

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079054.D
 Acq On : 25 Aug 2023 16:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 23:06:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	219287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	381310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	343217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159462	46.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.460%
35) Dibromofluoromethane	8.171	113	131583	51.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.570	98	462724	48.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.853	95	168093	53.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	140538	46.188	ug/l	98
3) Chloromethane	2.365	50	150639	35.459	ug/l	98
4) Vinyl Chloride	2.512	62	159080	42.699	ug/l	98
5) Bromomethane	2.936	94	88518	41.382	ug/l	100
6) Chloroethane	3.106	64	105484	40.501	ug/l	98
7) Trichlorofluoromethane	3.489	101	227001	50.025	ug/l	99
8) Diethyl Ether	3.965	74	88797	51.617	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	120071	49.682	ug/l	94
10) Methyl Iodide	4.583	142	159334	58.924	ug/l	99
11) Tert butyl alcohol	5.535	59	150883	263.510	ug/l	100
12) 1,1-Dichloroethene	4.341	96	117396	49.866	ug/l #	80
13) Acrolein	4.183	56	62663	192.531	ug/l	96
14) Allyl chloride	5.030	41	239235	51.058	ug/l #	89
15) Acrylonitrile	5.724	53	382547	246.617	ug/l	98
16) Acetone	4.436	43	380164	270.010	ug/l	91
17) Carbon Disulfide	4.712	76	288316	43.751	ug/l	99
18) Methyl Acetate	5.030	43	294201	49.463	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	431805	50.918	ug/l	95
20) Methylene Chloride	5.283	84	151727	50.568	ug/l #	77
21) trans-1,2-Dichloroethene	5.794	96	125107	47.390	ug/l	84
22) Diisopropyl ether	6.682	45	479227	48.346	ug/l #	88
23) Vinyl Acetate	6.612	43	1536837	235.468	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	251738	46.488	ug/l	99
25) 2-Butanone	7.488	43	545029	241.447	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	208162	47.557	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	148818	46.380	ug/l	83
28) Bromochloromethane	7.812	49	133211	46.374	ug/l #	73
29) Tetrahydrofuran	7.847	42	356828	238.820	ug/l #	71
30) Chloroform	7.971	83	261057	48.255	ug/l	92
31) Cyclohexane	8.259	56	200790	47.027	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	226238	49.044	ug/l	95
36) 1,1-Dichloropropene	8.376	75	190378	49.307	ug/l	95
37) Ethyl Acetate	7.571	43	217970	50.456	ug/l #	89
38) Carbon Tetrachloride	8.365	117	195639	50.569	ug/l	97
39) Methylcyclohexane	9.606	83	187267	52.736	ug/l #	88
40) Benzene	8.612	78	557535	48.853	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	119518	50.798	ug/l #	79
42) 1,2-Dichloroethane	8.676	62	201503	47.260	ug/l	97
43) Isopropyl Acetate	8.694	43	365318	47.844	ug/l #	87
44) Trichloroethene	9.359	130	142405	52.515	ug/l	88
45) 1,2-Dichloropropane	9.629	63	150866	49.651	ug/l	99
46) Dibromomethane	9.712	93	101888	48.888	ug/l	92
47) Bromodichloromethane	9.894	83	204174	49.613	ug/l	98
48) Methyl methacrylate	9.688	41	173388	50.111	ug/l #	76
49) 1,4-Dioxane	9.700	88	61609	1045.369	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	1112785	245.719	ug/l #	86
52) Toluene	10.635	92	346783	49.492	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	226042	51.218	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	238977	49.719	ug/l #	84
55) 1,1,2-Trichloroethane	11.023	97	141878	50.500	ug/l	96
56) Ethyl methacrylate	10.882	69	224324	51.508	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	245658	48.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	436881	208.979	ug/l	90
59) 2-Hexanone	11.200	43	813365	247.968	ug/l	85
60) Dibromochloromethane	11.365	129	151559	51.264	ug/l	96
61) 1,2-Dibromoethane	11.476	107	140809	49.320	ug/l	100
64) Tetrachloroethene	11.112	164	117504	54.593	ug/l	93
65) Chlorobenzene	11.894	112	369461	50.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	143238	51.879	ug/l	96
67) Ethyl Benzene	11.970	91	664706	50.031	ug/l	97
68) m/p-Xylenes	12.076	106	503583	101.379	ug/l	97
69) o-Xylene	12.406	106	253581	52.479	ug/l	100
70) Styrene	12.417	104	413745	51.351	ug/l	98
71) Bromoform	12.582	173	108620	54.114	ug/l #	98
73) Isopropylbenzene	12.700	105	640546	48.311	ug/l	100
74) N-amyl acetate	12.500	43	306759	45.836	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	215132	44.937	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	266688	69.606	ug/l	66
77) Bromobenzene	12.982	156	150142	47.111	ug/l	98
78) n-propylbenzene	13.041	91	726736	47.268	ug/l	100
79) 2-Chlorotoluene	13.129	91	445476	46.709	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	519802	49.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	74287	49.530	ug/l	87
82) 4-Chlorotoluene	13.223	91	431227	46.210	ug/l	98
83) tert-Butylbenzene	13.441	119	457947	51.874	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	520574	50.037	ug/l	98
85) sec-Butylbenzene	13.623	105	619101	50.958	ug/l	99
86) p-Isopropyltoluene	13.735	119	511515	52.697	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	274902	50.128	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	263138	47.939	ug/l	99
89) n-Butylbenzene	14.064	91	411056	51.458	ug/l	99
90) Hexachloroethane	14.335	117	95654	49.160	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	268434	49.221	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38414	48.382	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	114916	59.439	ug/l	97
94) Hexachlorobutadiene	15.505	225	60030	62.245	ug/l	97
95) Naphthalene	15.647	128	368289	50.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	115910	54.739	ug/l	96

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QLast Update : Wed Aug 16 02:42:02 2023
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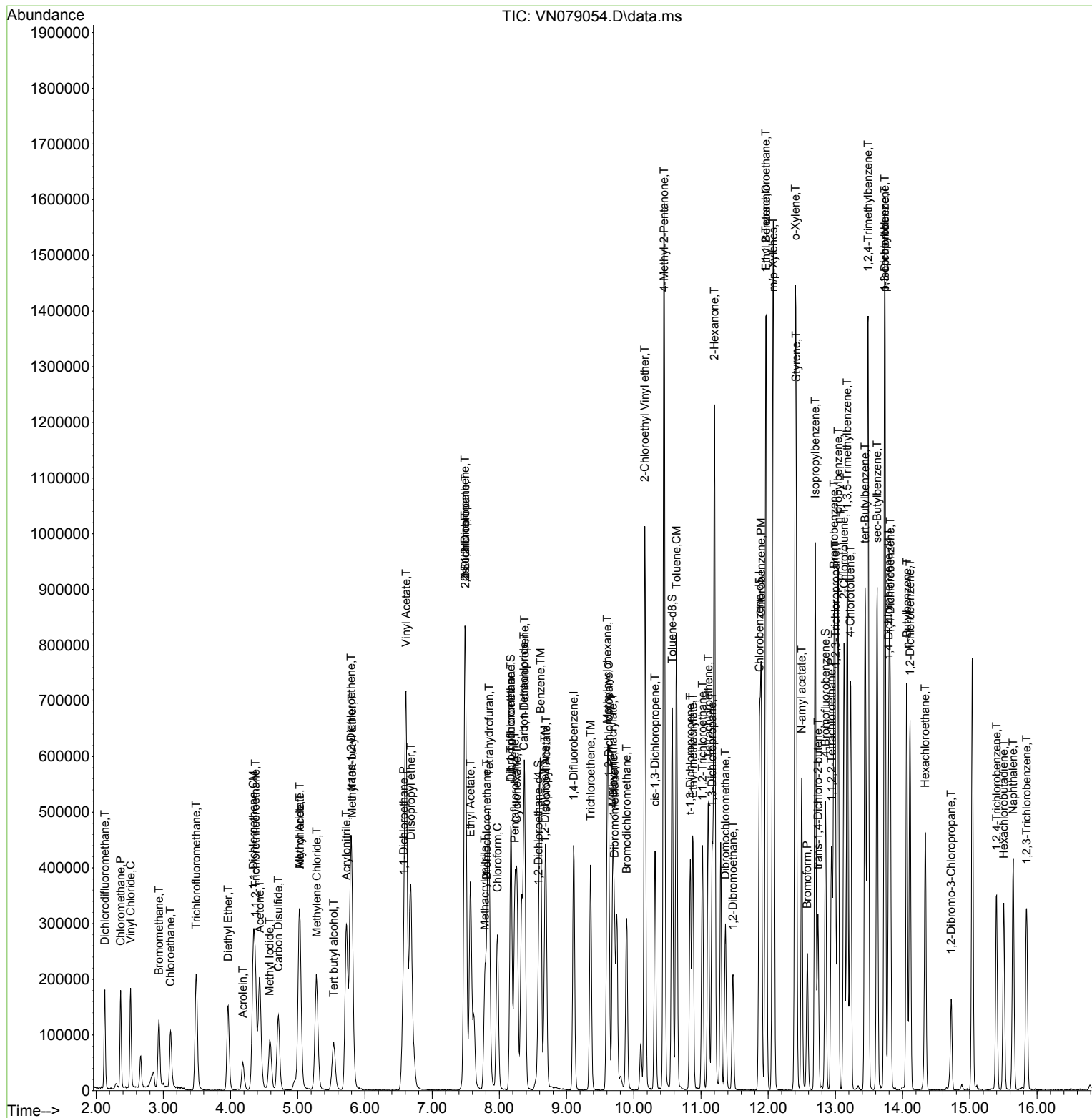
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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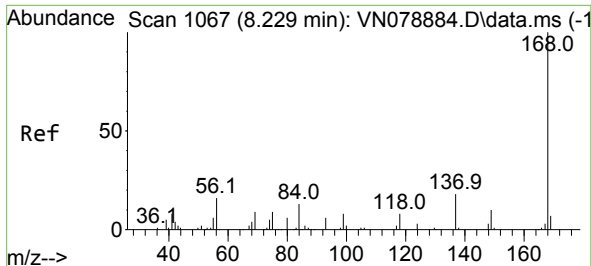
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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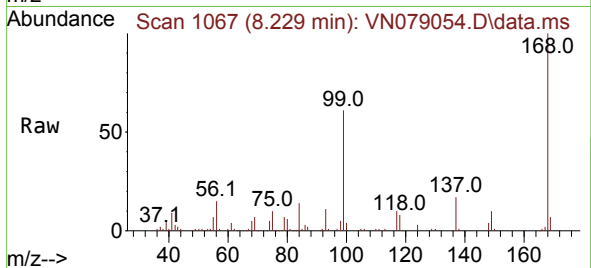
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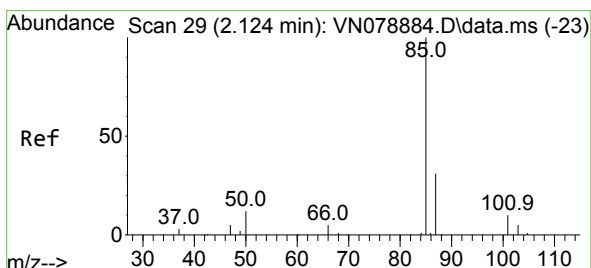
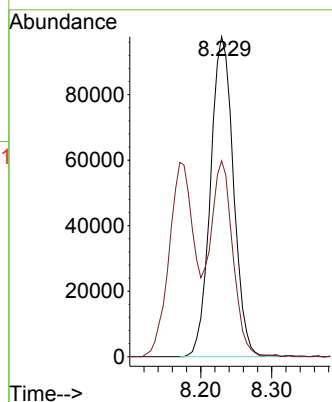
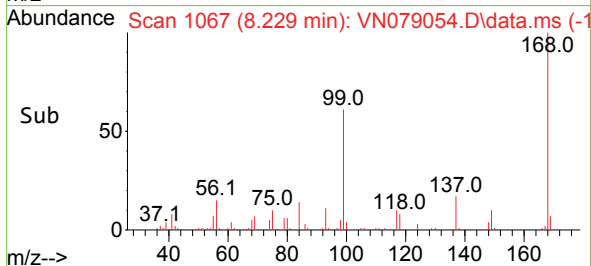


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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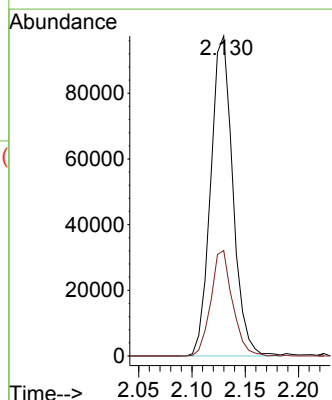
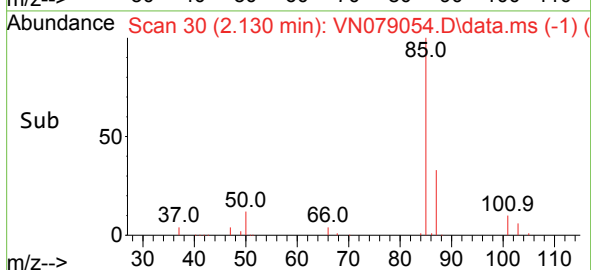
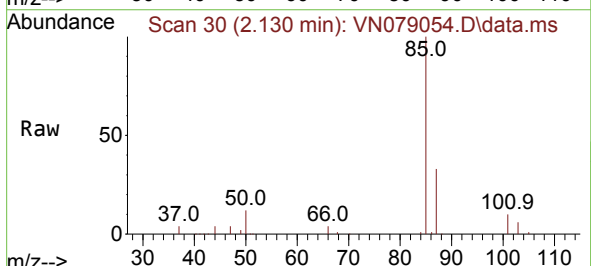


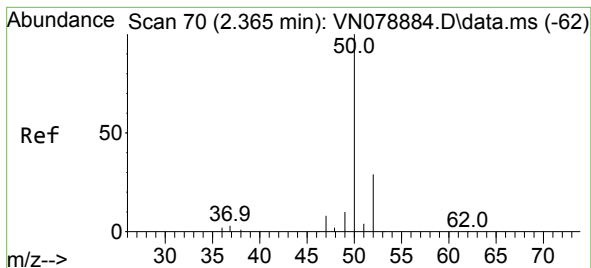
Tgt Ion:168 Resp: 219287
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 46.188 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 85 Resp: 140538
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3

Chloromethane

Concen: 35.459 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

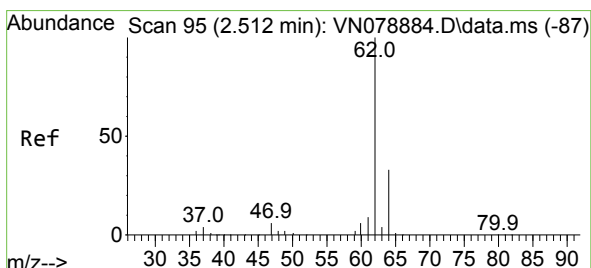
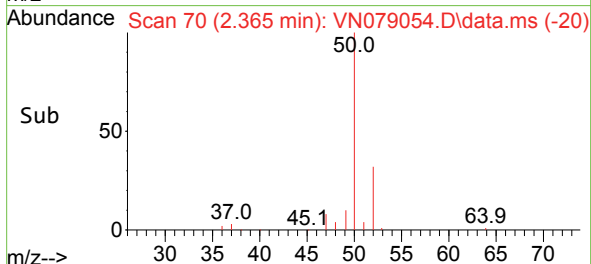
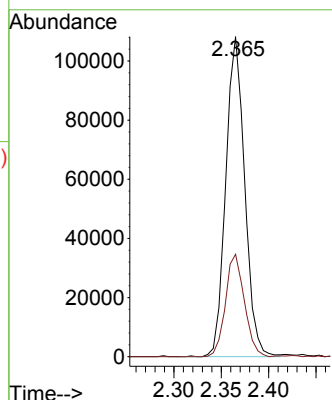
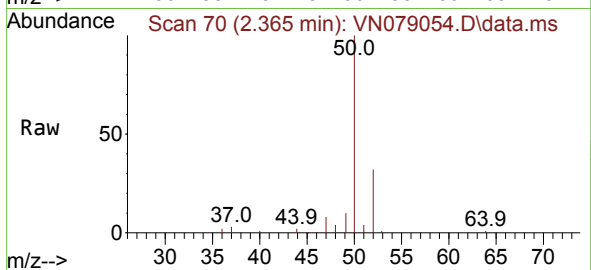
ClientSampleId :

Tgt Ion: 50 Resp: 150639

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 42.699 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079054.D

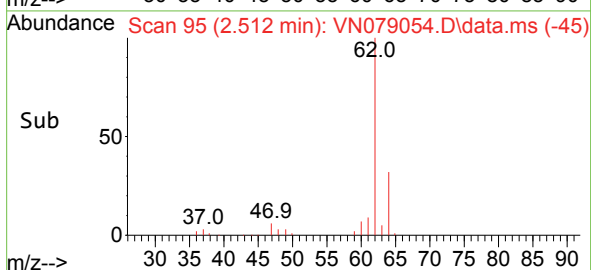
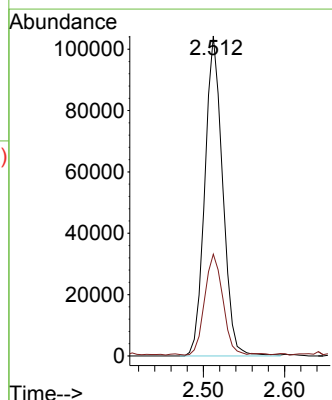
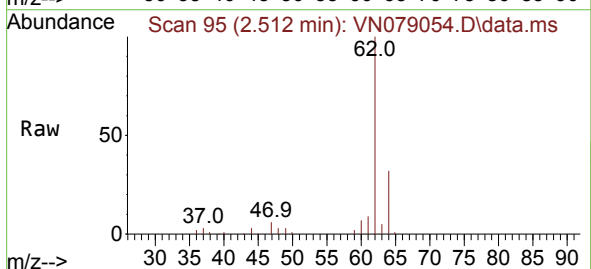
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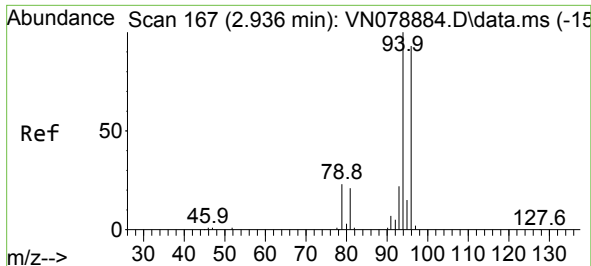
Tgt Ion: 62 Resp: 159080

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2

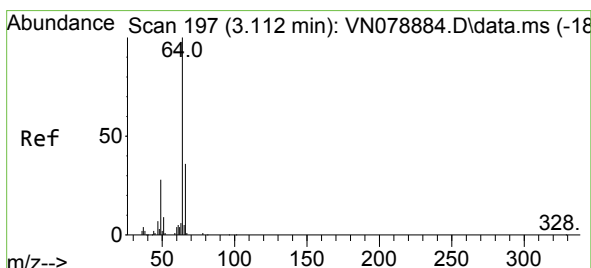
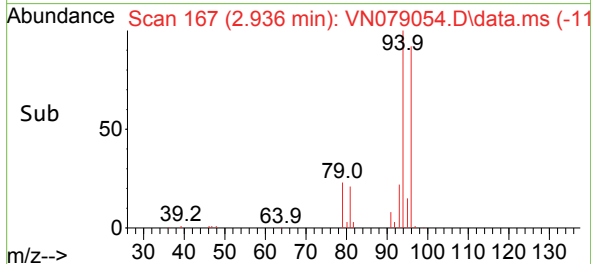
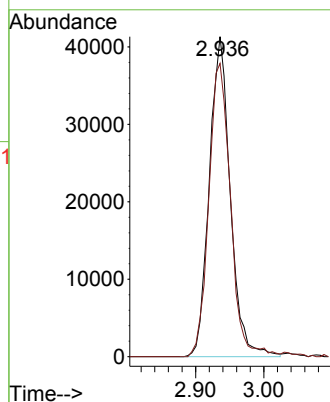
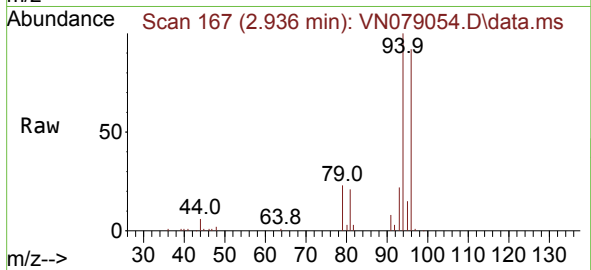




#5
Bromomethane
Concen: 41.382 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
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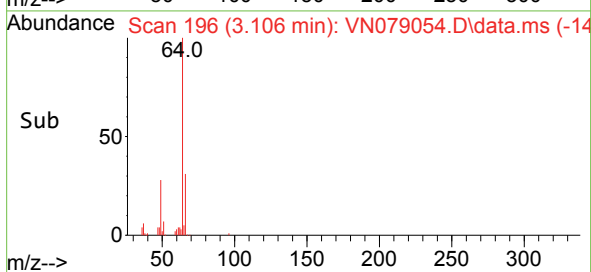
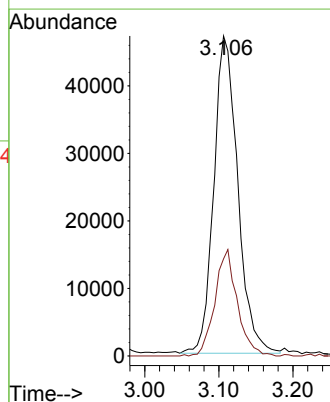
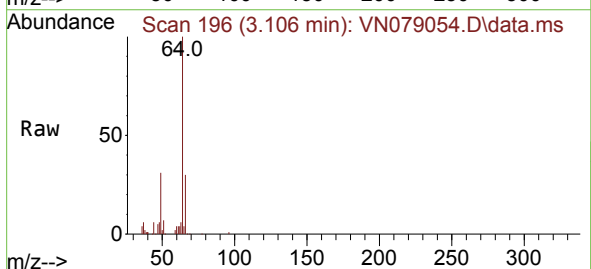
Instrument :
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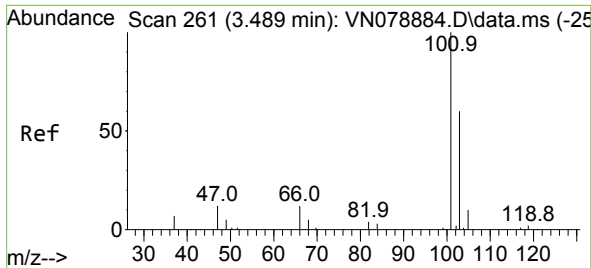
Tgt Ion: 94 Resp: 88518
Ion Ratio Lower Upper
94 100
96 91.7 73.1 109.7



