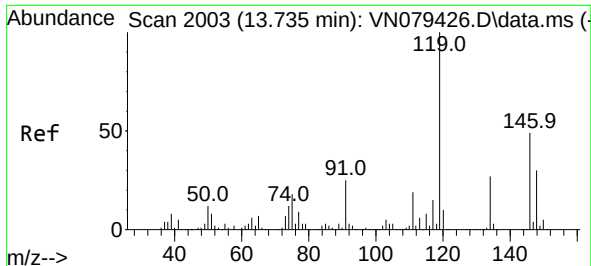
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 49.592 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079617.D
 Acq: 19 Oct 2023 16:40

Tgt Ion:119 Resp: 561460
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.354 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 295230

Ion Ratio Lower Upper

146 100

111 40.7 22.1 66.3

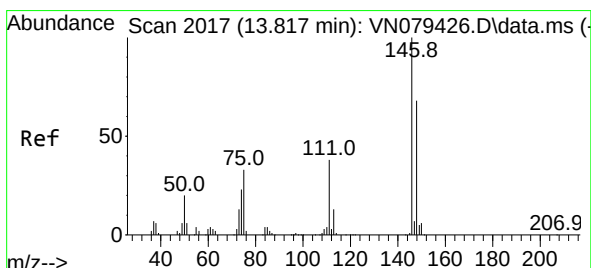
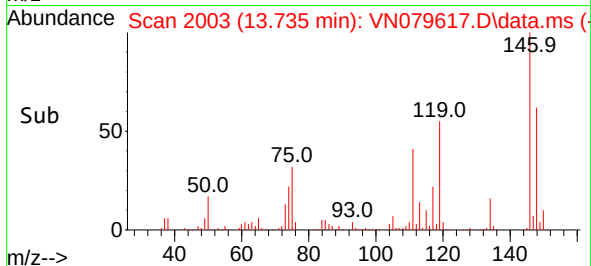
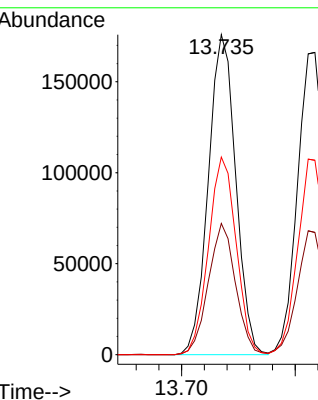
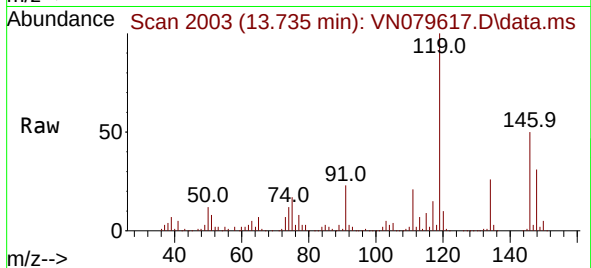
148 62.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 43.699 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

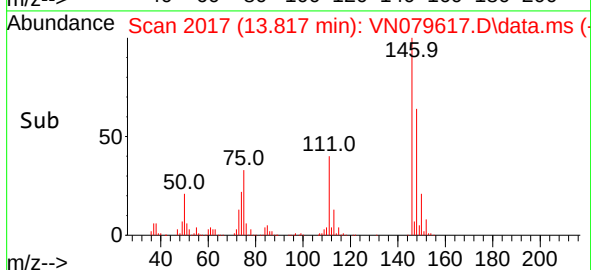
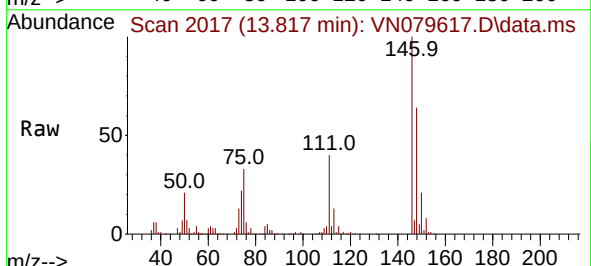
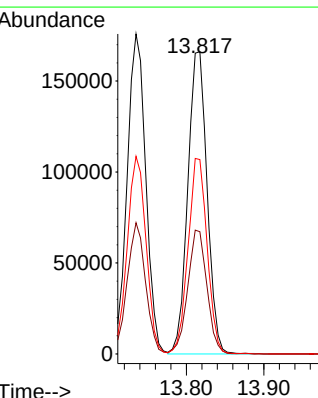
Tgt Ion:146 Resp: 287381