#6
Chloroethane
Concen: 40.501 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079054.D
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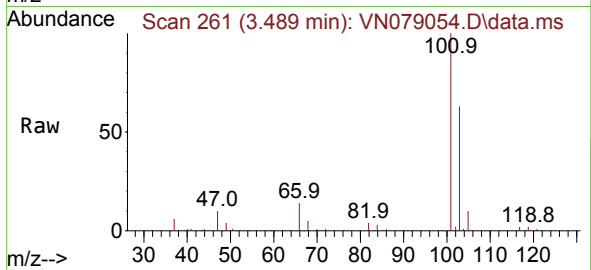
Tgt Ion: 64 Resp: 105484
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2



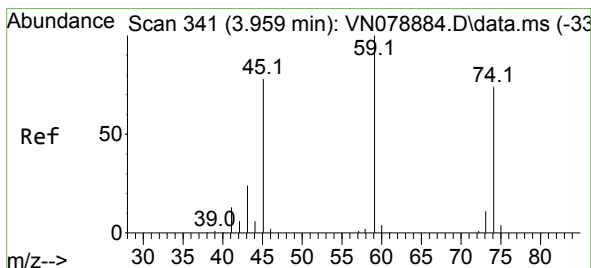
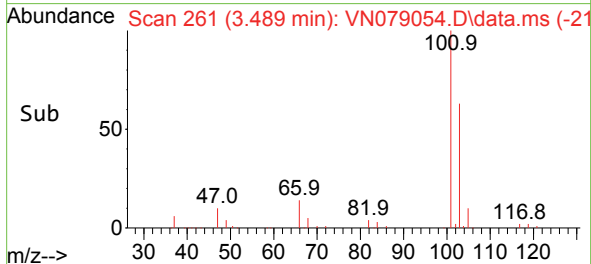
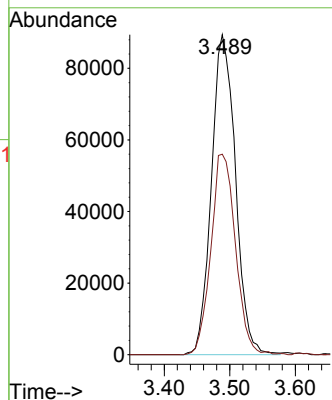


#7
 Trichlorofluoromethane
 Concen: 50.025 ug/l
 RT: 3.489 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

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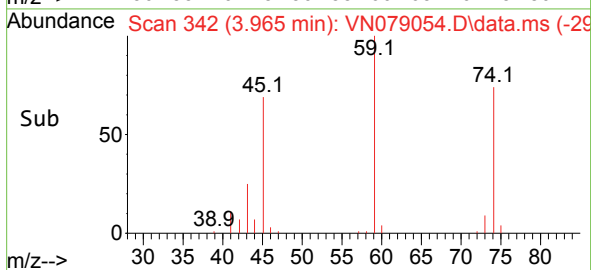
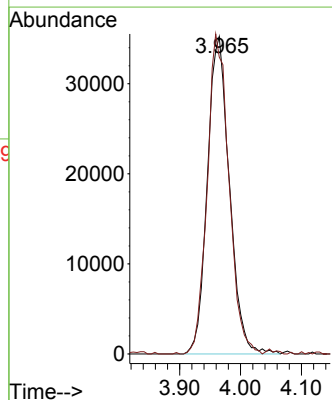
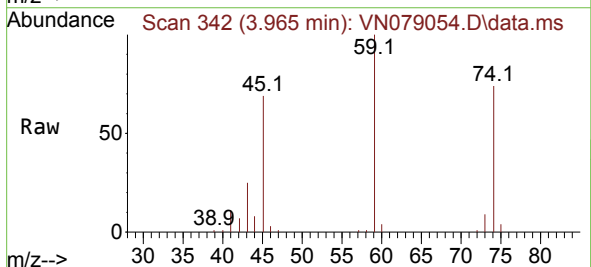


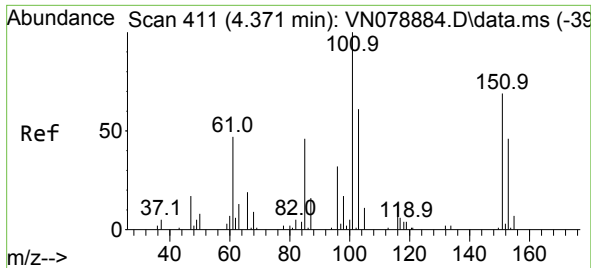
Tgt Ion:101 Resp: 227001
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.617 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 88797
 Ion Ratio Lower Upper
 74 100
 45 99.3 34.4 103.3

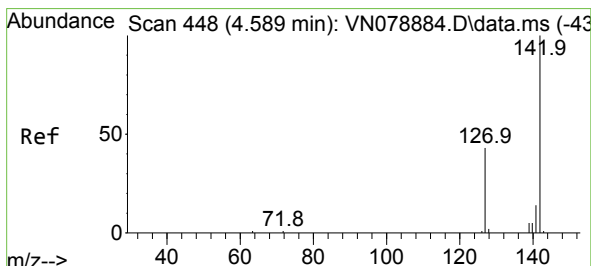
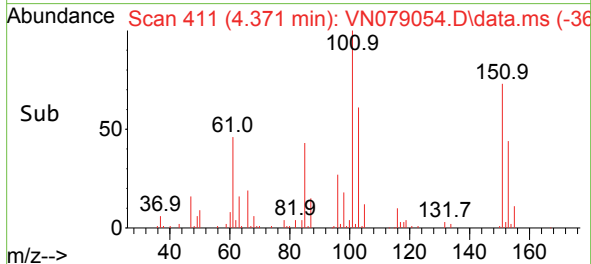
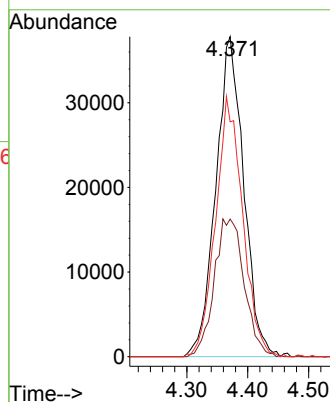
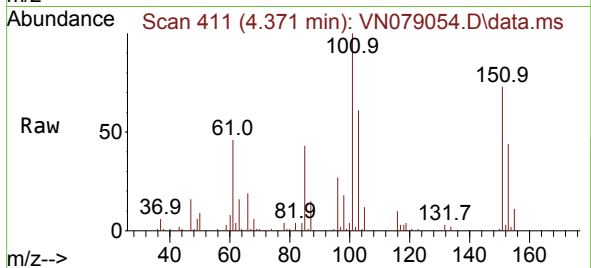




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.682 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

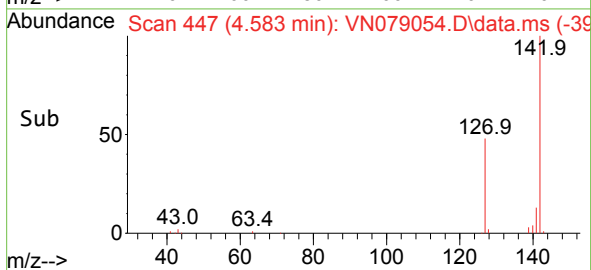
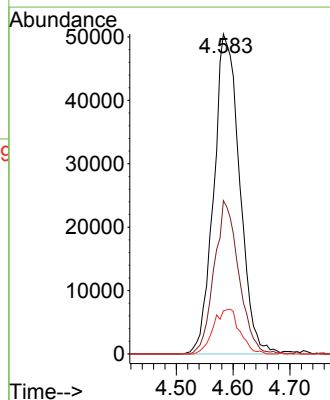
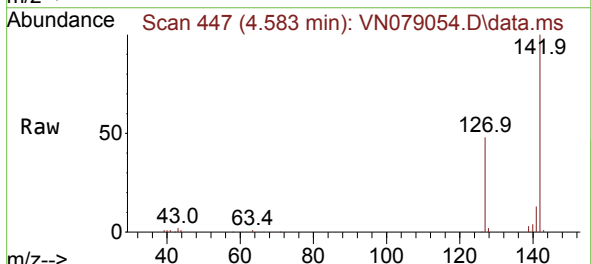
Instrument :
MSVOA_N
ClientSampleId :

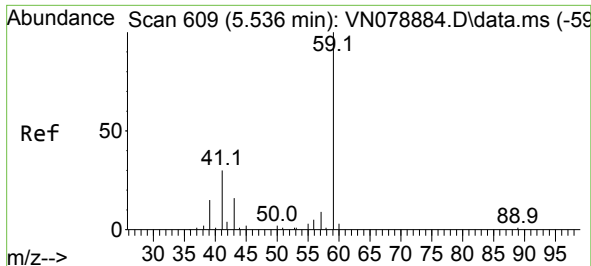
Tgt Ion:101 Resp: 120071
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 79.2 57.6 86.4



#10
Methyl Iodide
Concen: 58.924 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

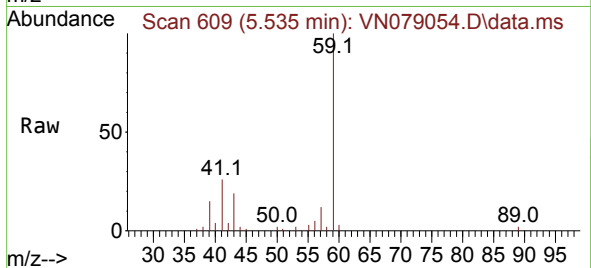
Tgt Ion:142 Resp: 159334
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 13.5 11.4 17.0



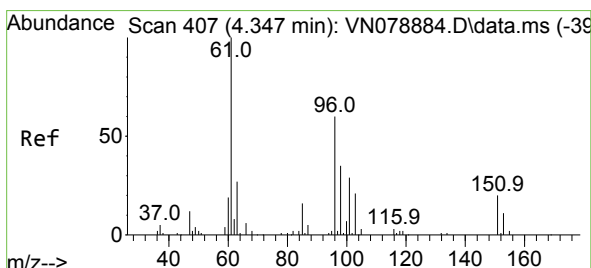
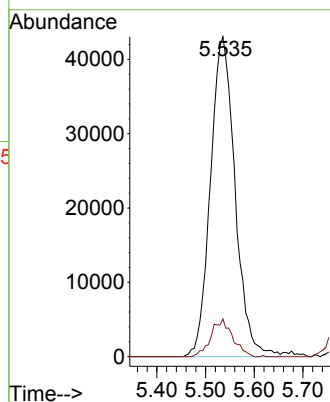
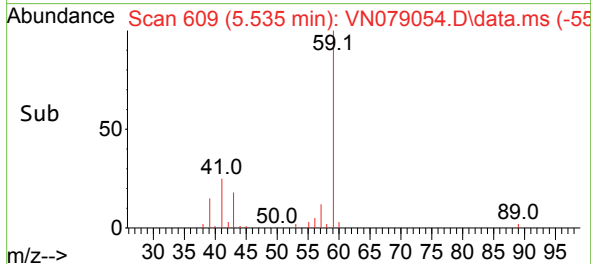


#11
Tert butyl alcohol
Concen: 263.510 ug/l
RT: 5.535 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

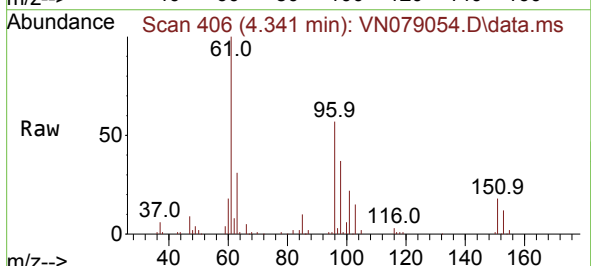
Instrument :
MSVOA_N
ClientSampleId :



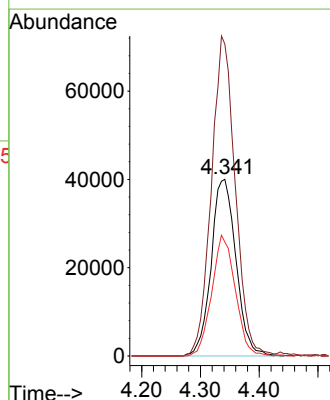
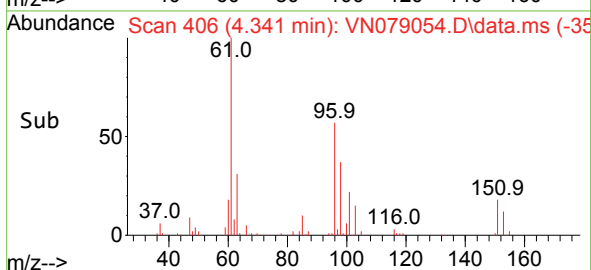
Tgt Ion: 59 Resp: 150883
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

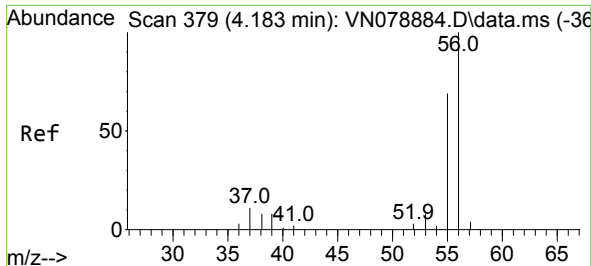


#12
1,1-Dichloroethene
Concen: 49.866 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56



Tgt Ion: 96 Resp: 117396
Ion Ratio Lower Upper
96 100
61 176.6 112.7 169.1#
98 64.5 51.2 76.8

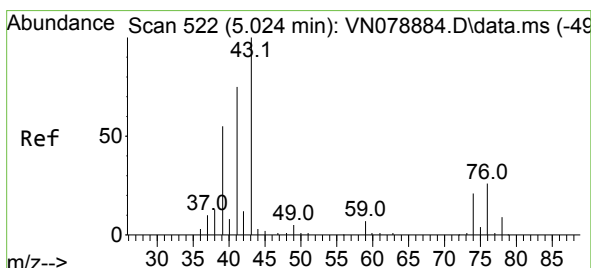
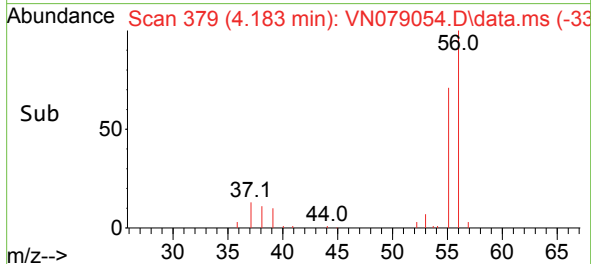
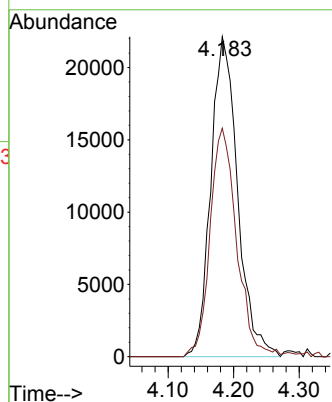
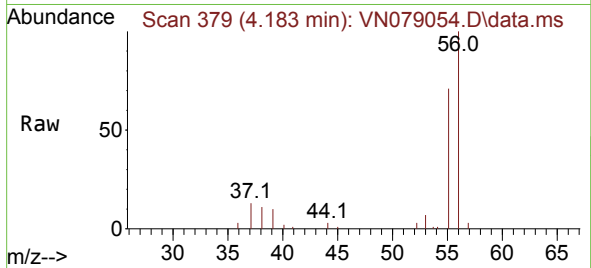




#13
Acrolein
Concen: 192.531 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

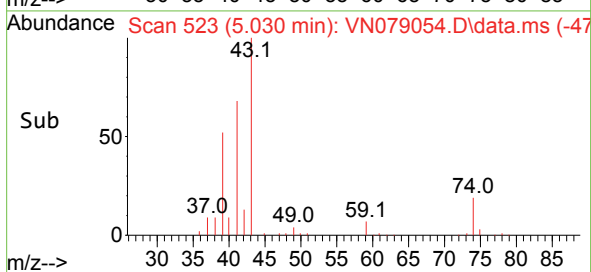
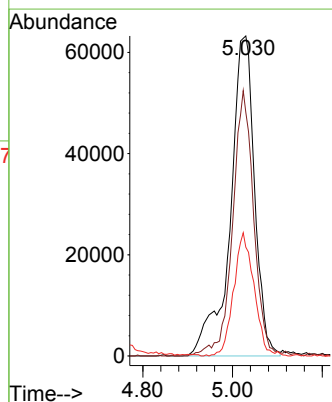
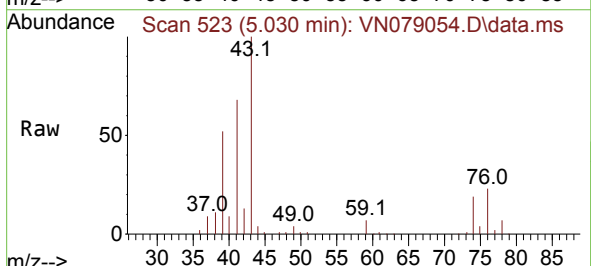
Instrument :
MSVOA_N
ClientSampleId :

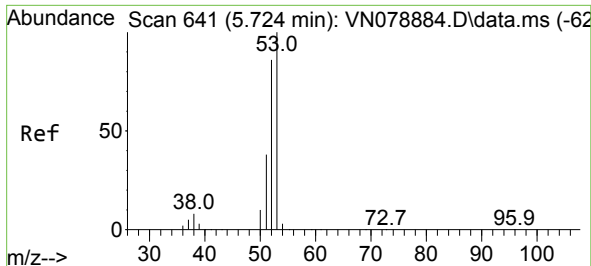
Tgt Ion: 56 Resp: 62663
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7



#14
Allyl chloride
Concen: 51.058 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

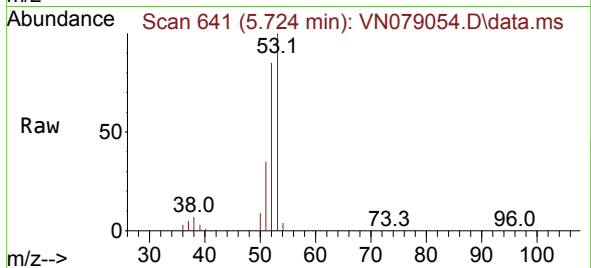
Tgt Ion: 41 Resp: 239235
Ion Ratio Lower Upper
41 100
39 71.5 58.8 88.2
76 32.2 39.1 58.7#



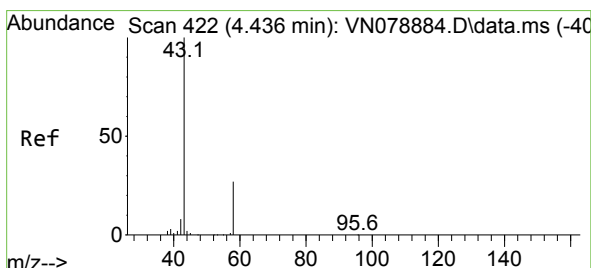
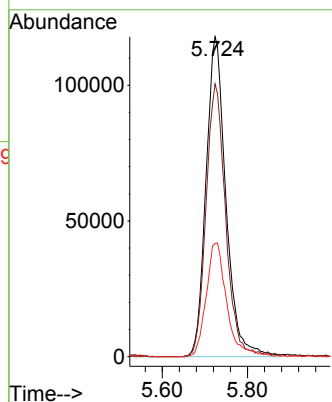
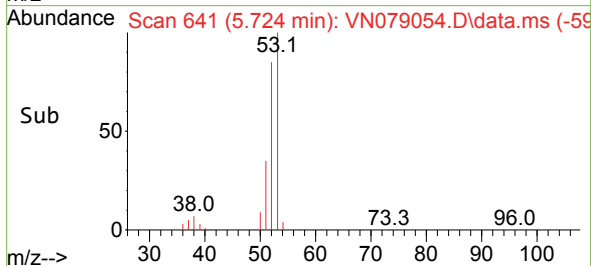


#15
Acrylonitrile
Concen: 246.617 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :

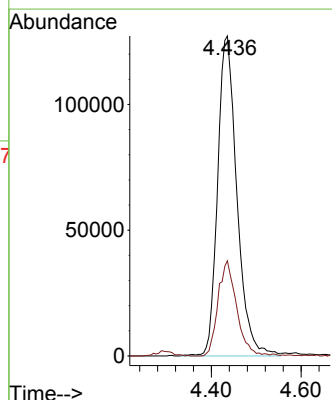
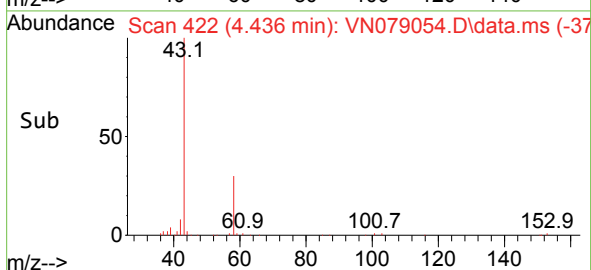
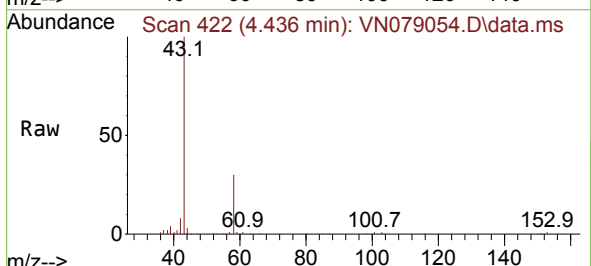