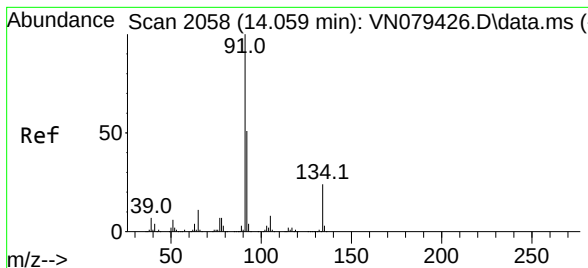
Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 51.589 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

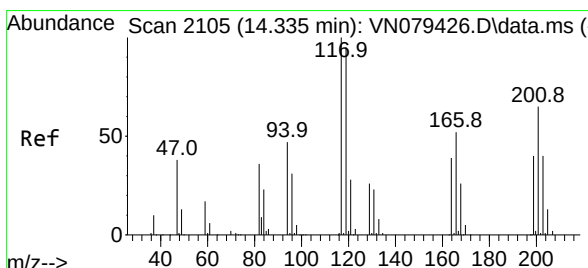
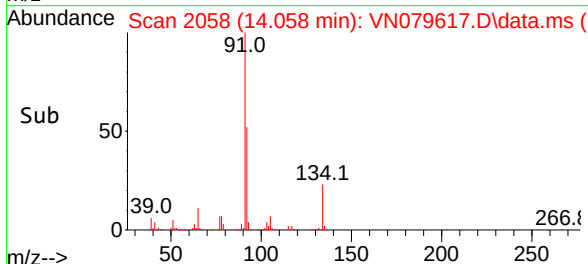
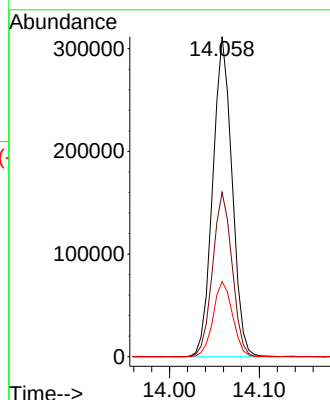
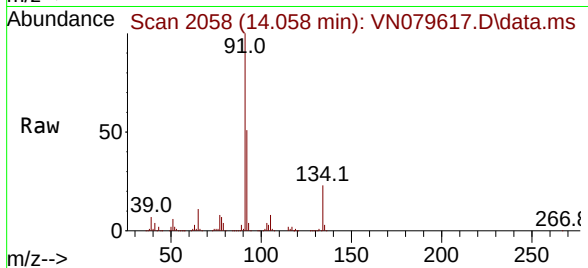
Tgt Ion:	91	Resp:	46641
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.4	79.0
134	23.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 47.727 ug/l

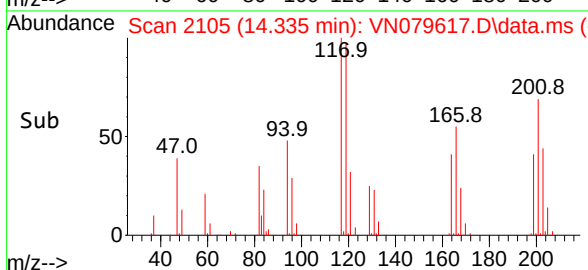
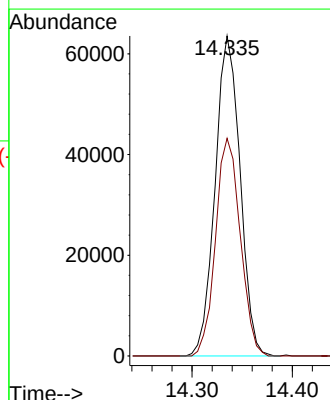
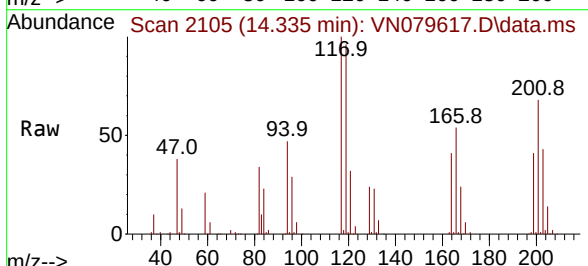
RT: 14.335 min Scan# 2105