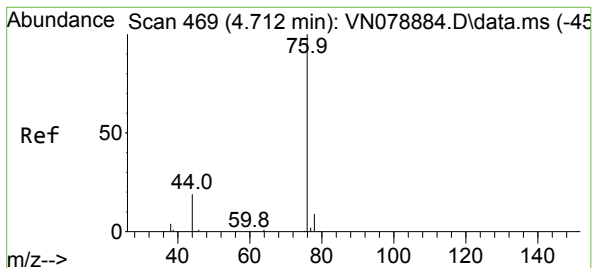
Tgt Ion: 53 Resp: 382547
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 270.010 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 43 Resp: 380164
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0





#17

Carbon Disulfide

Concen: 43.751 ug/l

RT: 4.712 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

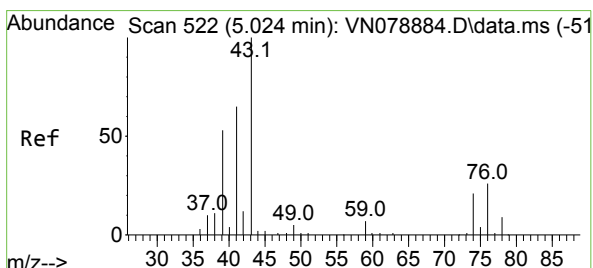
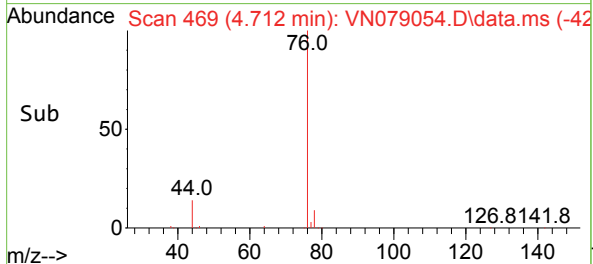
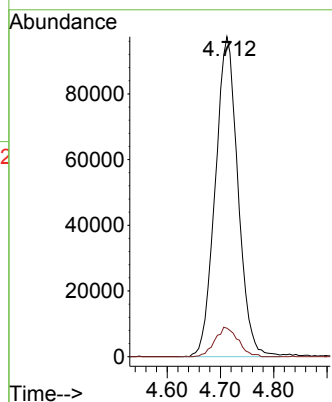
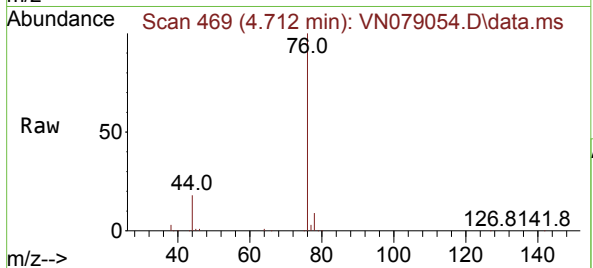
ClientSampleId :

Tgt Ion: 76 Resp: 288316

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 49.463 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.012 min

Lab File: VN079054.D

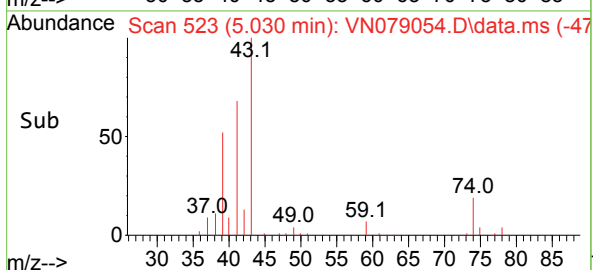
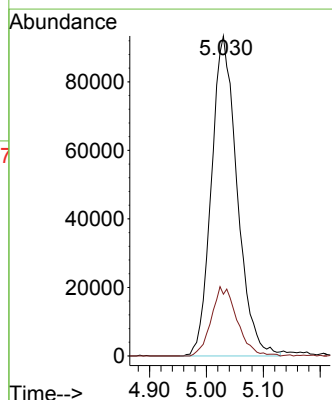
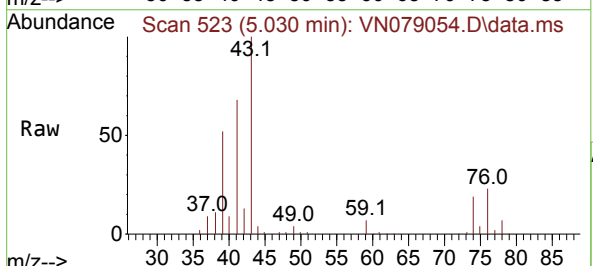
Acq: 25 Aug 2023 16:56

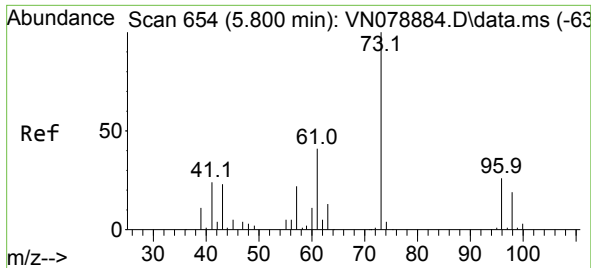
Tgt Ion: 43 Resp: 294201

Ion Ratio Lower Upper

43 100

74 21.6 26.2 39.4#

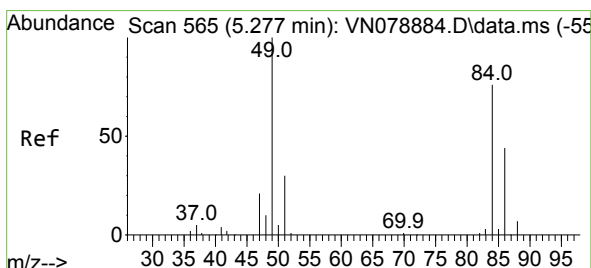
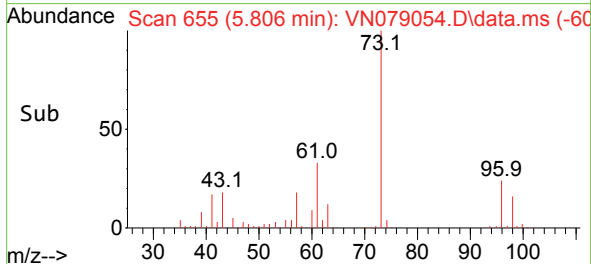
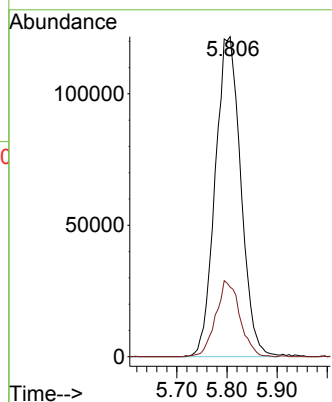
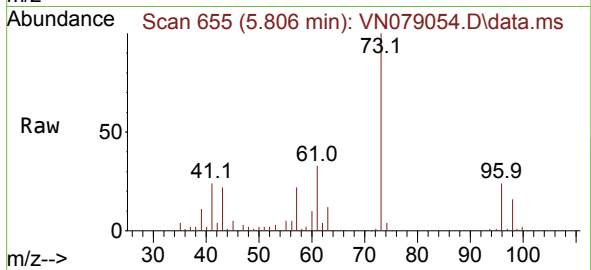




#19
Methyl tert-butyl Ether
Concen: 50.918 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

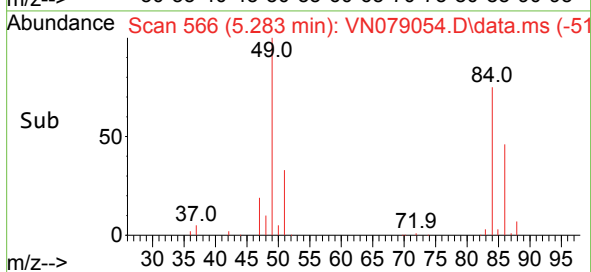
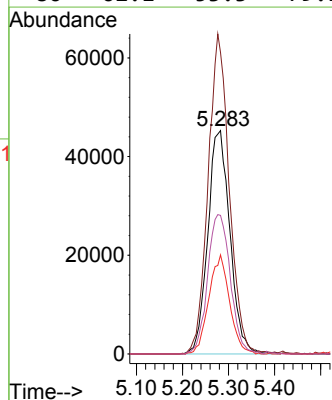
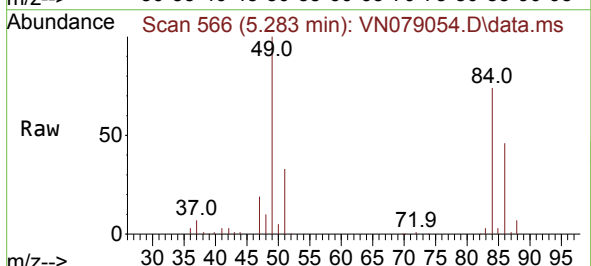
Instrument :
MSVOA_N
ClientSampleId :

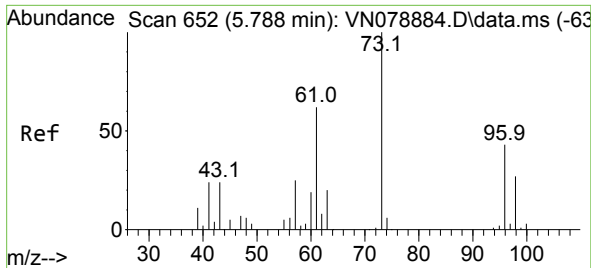
Tgt Ion: 73 Resp: 431805
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4



#20
Methylene Chloride
Concen: 50.568 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 84 Resp: 151727
Ion Ratio Lower Upper
84 100
49 134.9 79.7 119.5#
51 44.3 25.2 37.8#
86 62.1 53.3 79.9

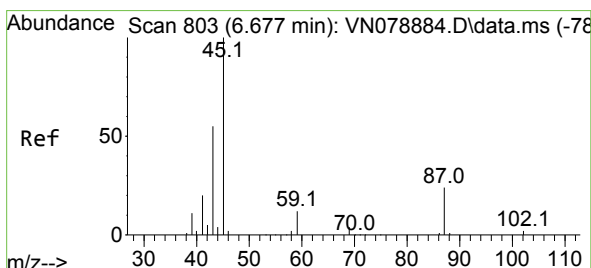
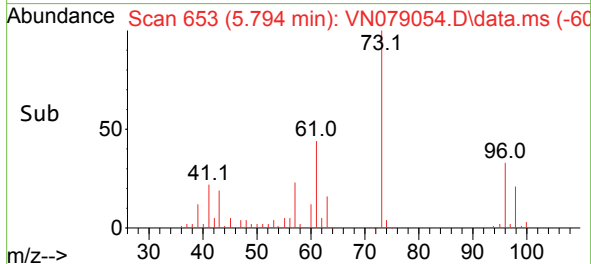
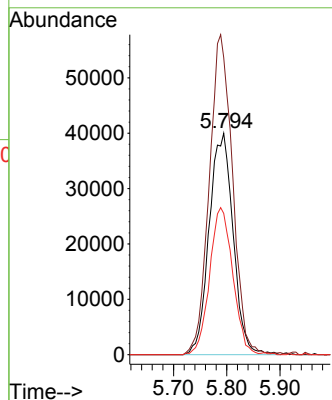
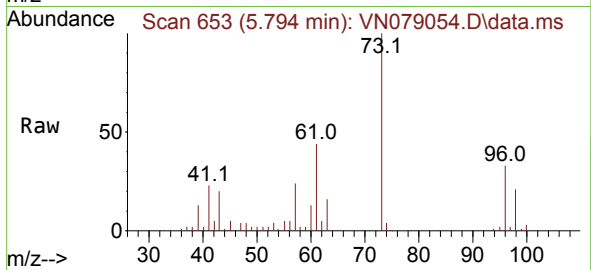




#21
trans-1,2-Dichloroethene
Concen: 47.390 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

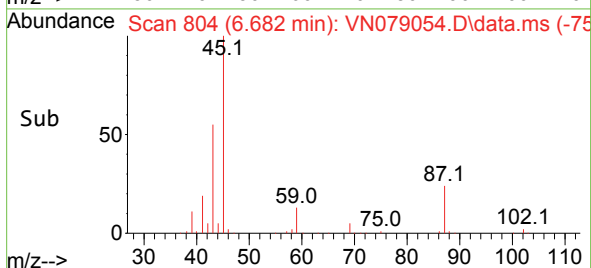
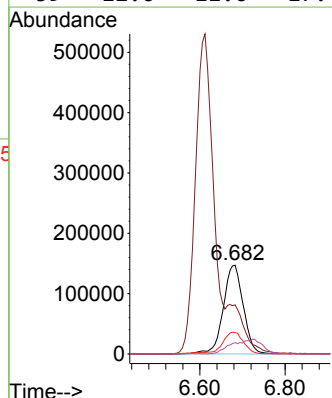
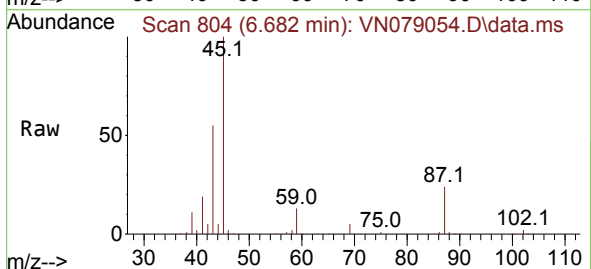
Instrument :
MSVOA_N
ClientSampleId :

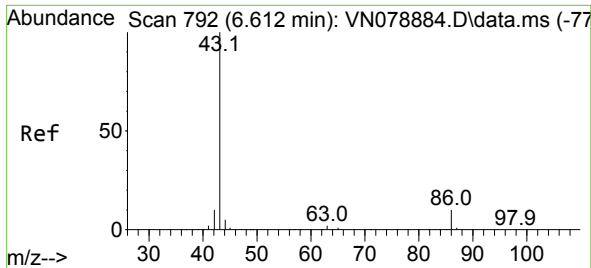
Tgt Ion: 96 Resp: 125107
Ion Ratio Lower Upper
96 100
61 134.1 90.1 135.1
98 63.8 46.4 69.6



#22
Diisopropyl ether
Concen: 48.346 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.007 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 45 Resp: 479227
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 23.9 31.8 47.8#
59 12.6 11.6 17.4

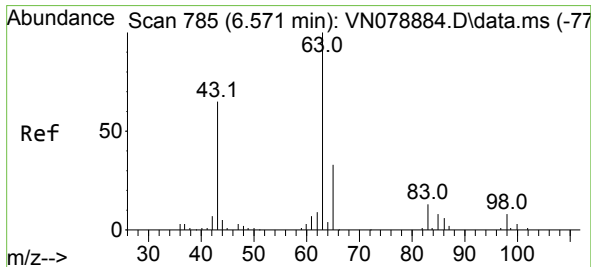
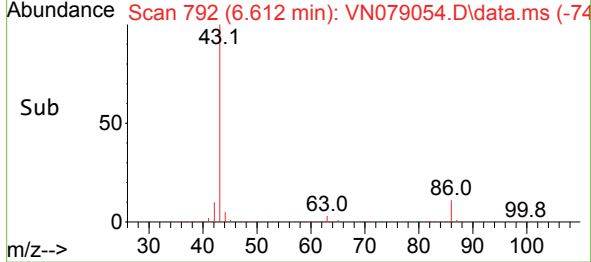
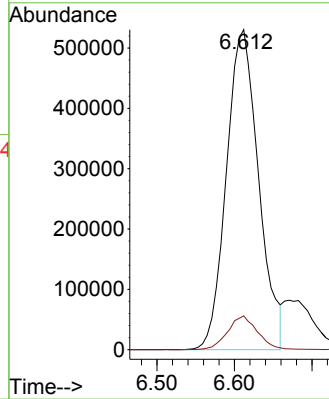
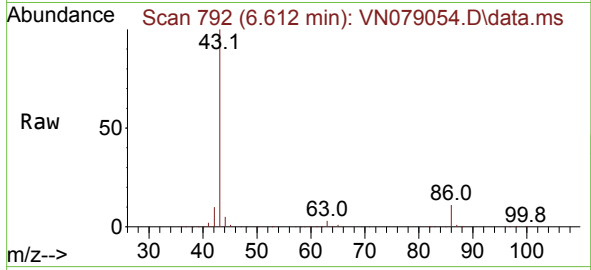




#23
 Vinyl Acetate
 Concen: 235.468 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

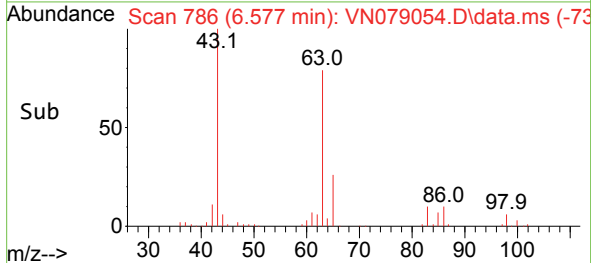
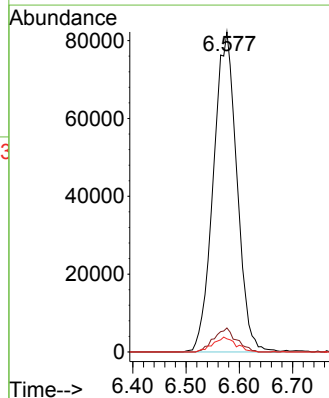
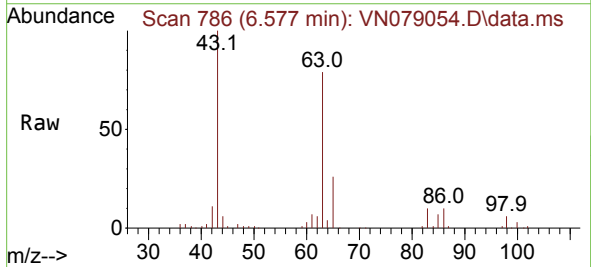
Instrument :
 MSVOA_N
 ClientSampleId :

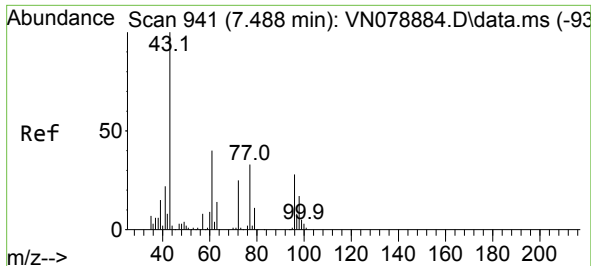
Tgt Ion: 43 Resp: 1536837
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.488 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

Tgt Ion: 63 Resp: 251738
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.1 2.5 7.4

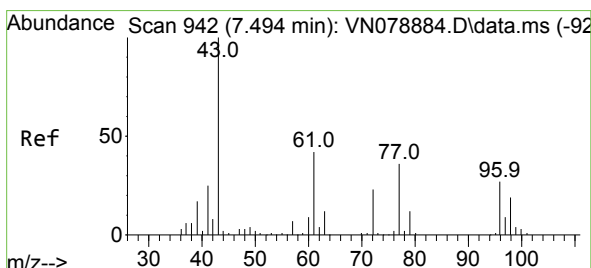
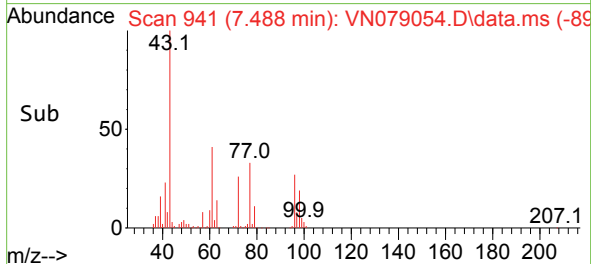
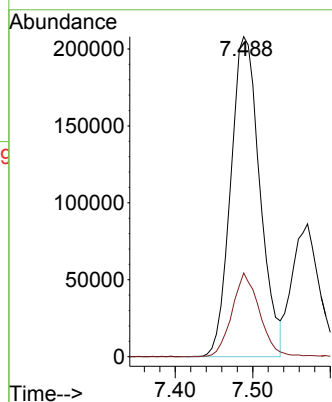
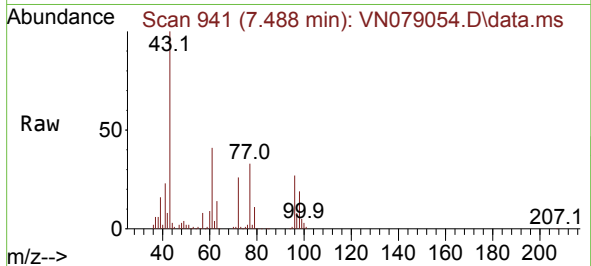




#25
2-Butanone
Concen: 241.447 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

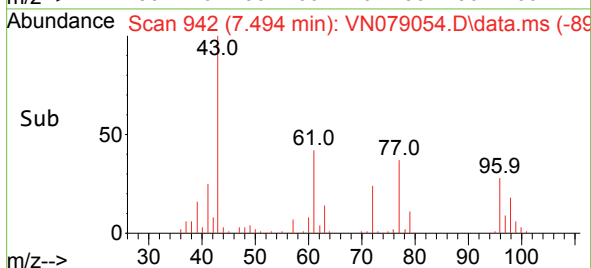
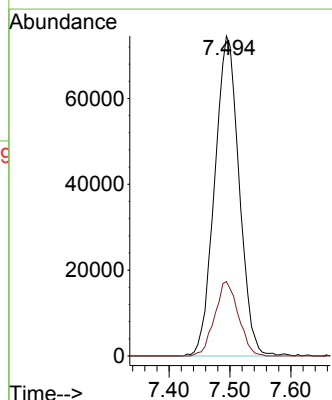
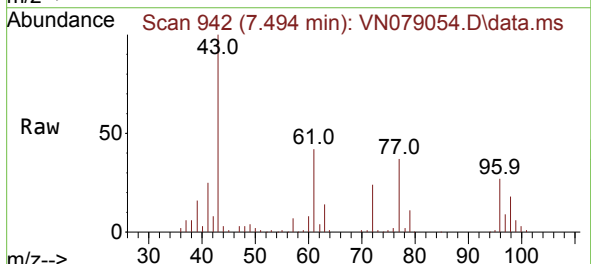
Instrument :
MSVOA_N
ClientSampleId :

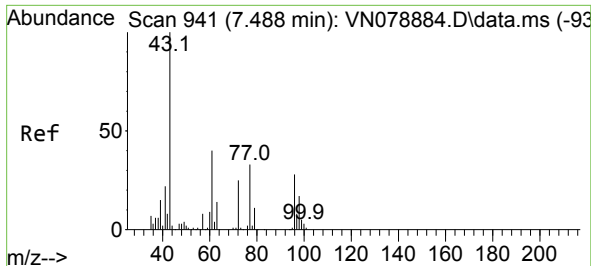
Tgt Ion: 43 Resp: 545029
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 47.557 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

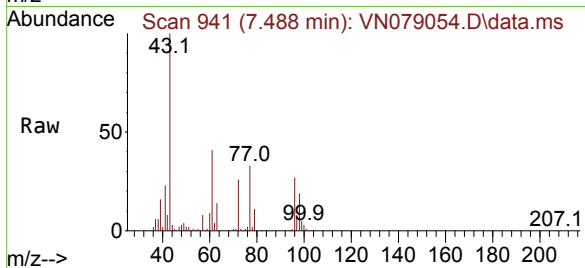
Tgt Ion: 77 Resp: 208162
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6



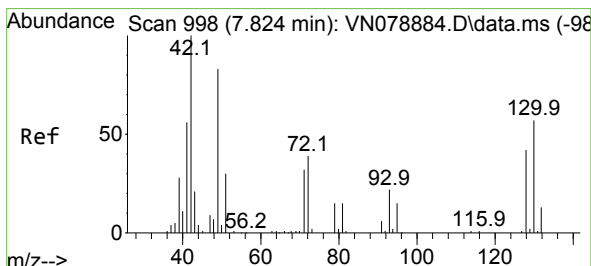
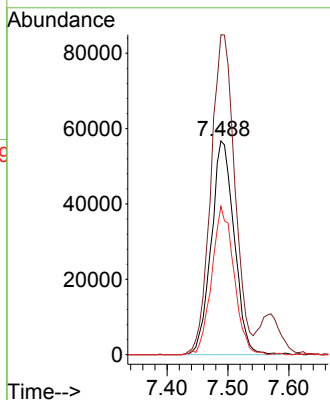
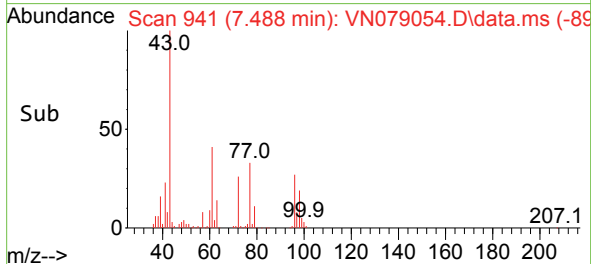


#27
 cis-1,2-Dichloroethene
 Concen: 46.380 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

Instrument :
 MSVOA_N
 ClientSampleId :

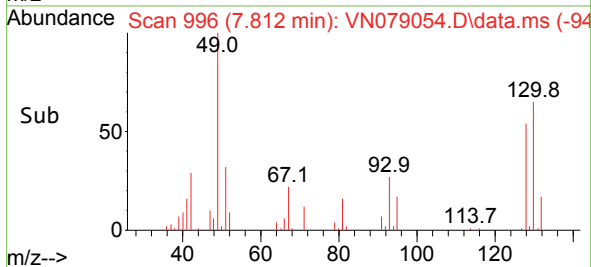
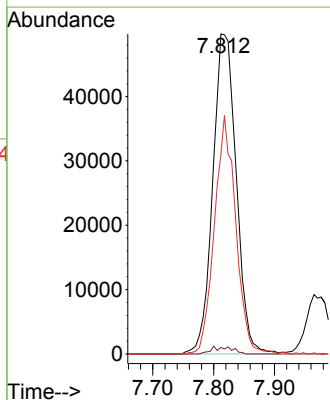
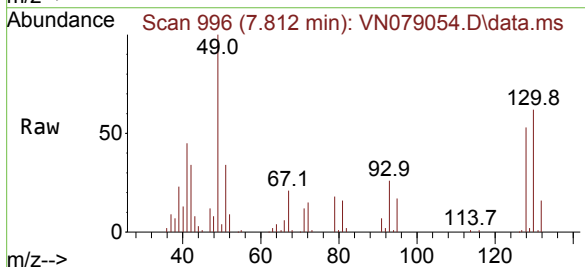


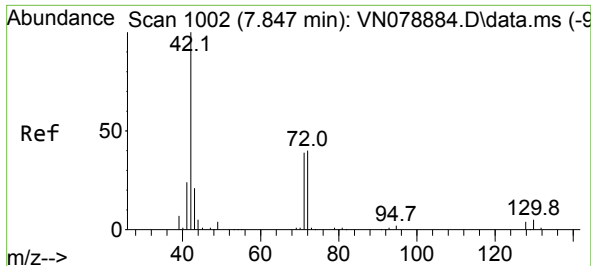
Tgt Ion: 96 Resp: 148818
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 255.2
 98 67.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 46.374 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

Tgt Ion: 49 Resp: 133211
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 67.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 238.820 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

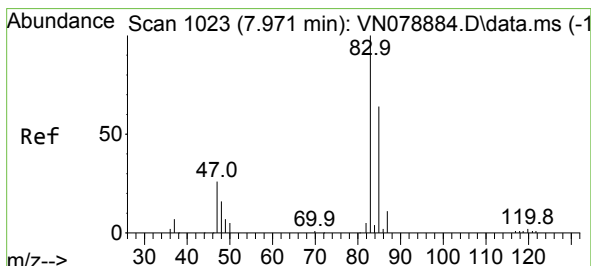
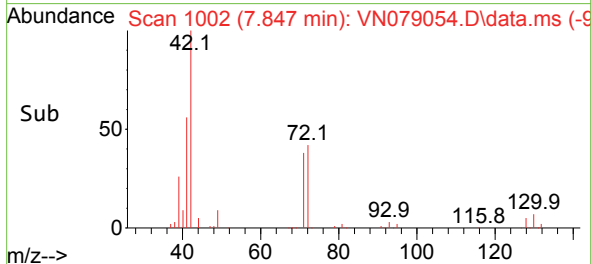
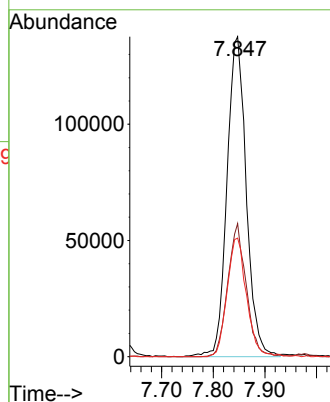
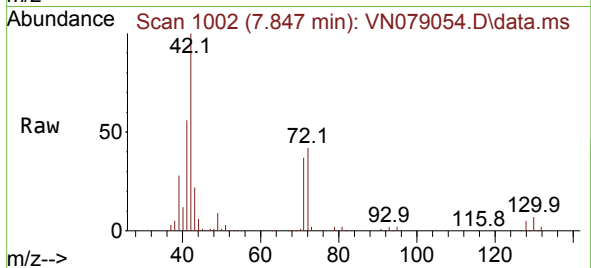
Tgt Ion: 42 Resp: 356828

Ion Ratio Lower Upper

42 100

72 39.9 49.8 74.6#

71 37.4 47.4 71.2#



#30

Chloroform

Concen: 48.255 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079054.D

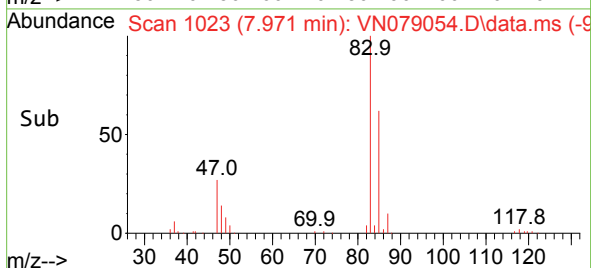
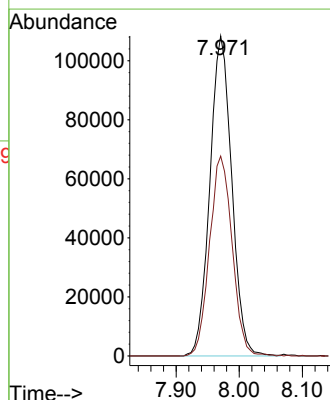
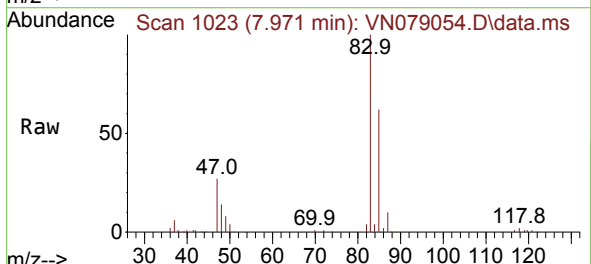
Acq: 25 Aug 2023 16:56

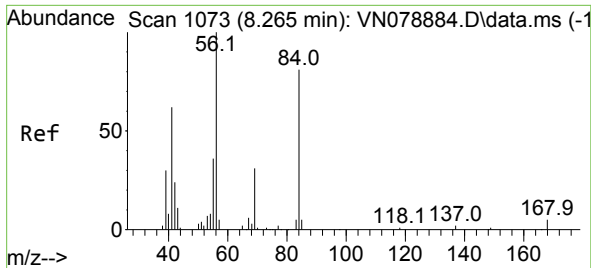
Tgt Ion: 83 Resp: 261057

Ion Ratio Lower Upper

83 100

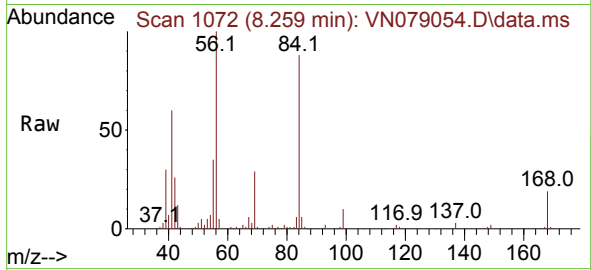
85 62.4 55.4 83.0



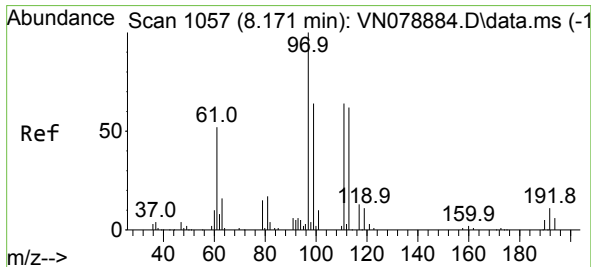
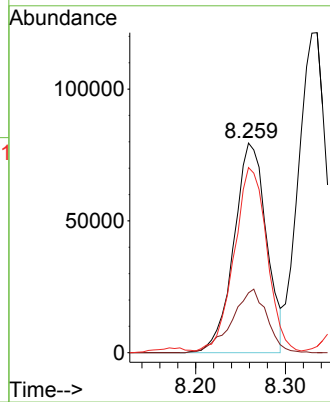
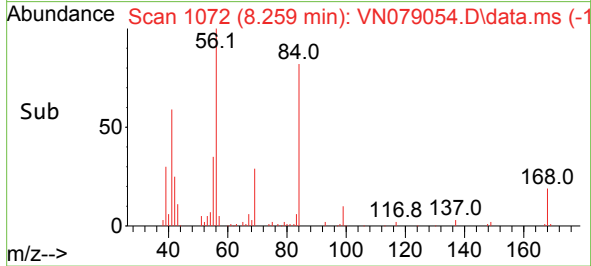


#31
Cyclohexane
Concen: 47.027 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :

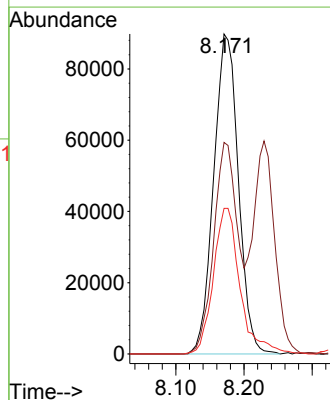
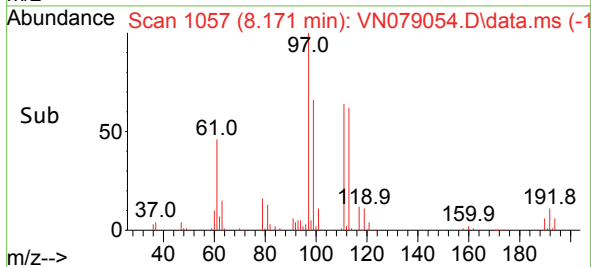
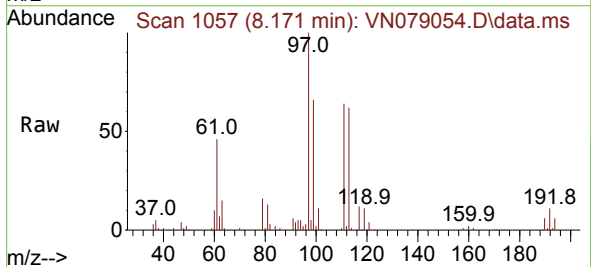


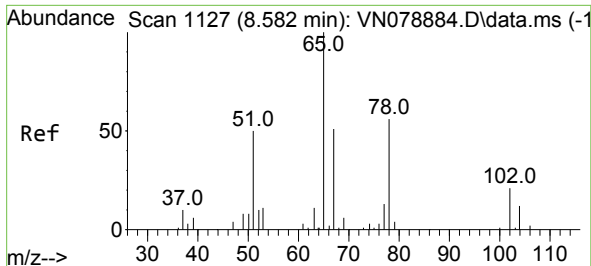
Tgt Ion: 56 Resp: 200790
Ion Ratio Lower Upper
56 100
69 28.6 26.8 40.2
84 86.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 49.044 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 97 Resp: 226238
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 49.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.732 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

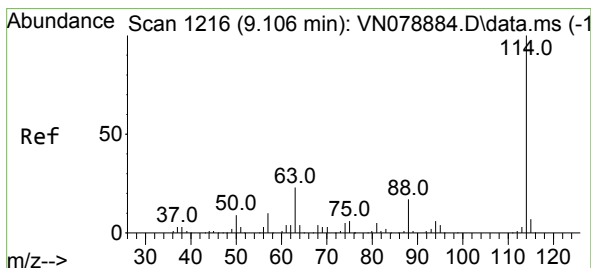
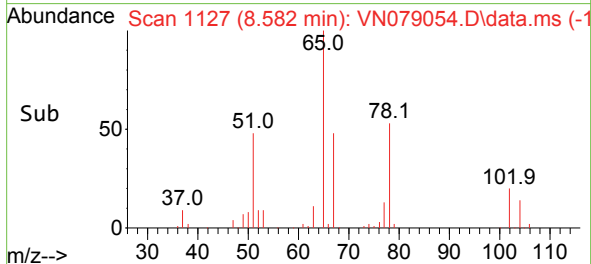
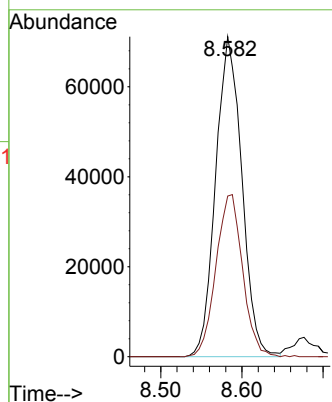
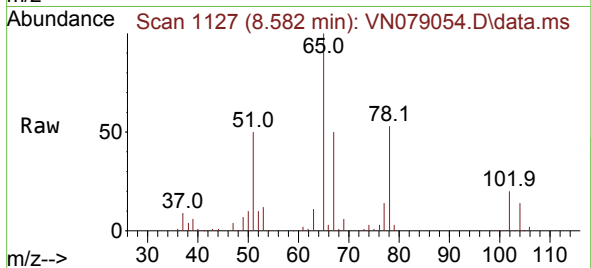
ClientSampleId :

Tgt Ion: 65 Resp: 159462

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

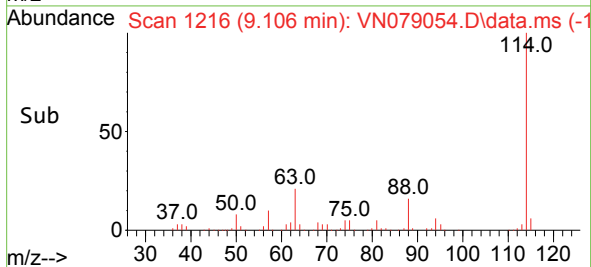
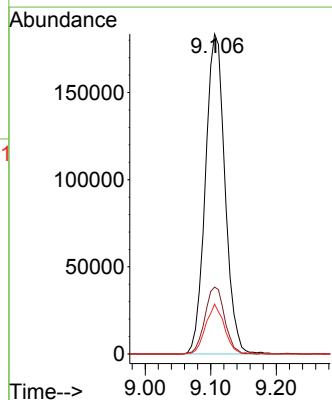
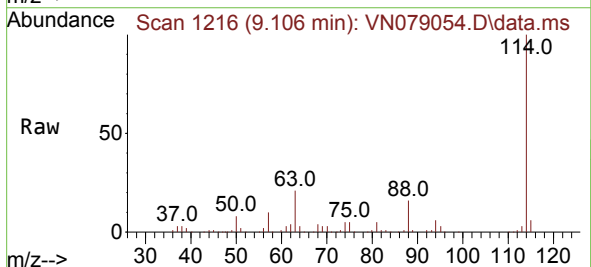
Tgt Ion: 114 Resp: 381310

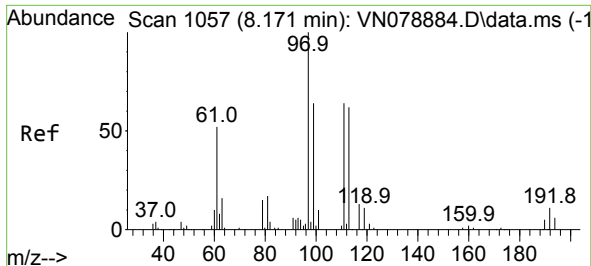
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.264 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

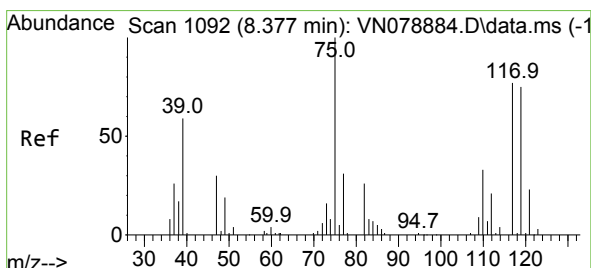
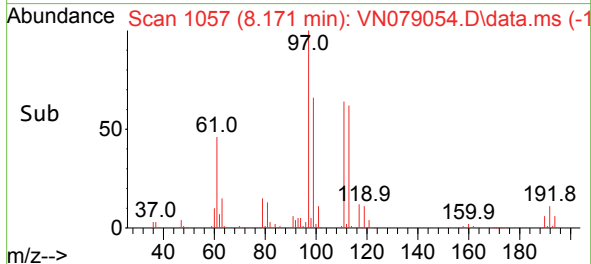
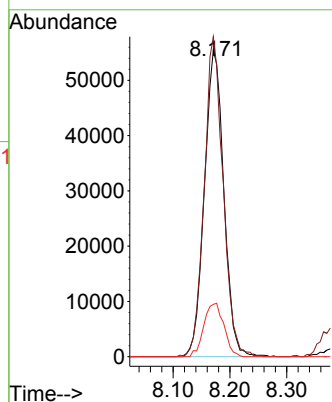
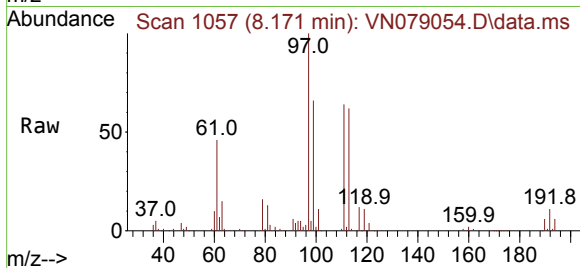
Tgt Ion:113 Resp: 131583

Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 18.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 49.307 ug/l

RT: 8.376 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

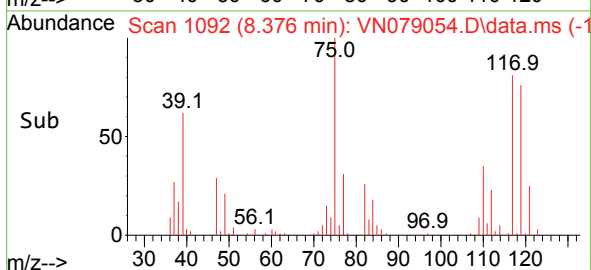
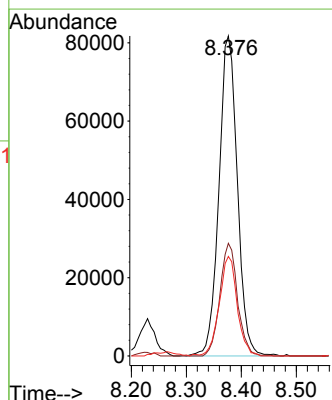
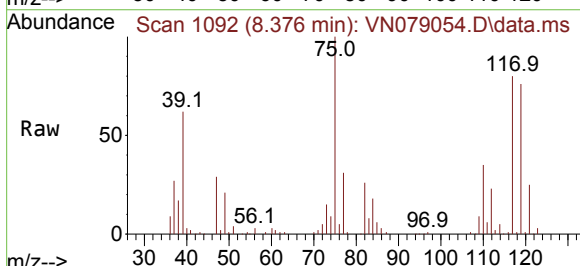
Tgt Ion: 75 Resp: 190378

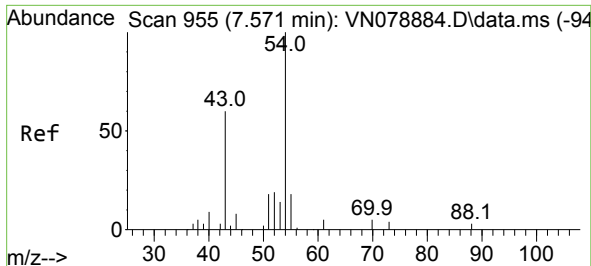
Ion Ratio Lower Upper

75 100

110 33.7 19.1 57.3

77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 50.456 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079054.D