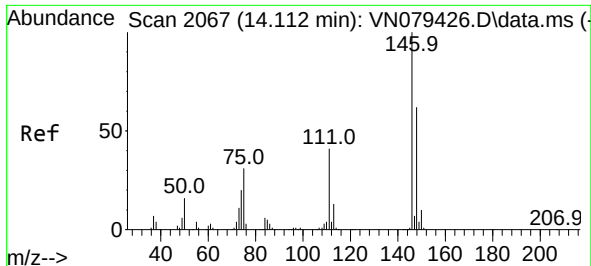
Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

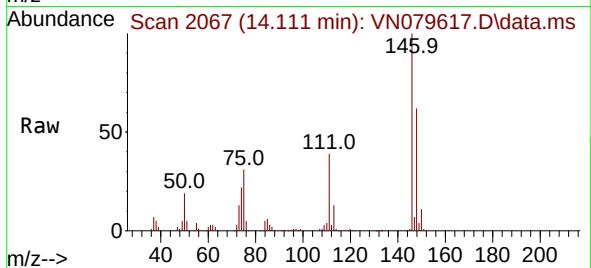
Tgt Ion:	117	Resp:	109810
Ion Ratio	Lower	Upper	
117	100		
201	67.2	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 45.787 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

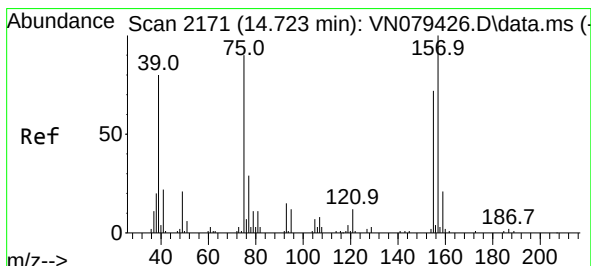
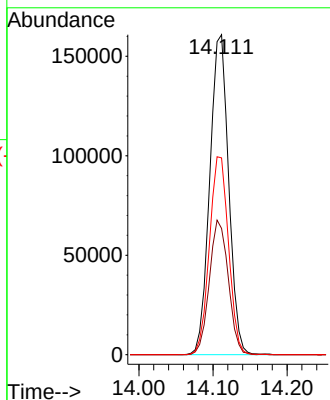
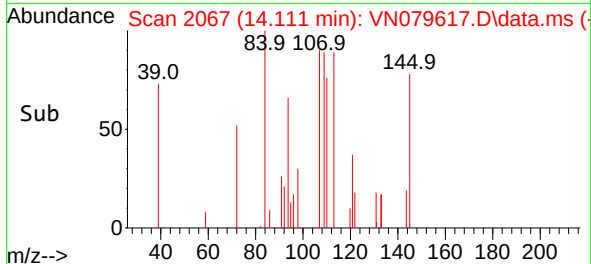
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 28445
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 62.7 31.8 95.3

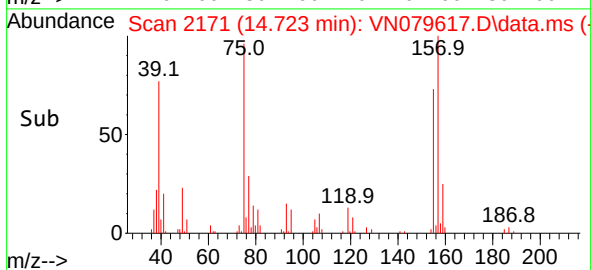
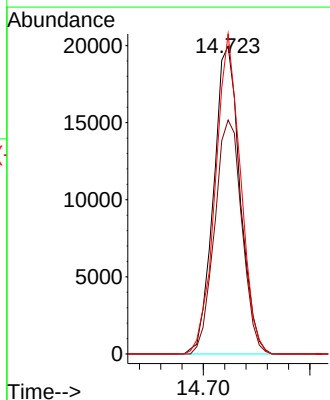
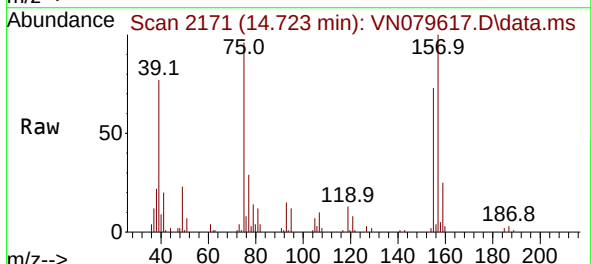
Manual Integrations
APPROVED

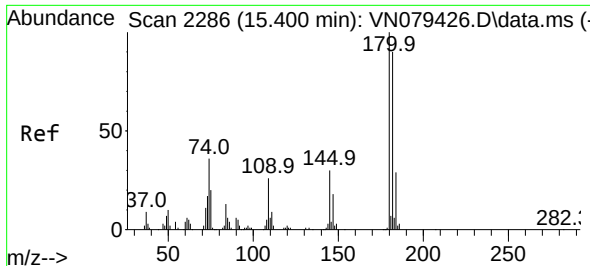
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.302 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

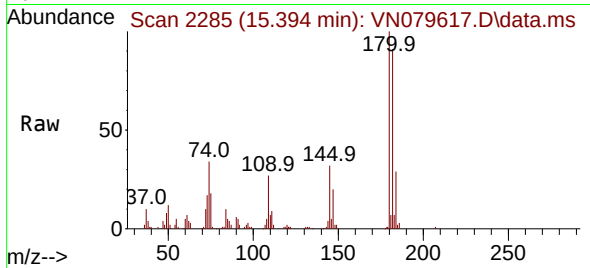
Tgt Ion: 75 Resp: 34378
Ion Ratio Lower Upper
75 100
155 78.3 39.1 117.2
157 99.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.309 ug/l
RT: 15.394 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40

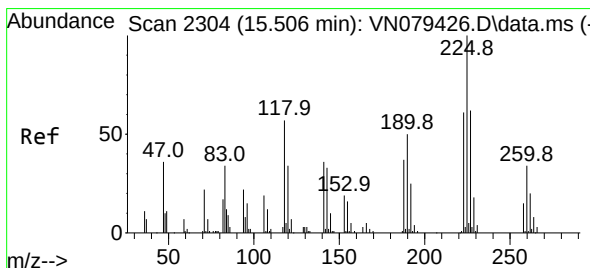
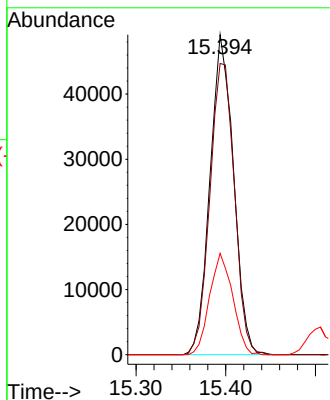
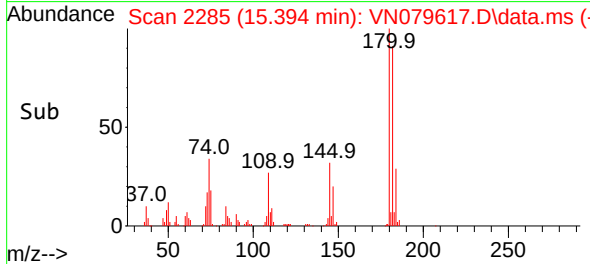
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



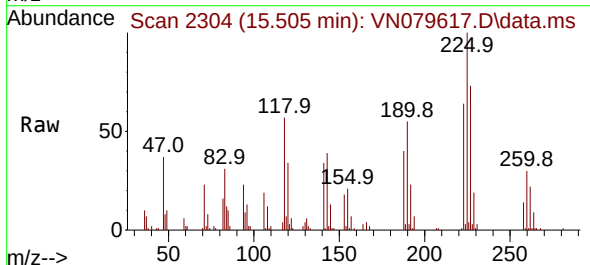
Tgt Ion:180 Resp: 8910
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 31.2 16.6 49.8