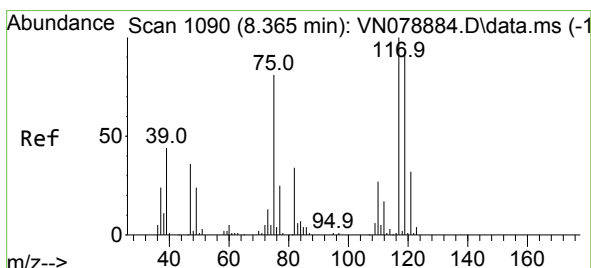
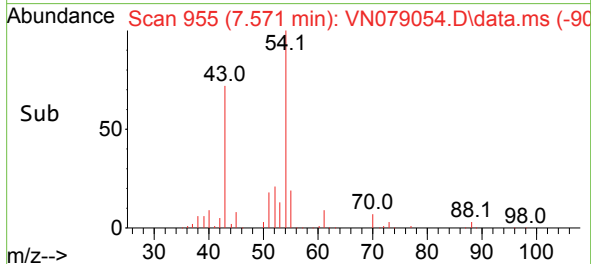
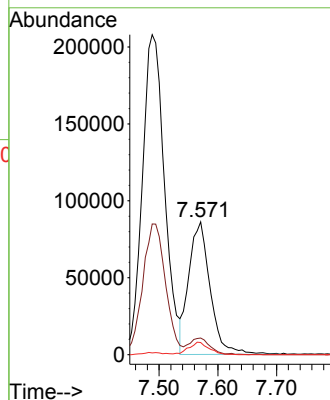
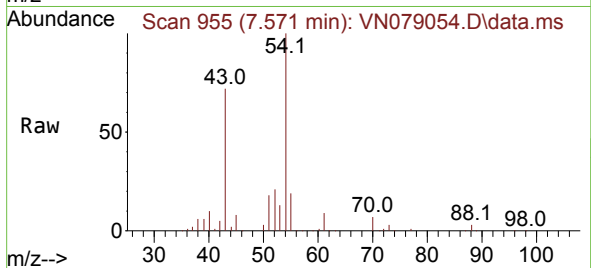
Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	217970
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.2	19.8#
70	8.8	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 50.569 ug/l

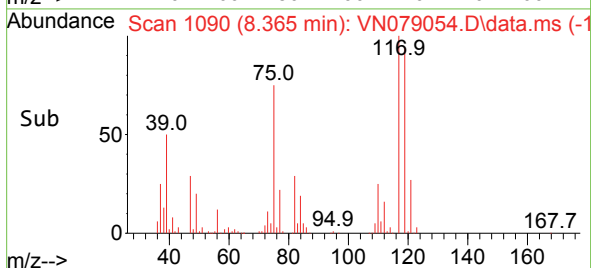
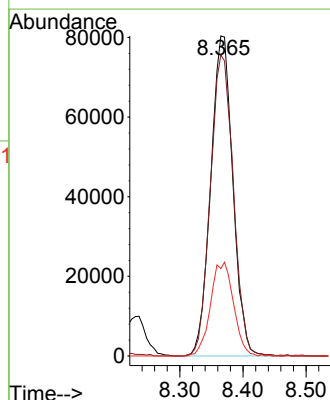
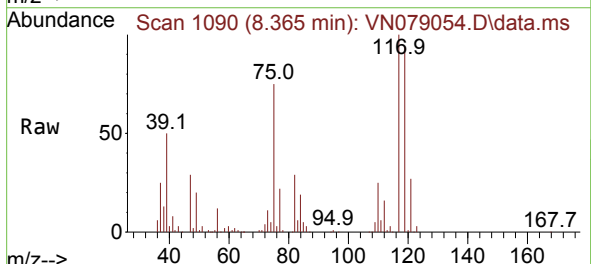
RT: 8.365 min Scan# 1090

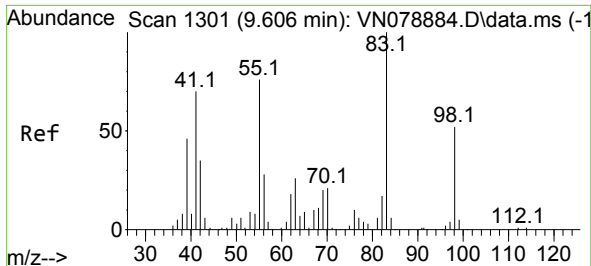
Delta R.T. -0.006 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Tgt Ion:	117	Resp:	195639
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.3	115.9
121	27.3	23.3	34.9





#39

Methylcyclohexane

Concen: 52.736 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

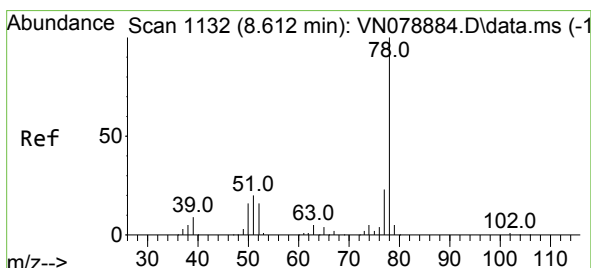
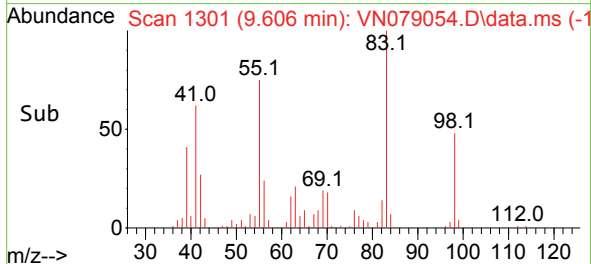
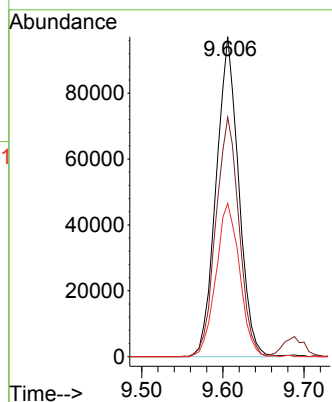
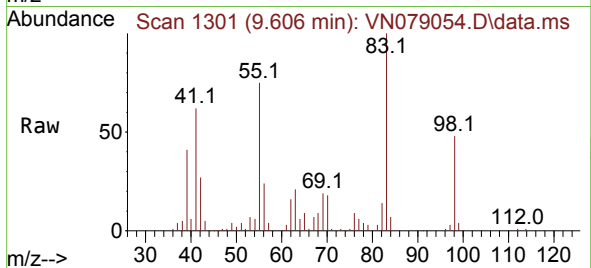
Tgt Ion: 83 Resp: 187267

Ion Ratio Lower Upper

83 100

55 74.9 49.1 73.7#

98 47.9 40.6 61.0



#40

Benzene

Concen: 48.853 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079054.D

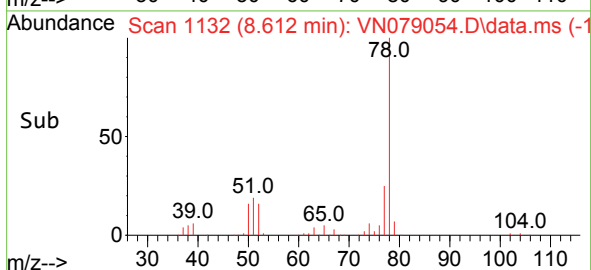
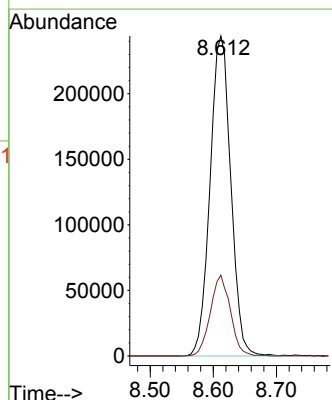
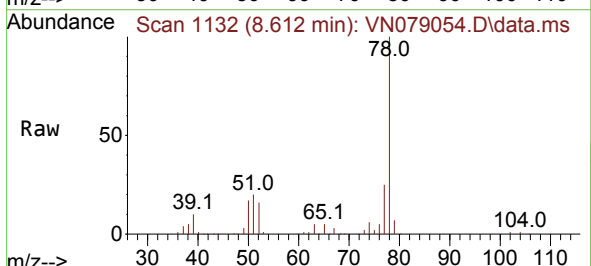
Acq: 25 Aug 2023 16:56

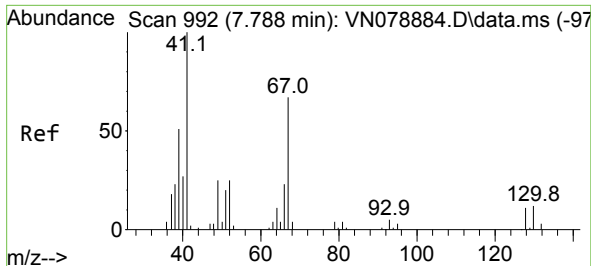
Tgt Ion: 78 Resp: 557535

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6

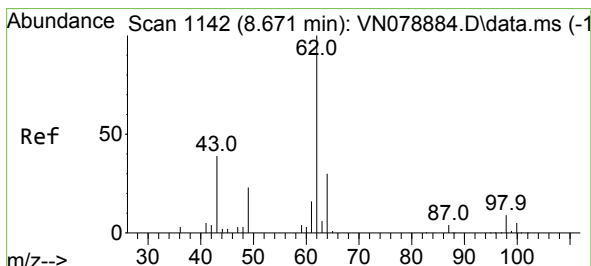
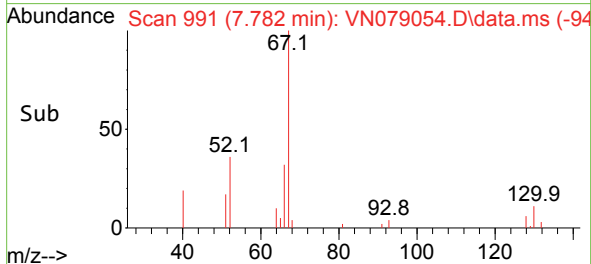
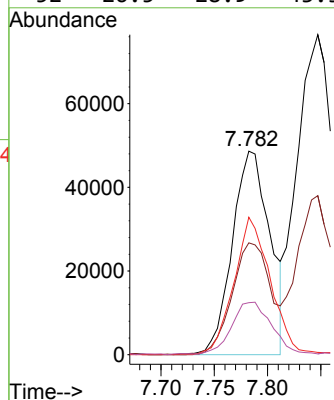
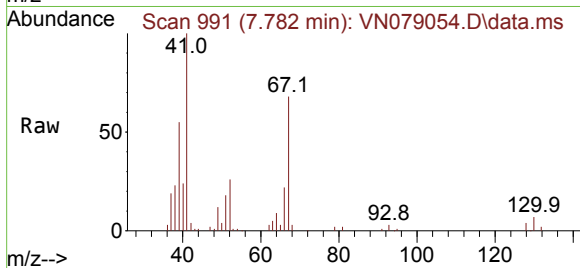




#41
Methacrylonitrile
Concen: 50.798 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

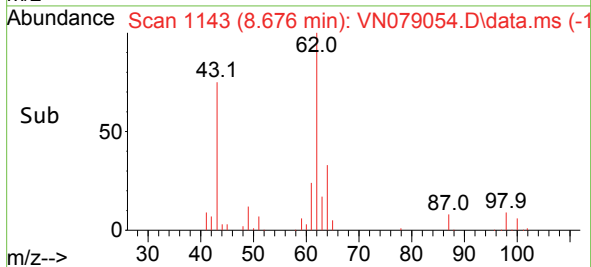
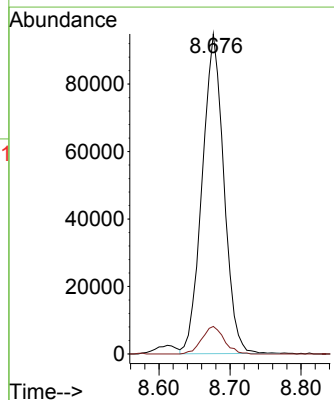
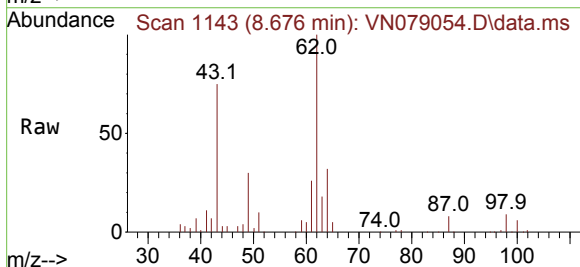
Instrument :
MSVOA_N
ClientSampleId :

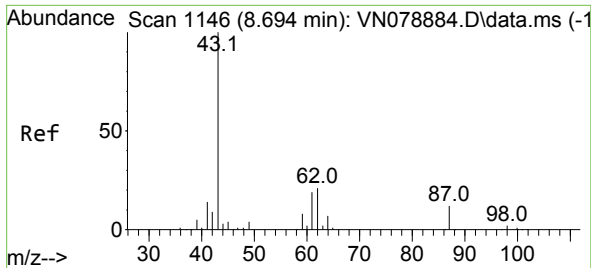
Tgt Ion:	41	Resp:	119518
Ion	Ratio	Lower	Upper
41	100		
39	56.4	42.6	64.0
67	65.8	77.5	116.3#
52	26.5	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 47.260 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion:	62	Resp:	201503
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

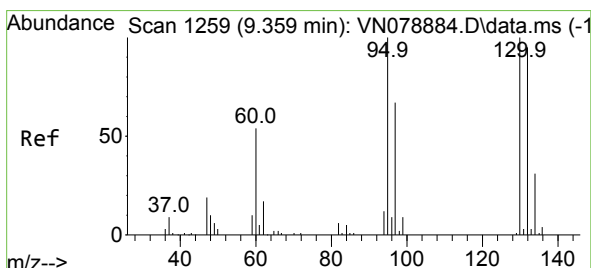
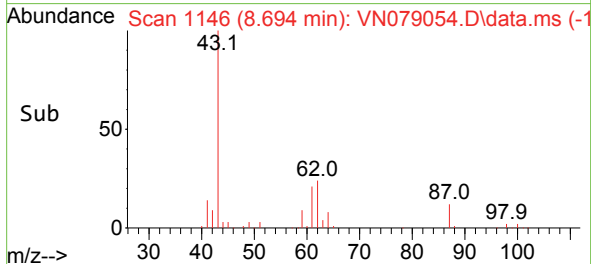
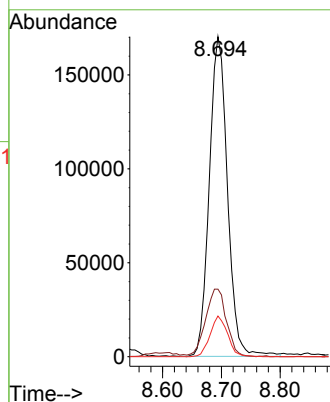
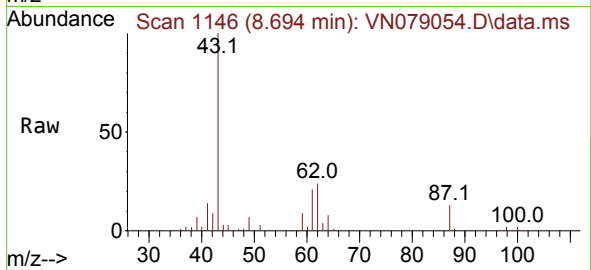




#43
Isopropyl Acetate
Concen: 47.844 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

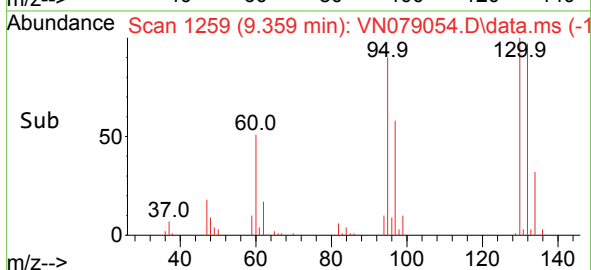
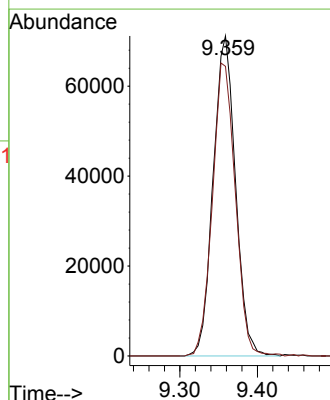
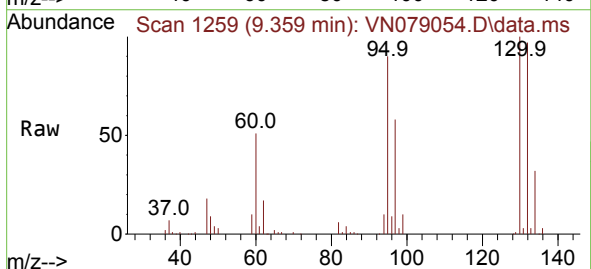
Instrument :
MSVOA_N
ClientSampleId :

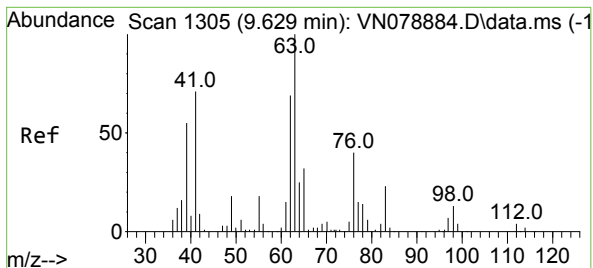
Tgt Ion: 43 Resp: 365318
Ion Ratio Lower Upper
43 100
61 24.3 24.7 37.1#
87 12.2 14.6 21.8#



#44
Trichloroethene
Concen: 52.515 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion:130 Resp: 142405
Ion Ratio Lower Upper
130 100
95 90.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.651 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

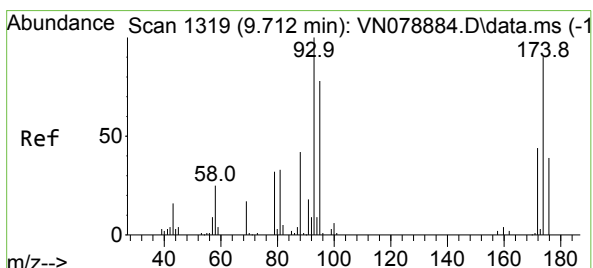
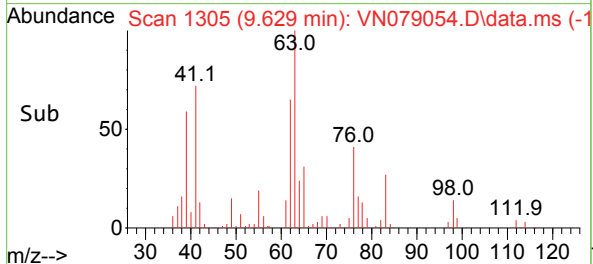
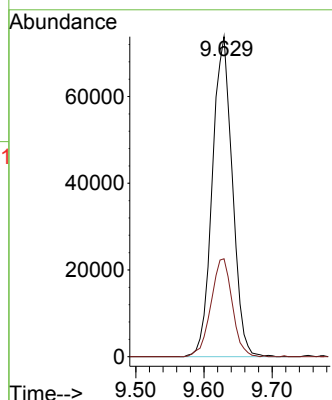
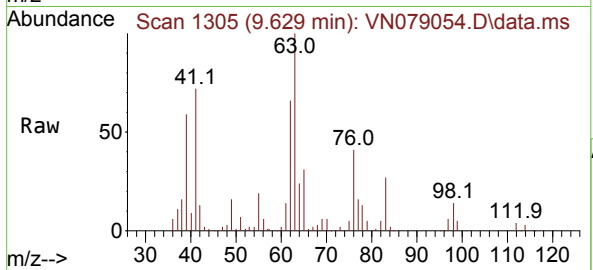
ClientSampleId :

Tgt Ion: 63 Resp: 150866

Ion Ratio Lower Upper

63 100

65 30.6 23.9 35.9



#46

Dibromomethane

Concen: 48.888 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

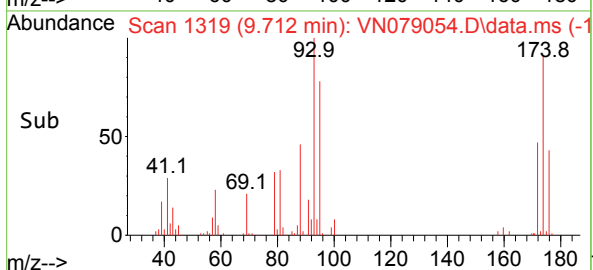
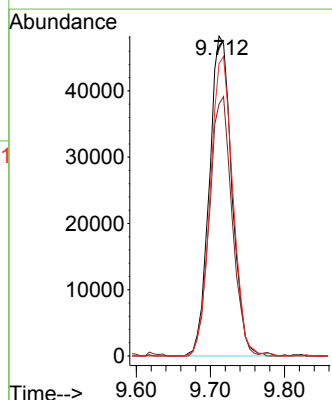
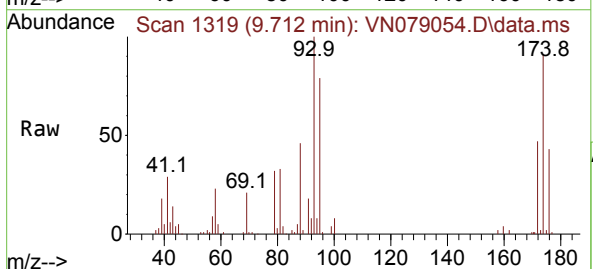
Tgt Ion: 93 Resp: 101888

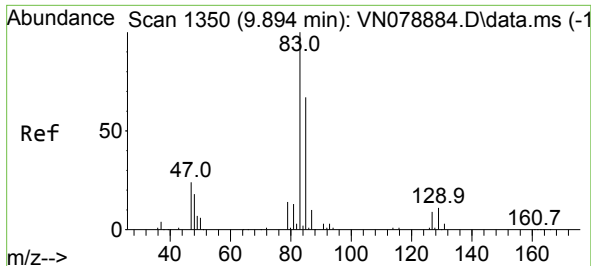
Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

174 93.9 65.6 98.4

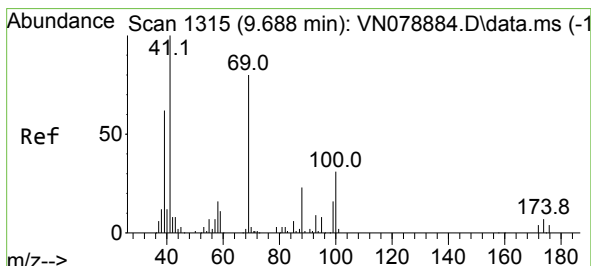
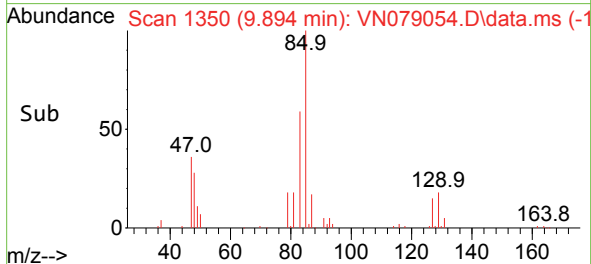
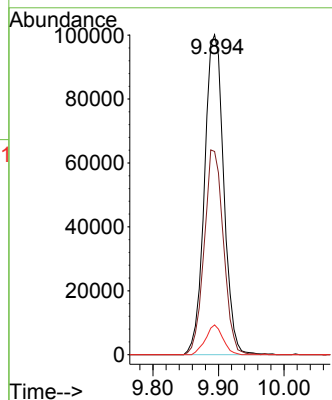
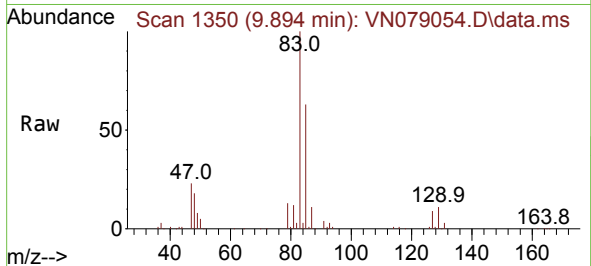




#47
Bromodichloromethane
Concen: 49.613 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

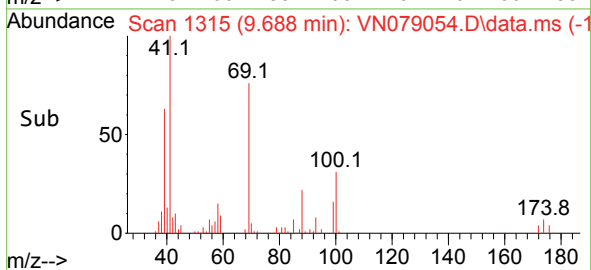
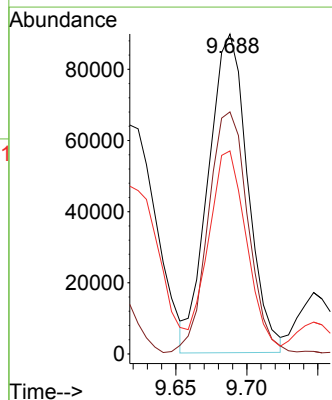
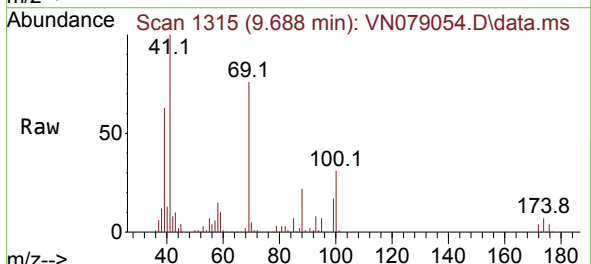
Instrument :
MSVOA_N
ClientSampleId :

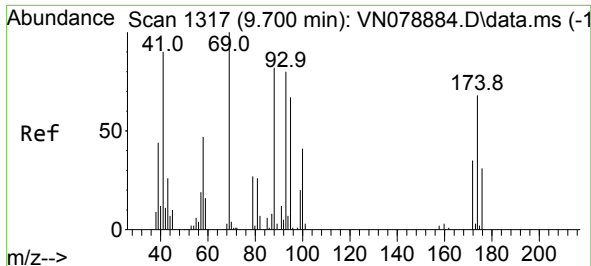
Tgt Ion: 83 Resp: 204174
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 50.111 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 41 Resp: 173388
Ion Ratio Lower Upper
41 100
69 77.7 90.4 135.6#
39 61.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1045.369 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

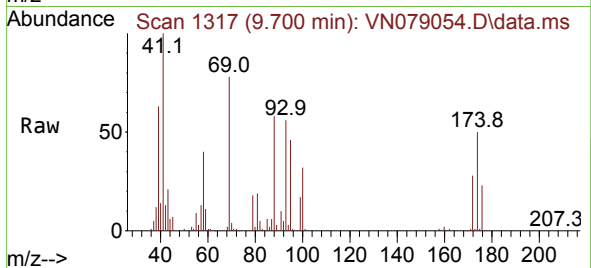
Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :



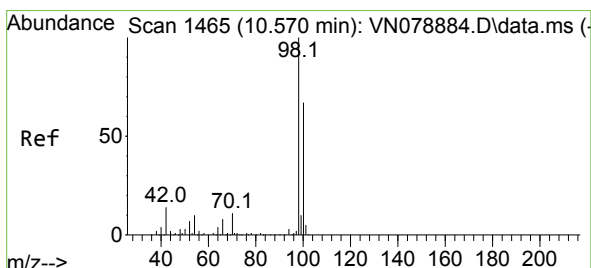
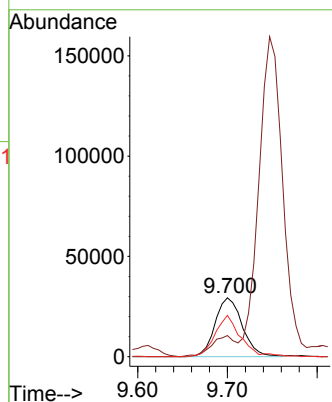
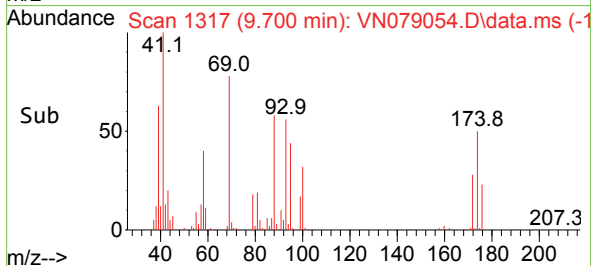
Tgt Ion: 88 Resp: 61609

Ion Ratio Lower Upper

88 100

43 32.0 17.0 25.6#

58 67.1 47.0 70.4



#50

Toluene-d8

Concen: 48.551 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079054.D

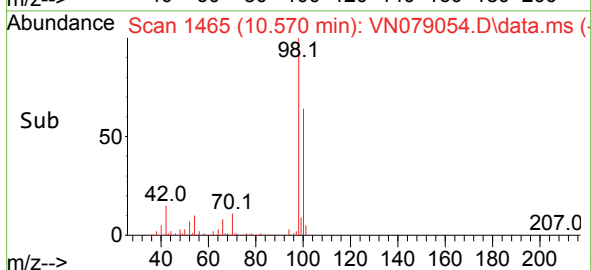
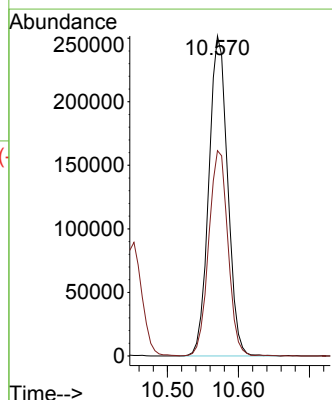
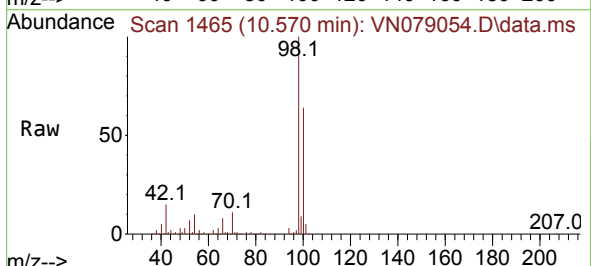
Acq: 25 Aug 2023 16:56

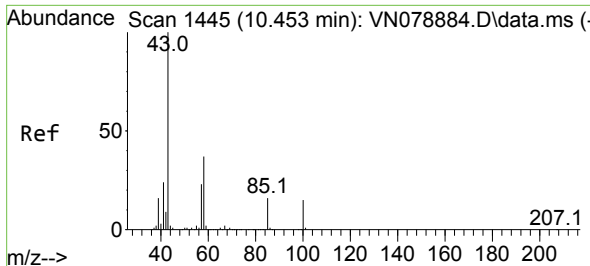
Tgt Ion: 98 Resp: 462724

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

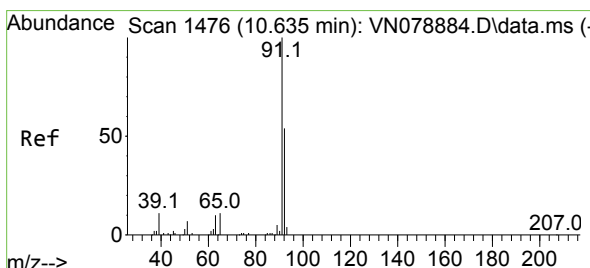
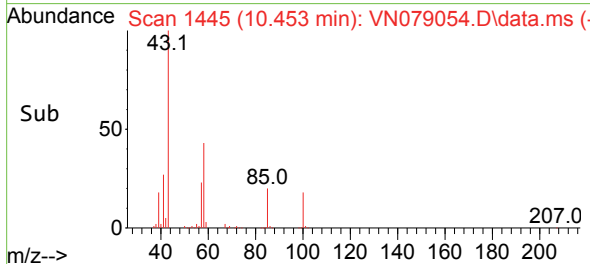
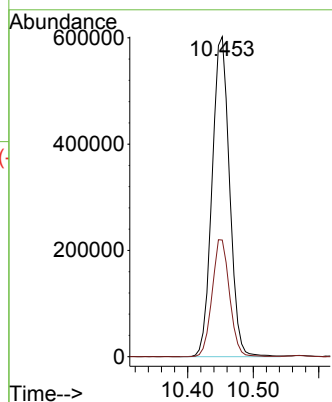
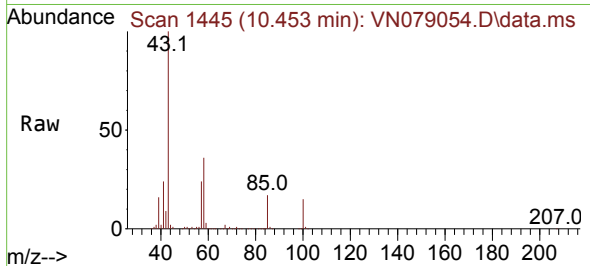




#51
4-Methyl-2-Pentanone
Concen: 245.719 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

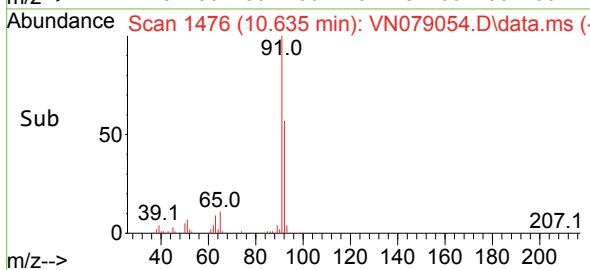
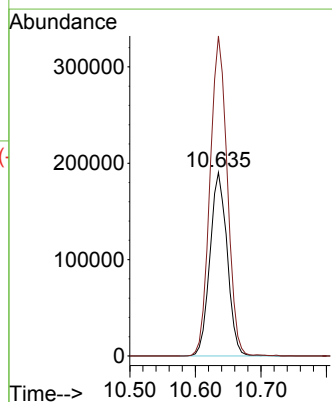
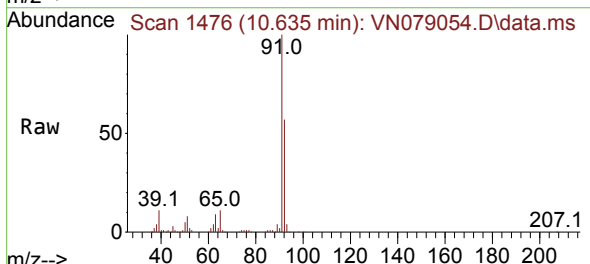
Instrument :
MSVOA_N
ClientSampleId :

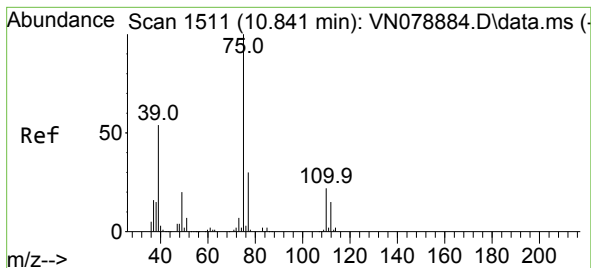
Tgt Ion: 43 Resp: 1112785
Ion Ratio Lower Upper
43 100
58 36.5 36.6 54.8#



#52
Toluene
Concen: 49.492 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 92 Resp: 346783
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0

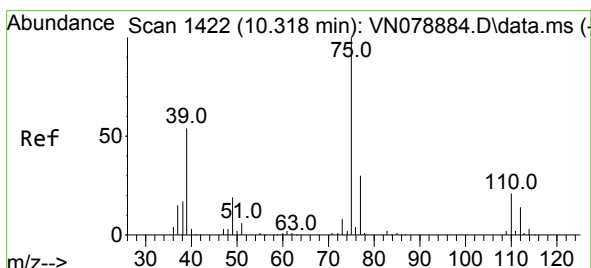
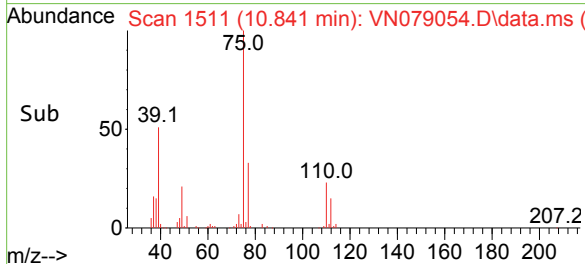
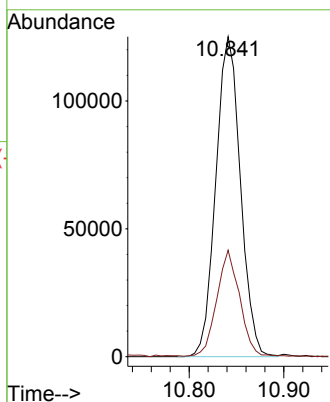
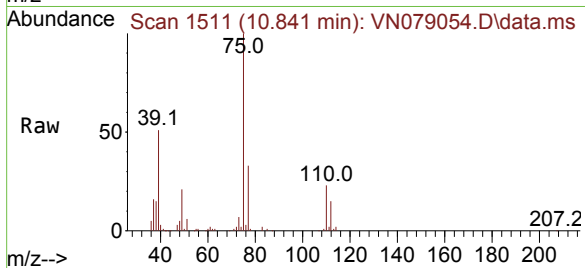




#53
t-1,3-Dichloropropene
Concen: 51.218 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

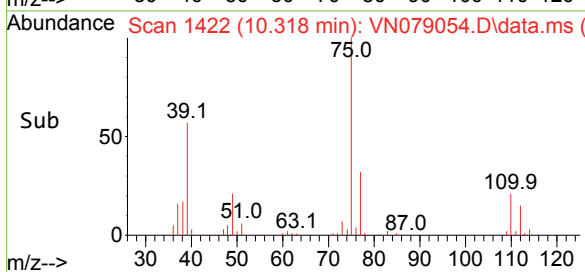
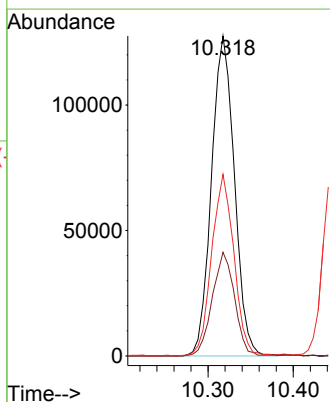
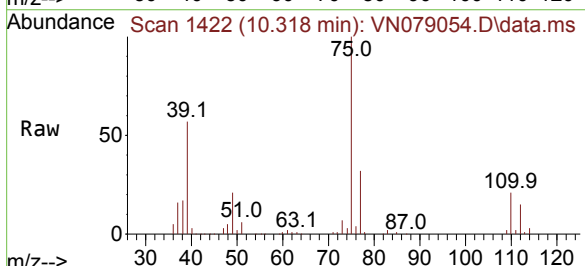
Instrument :
MSVOA_N
ClientSampleId :

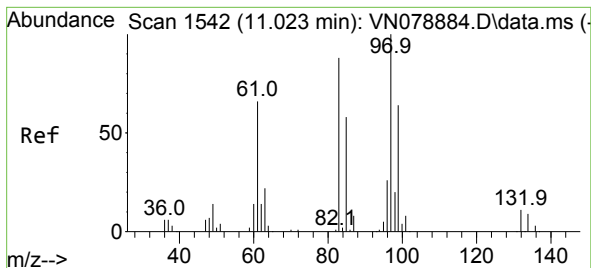
Tgt Ion: 75 Resp: 226042
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.719 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 75 Resp: 238977
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 56.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 50.500 ug/l

RT: 11.023 min Scan# 1

Delta R.T. -0.001 min

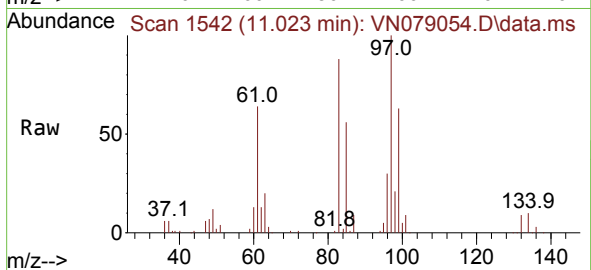
Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 141878

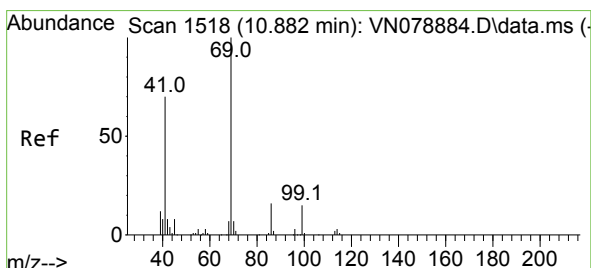
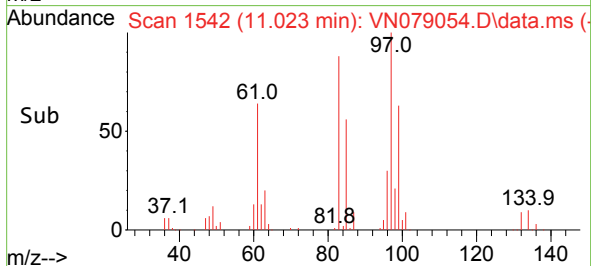
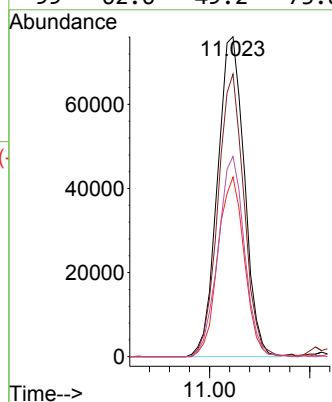
Ion Ratio Lower Upper

97 100

83 88.4 65.1 97.7

85 56.2 43.4 65.2

99 62.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.508 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.005 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

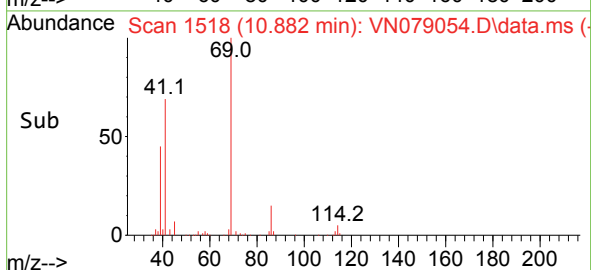
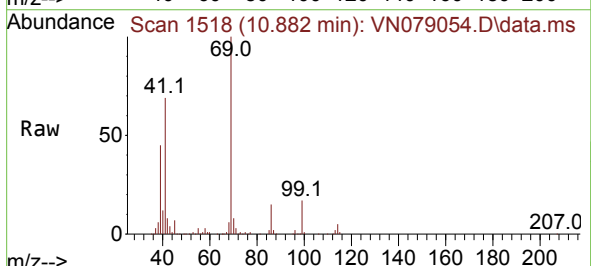
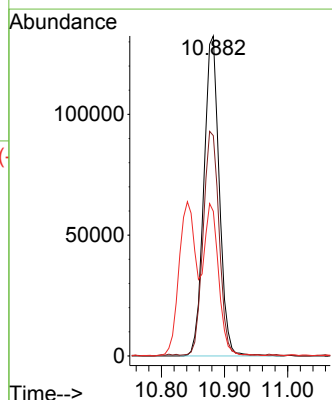
Tgt Ion: 69 Resp: 224324

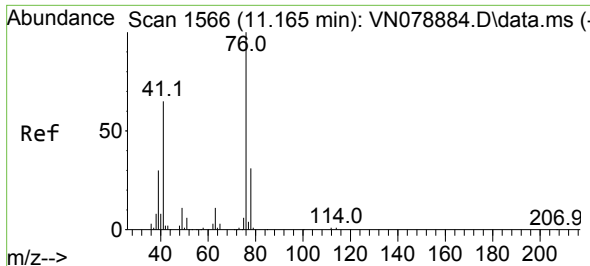
Ion Ratio Lower Upper

69 100

41 72.2 39.6 59.4#

39 46.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 48.886 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