Manual Integrations
APPROVED

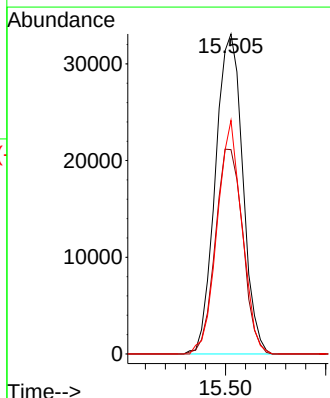
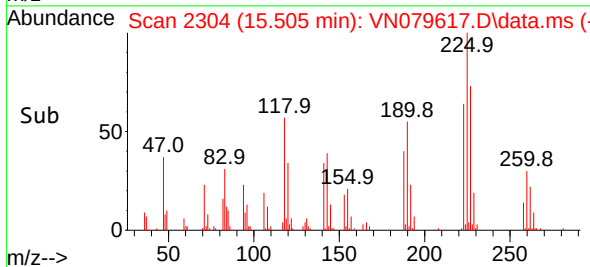
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

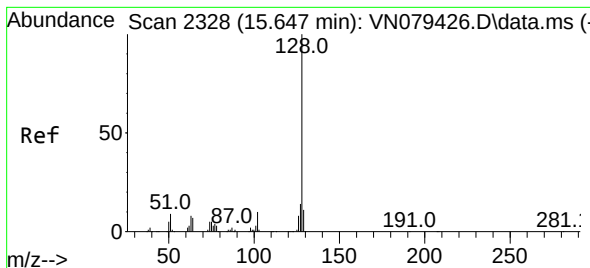


#94
Hexachlorobutadiene
Concen: 41.778 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079617.D
Acq: 19 Oct 2023 16:40



Tgt Ion:225 Resp: 62608
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.8
227 66.1 31.9 95.9





#95

Naphthalene

Concen: 37.018 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 21750

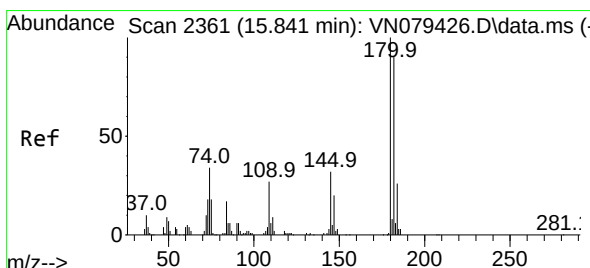
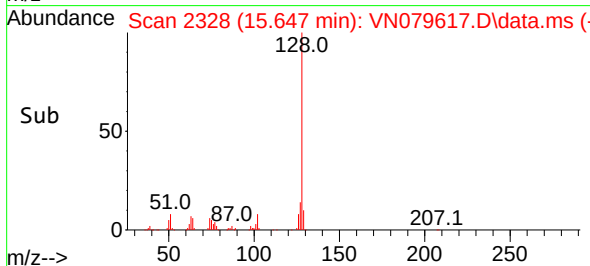
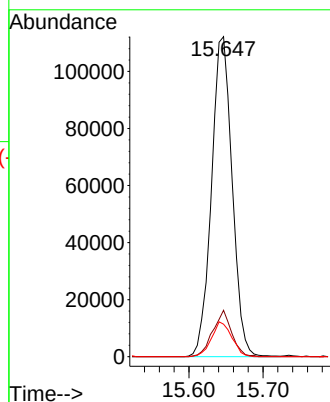
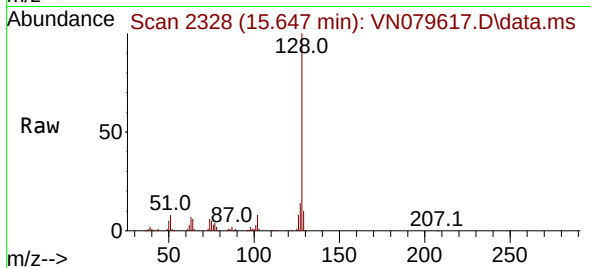
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 40.300 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079617.D

Acq: 19 Oct 2023 16:40

Tgt Ion:180 Resp: 92535

Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.2	138.6
145	34.8	17.5	52.6