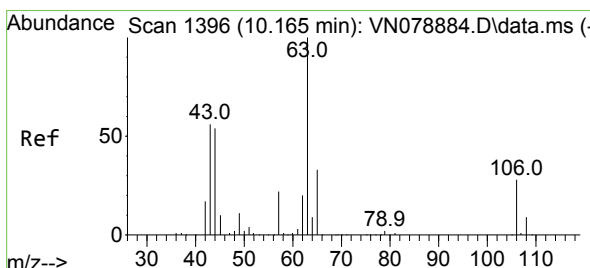
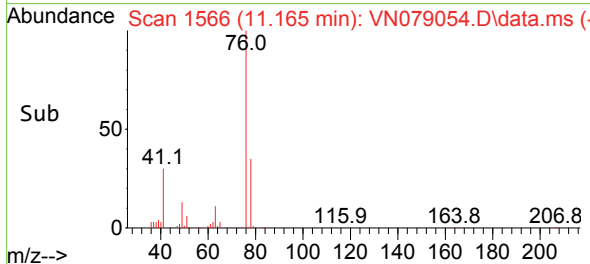
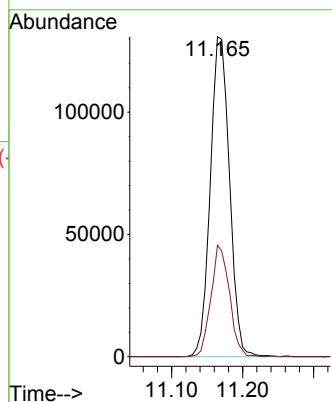
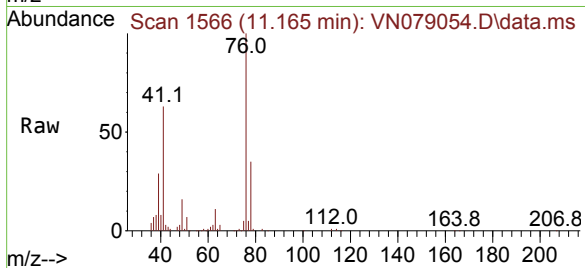
ClientSampleId :

Tgt Ion: 76 Resp: 245658

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 208.979 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079054.D

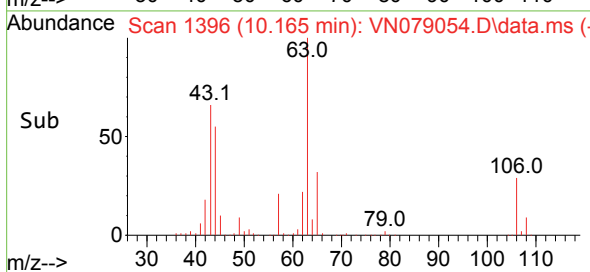
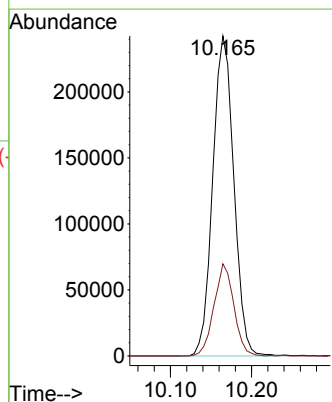
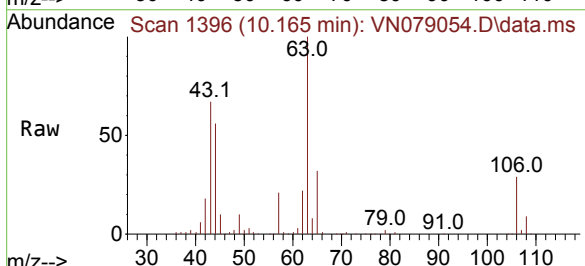
Acq: 25 Aug 2023 16:56

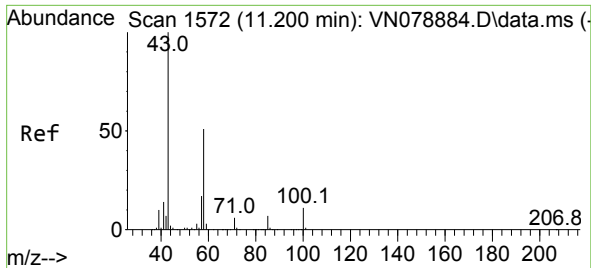
Tgt Ion: 63 Resp: 436881

Ion Ratio Lower Upper

63 100

106 27.2 26.2 39.4

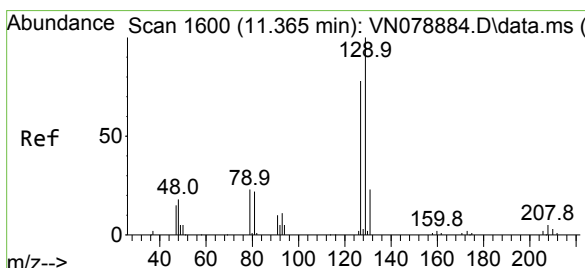
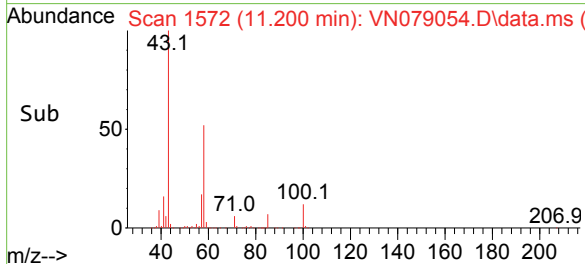
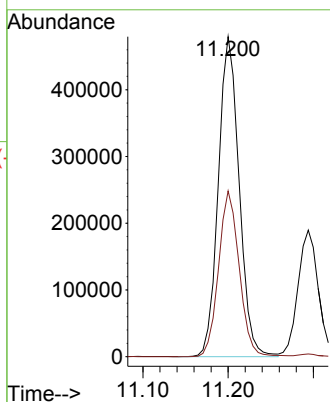
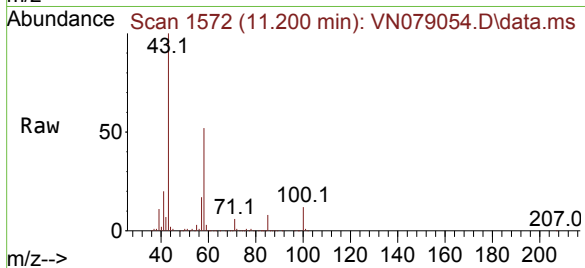




#59
2-Hexanone
Concen: 247.968 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

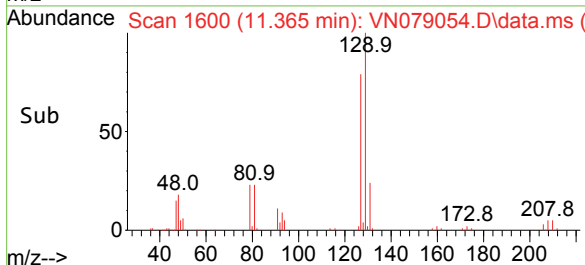
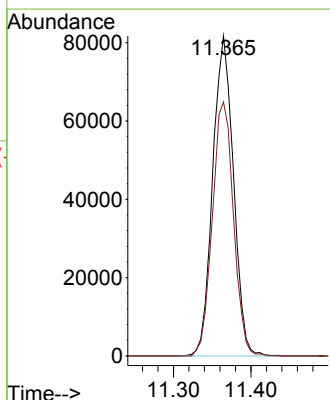
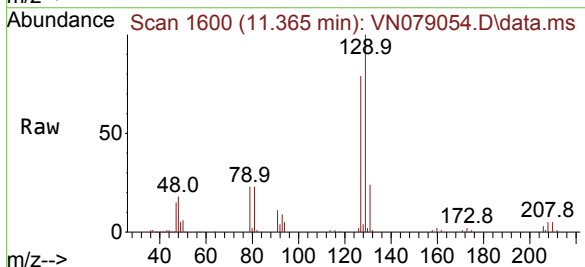
Instrument :
MSVOA_N
ClientSampleId :

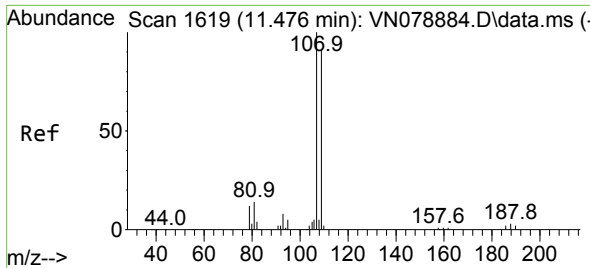
Tgt Ion: 43 Resp: 813365
Ion Ratio Lower Upper
43 100
58 51.5 31.7 95.1



#60
Dibromochloromethane
Concen: 51.264 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 129 Resp: 151559
Ion Ratio Lower Upper
129 100
127 81.0 38.6 116.0

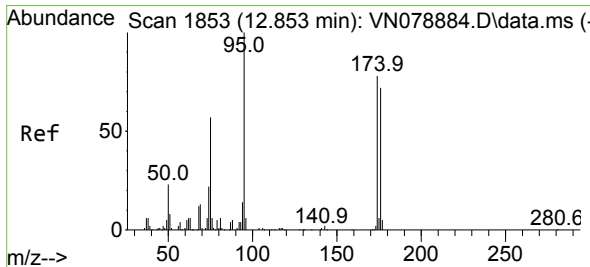
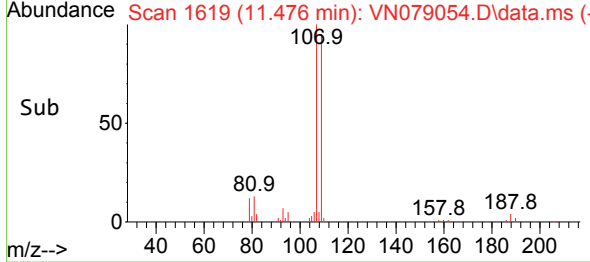
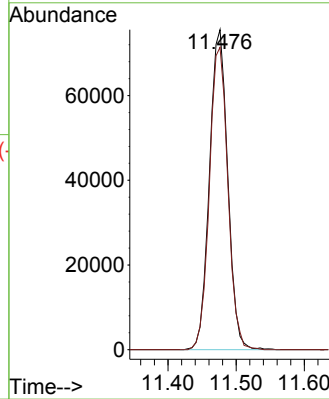
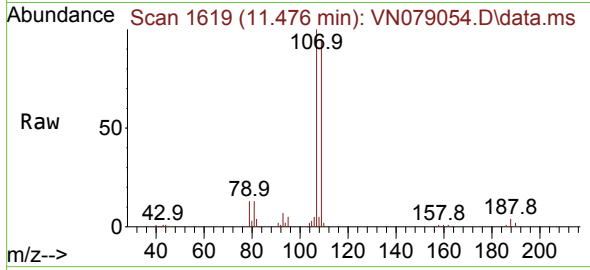




#61
1,2-Dibromoethane
Concen: 49.320 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

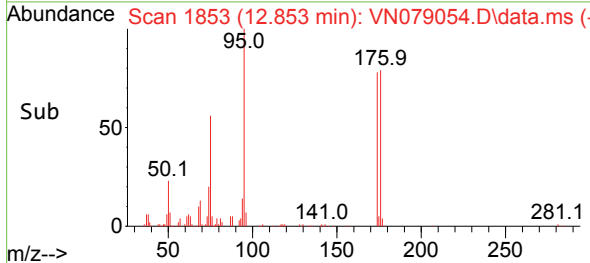
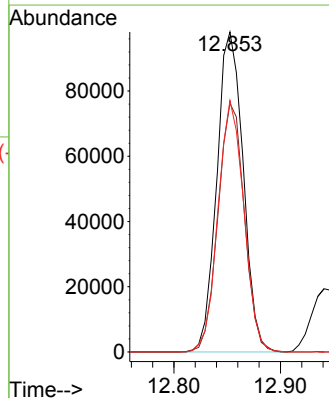
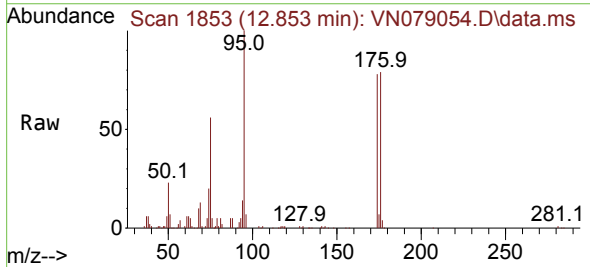
Instrument :
MSVOA_N
ClientSampleId :

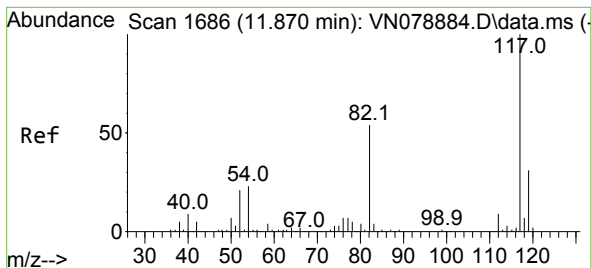
Tgt Ion:107 Resp: 140809
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.959 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 95 Resp: 168093
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 77.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

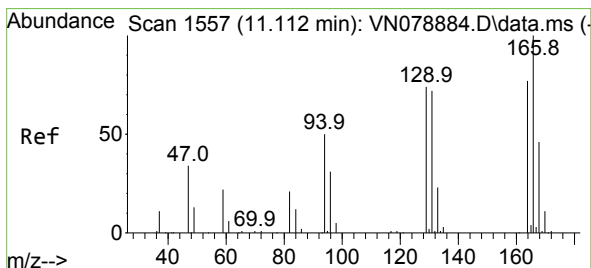
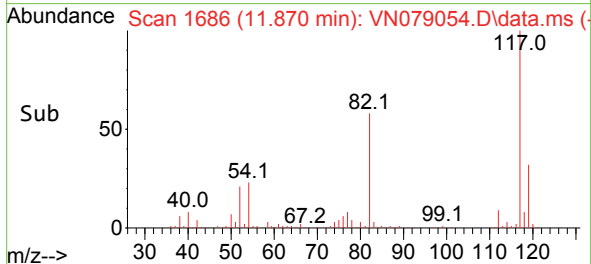
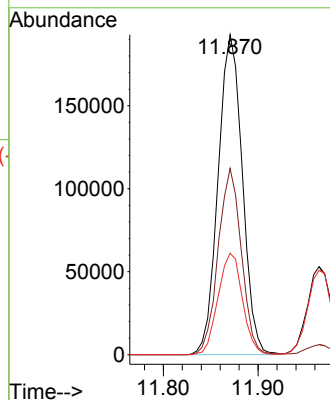
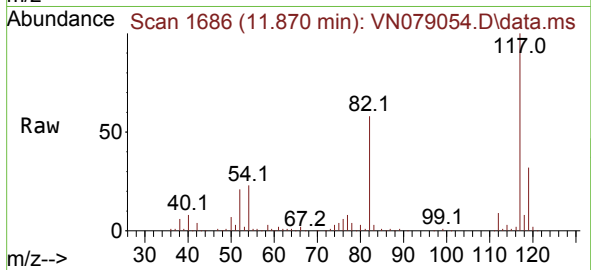
Tgt Ion:117 Resp: 343217

Ion Ratio Lower Upper

117 100

82 58.2 44.0 66.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 54.593 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Tgt Ion:164 Resp: 117504

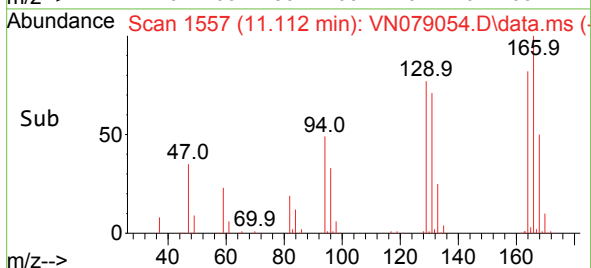
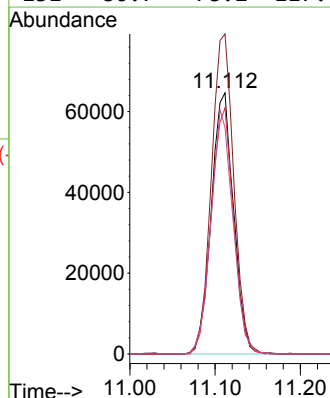
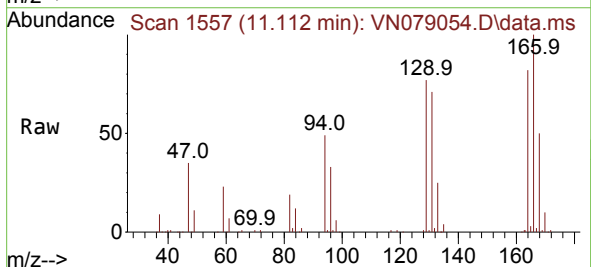
Ion Ratio Lower Upper

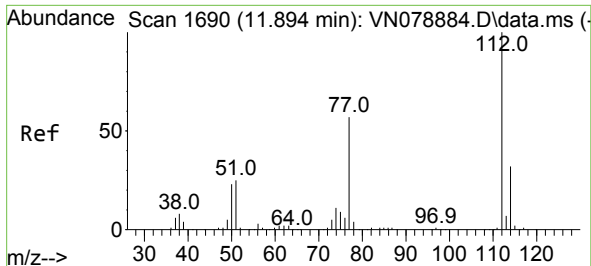
164 100

166 122.5 101.4 152.0

129 94.2 82.4 123.6

131 86.7 78.2 117.4

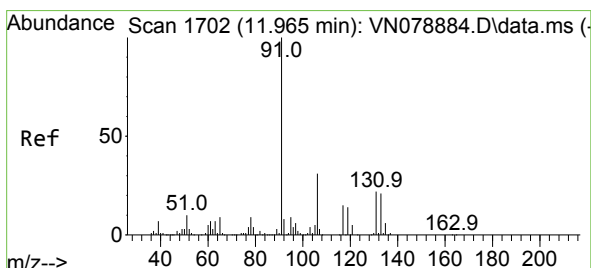
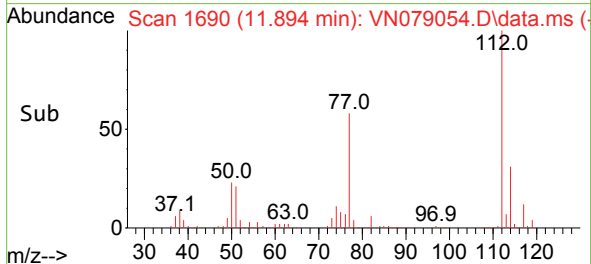
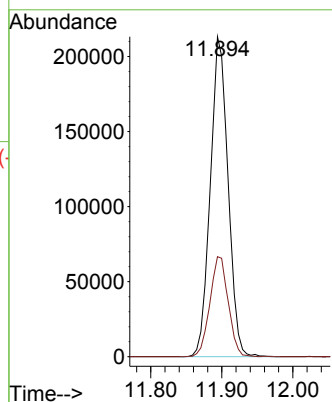
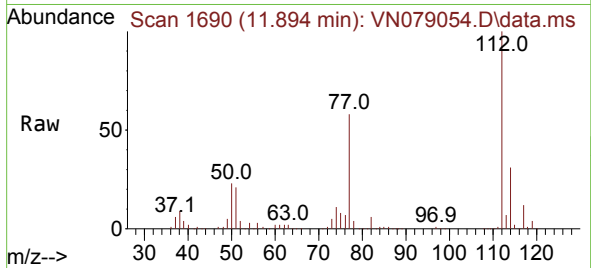




#65
Chlorobenzene
Concen: 50.570 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

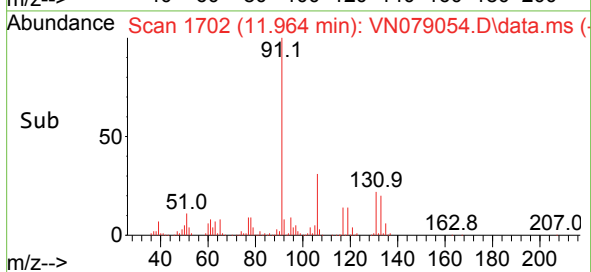
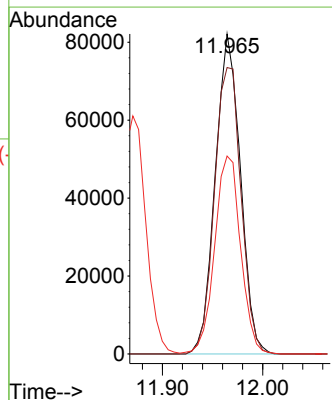
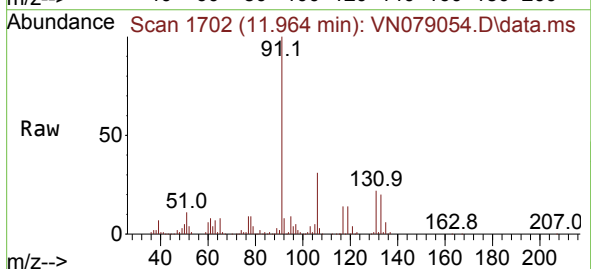
Instrument :
MSVOA_N
ClientSampleId :

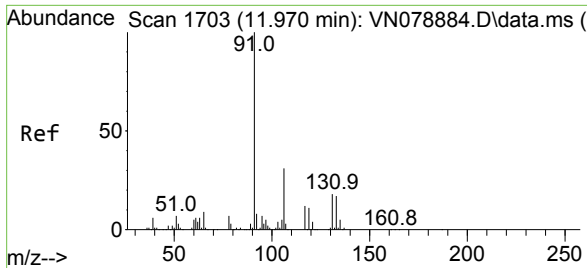
Tgt Ion:112 Resp: 369461
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.879 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion:131 Resp: 143238
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 63.9 34.1 102.2





#67

Ethyl Benzene

Concen: 50.031 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

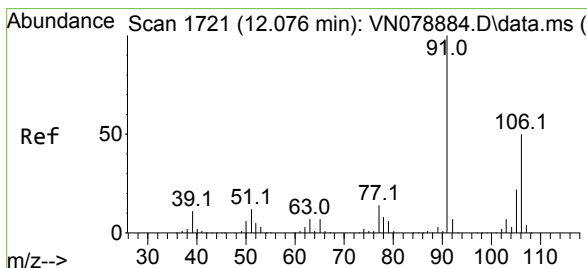
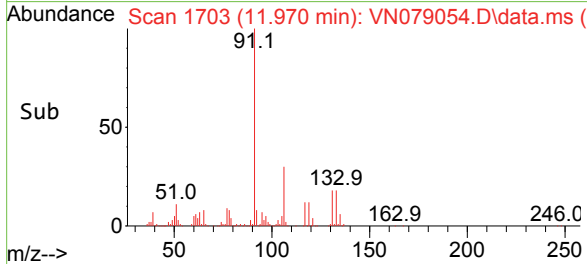
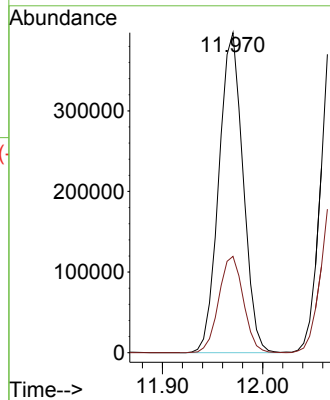
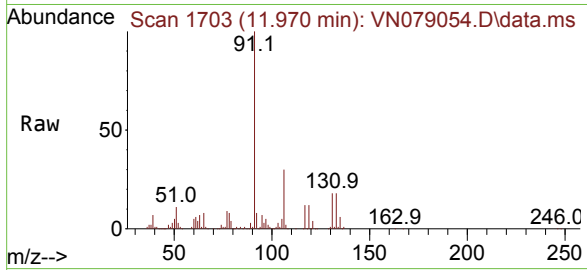
ClientSampleId :

Tgt Ion: 91 Resp: 664706

Ion Ratio Lower Upper

91 100

106 30.1 25.6 38.4



#68

m/p-Xylenes

Concen: 101.379 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079054.D

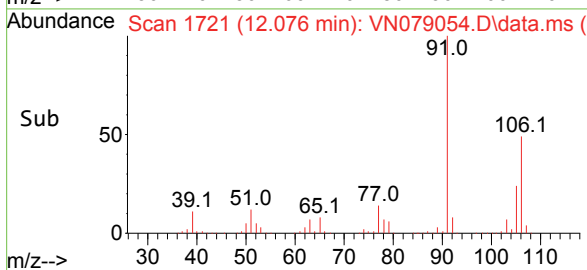
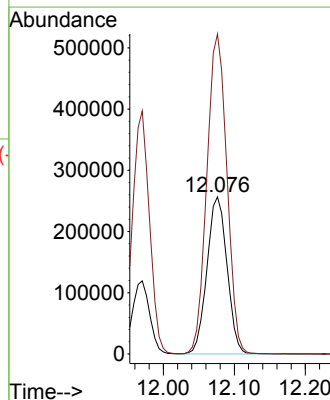
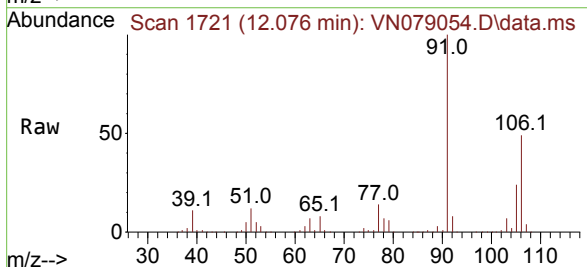
Acq: 25 Aug 2023 16:56

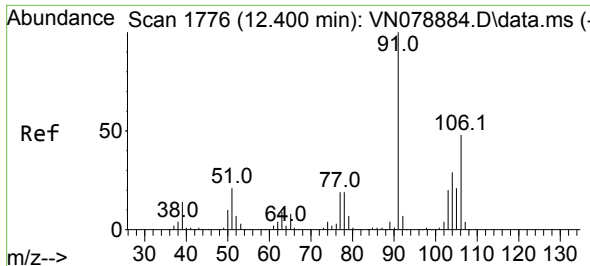
Tgt Ion:106 Resp: 503583

Ion Ratio Lower Upper

106 100

91 203.5 159.6 239.4

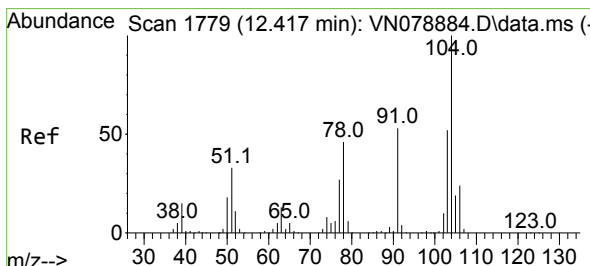
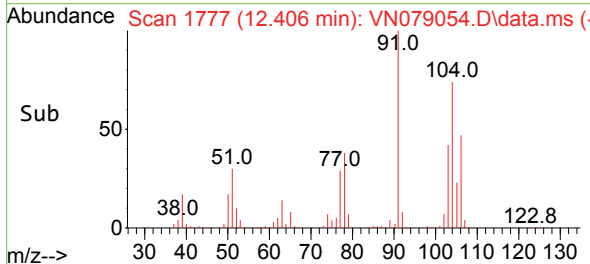
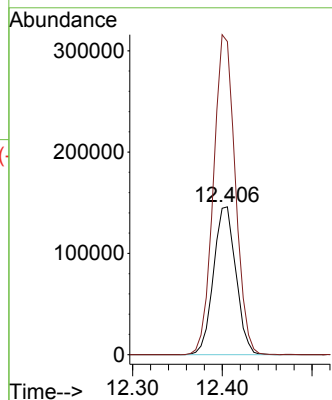
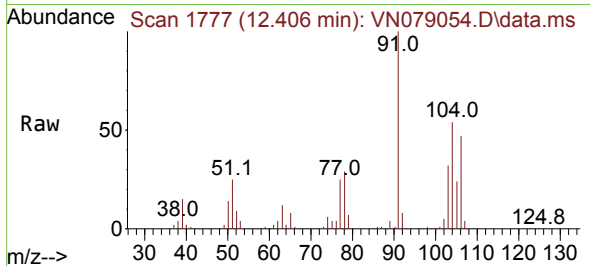




#69
o-Xylene
Concen: 52.479 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

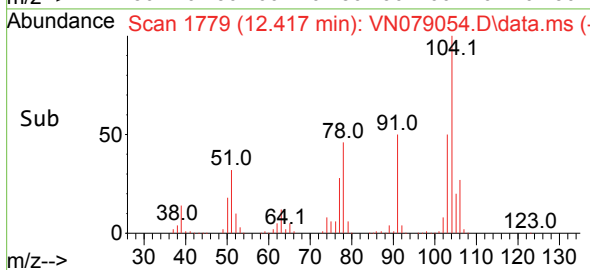
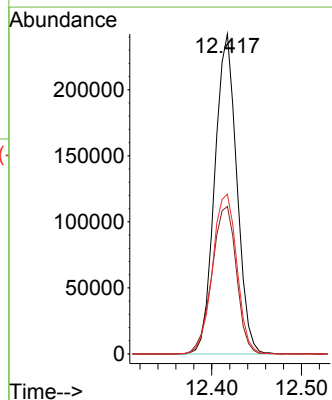
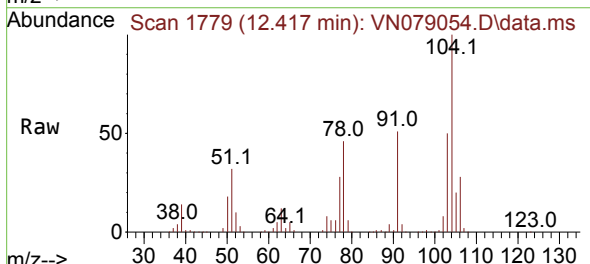
Instrument :
MSVOA_N
ClientSampleId :

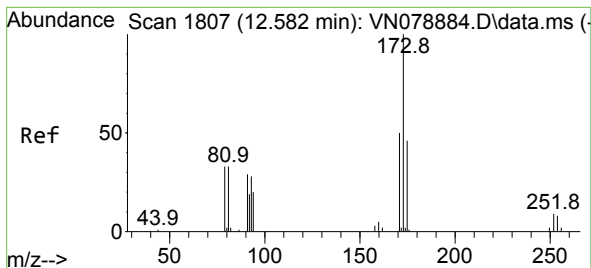
Tgt Ion:106 Resp: 253581
Ion Ratio Lower Upper
106 100
91 210.8 105.2 315.5



#70
Styrene
Concen: 51.351 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion:104 Resp: 413745
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 54.114 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

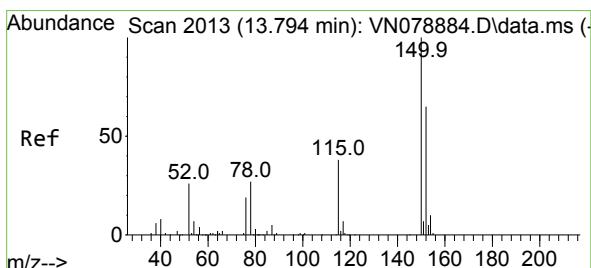
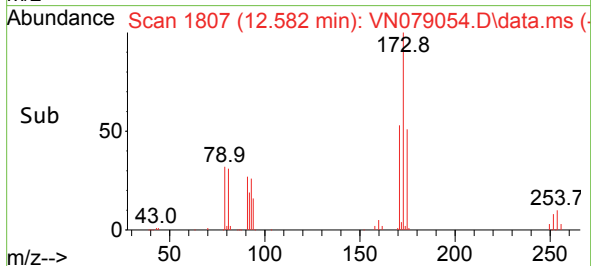
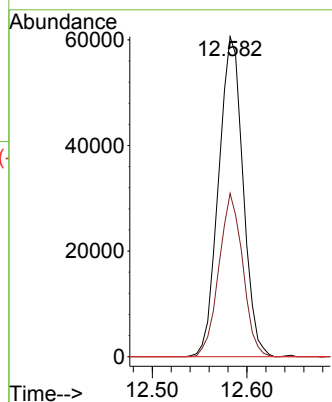
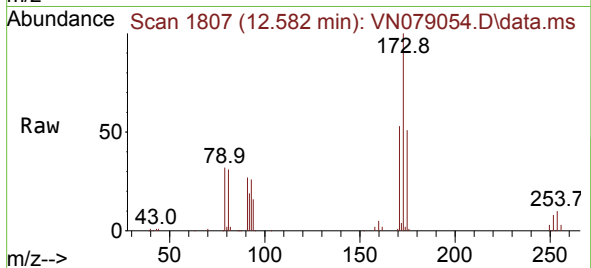
Tgt Ion:173 Resp: 108620

Ion Ratio Lower Upper

173 100

175 49.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

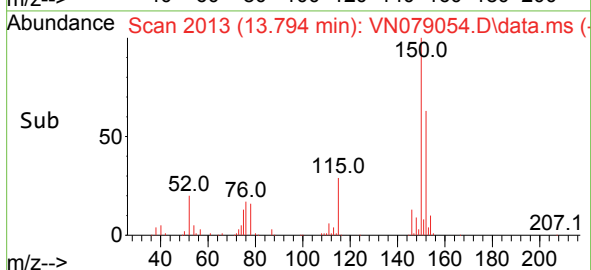
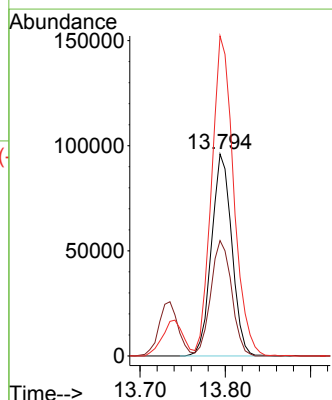
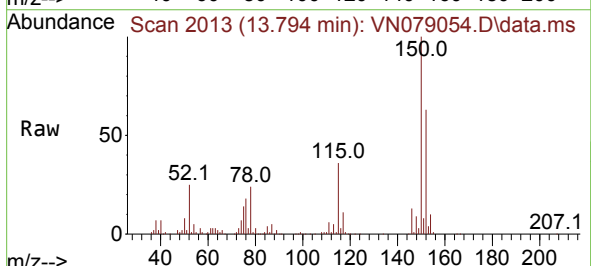
Tgt Ion:152 Resp: 159012

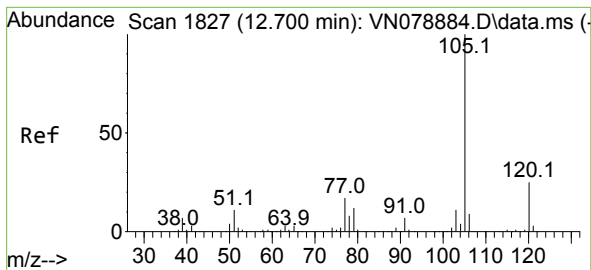
Ion Ratio Lower Upper

152 100

115 58.4 32.3 96.8

150 172.2 0.0 355.8





#73

Isopropylbenzene

Concen: 48.311 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

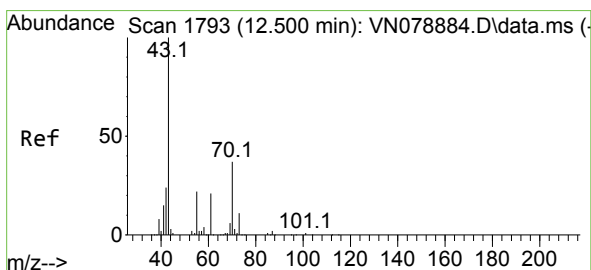
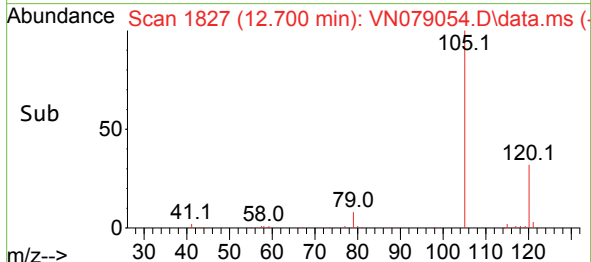
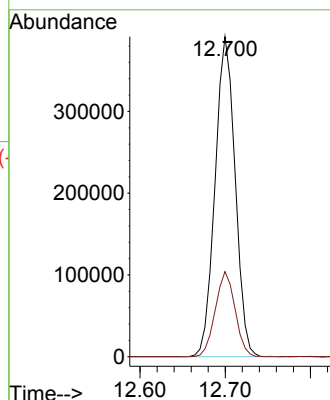
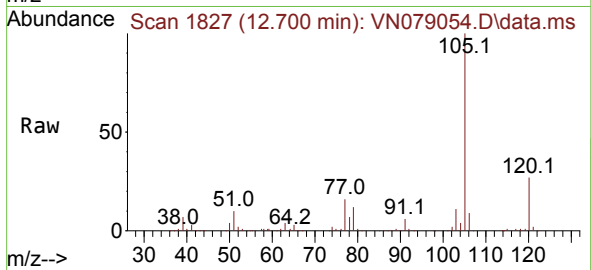
ClientSampleId :

Tgt Ion:105 Resp: 640546

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 45.836 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Tgt Ion: 43 Resp: 306759

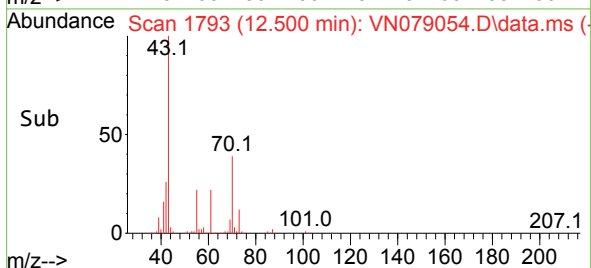
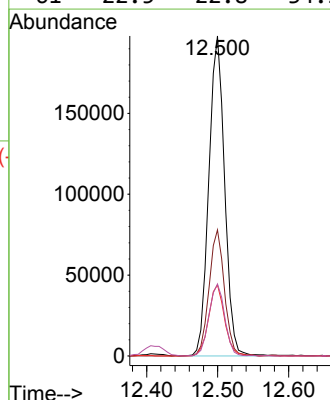
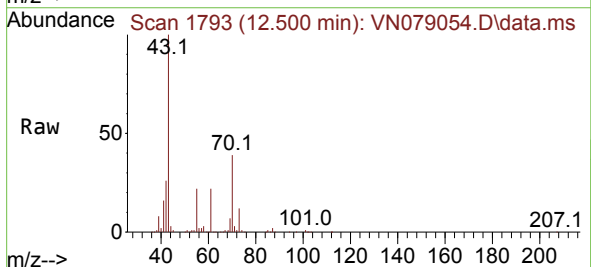
Ion Ratio Lower Upper

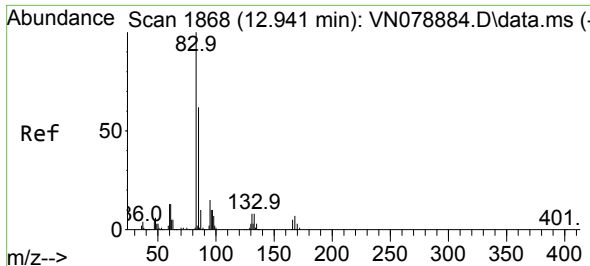
43 100

70 38.4 43.4 65.2#

55 22.5 21.4 32.0

61 22.5 22.8 34.2#

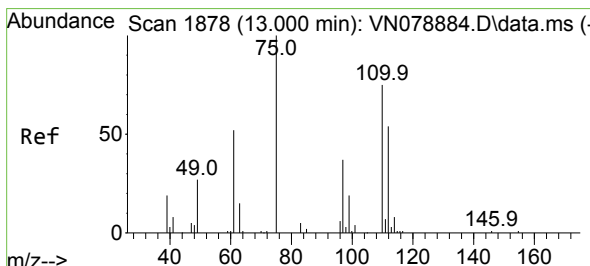
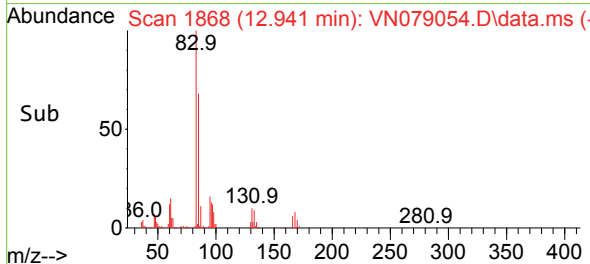
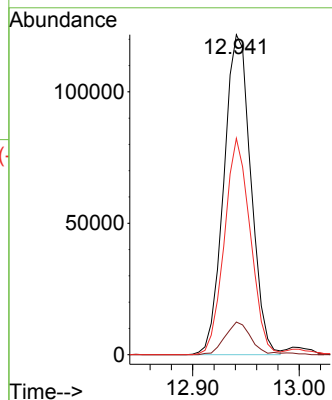
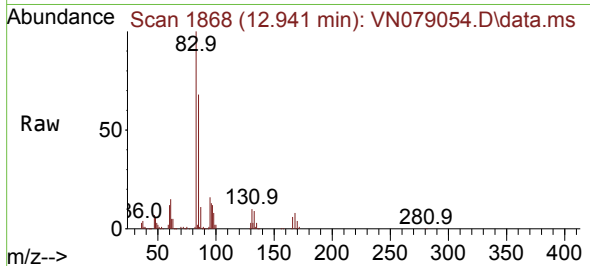




#75
1,1,2,2-Tetrachloroethane
Concen: 44.937 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

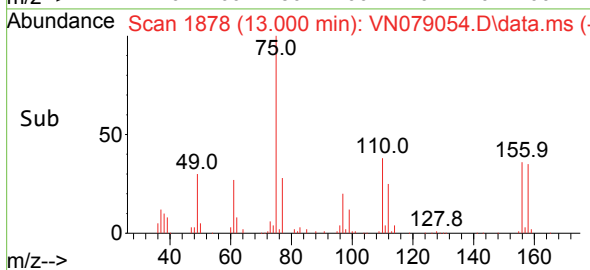
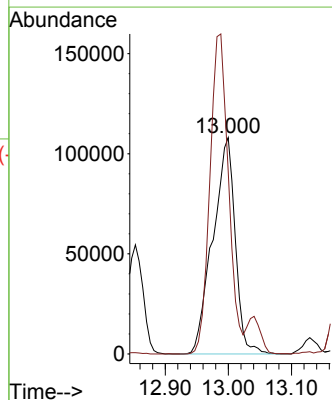
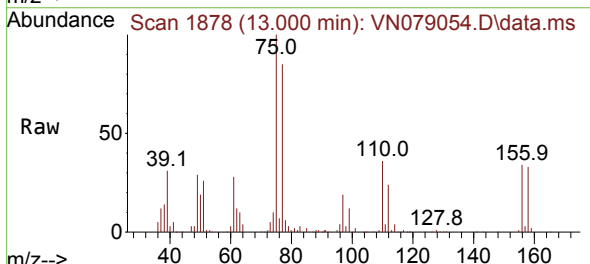
Instrument :
MSVOA_N
ClientSampleId :

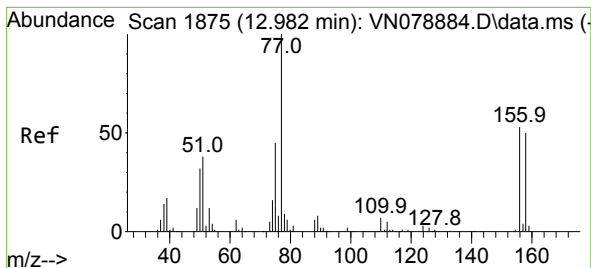
Tgt Ion: 83 Resp: 215132
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.606 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 75 Resp: 266688
Ion Ratio Lower Upper
75 100
77 122.2 84.5 253.5





#77

Bromobenzene

Concen: 47.111 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

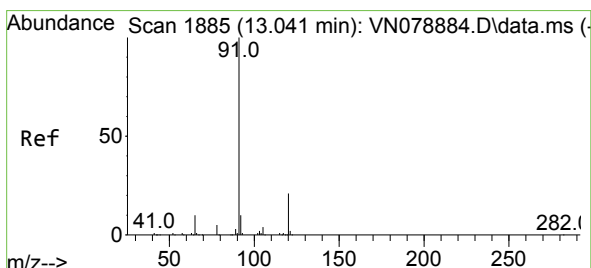
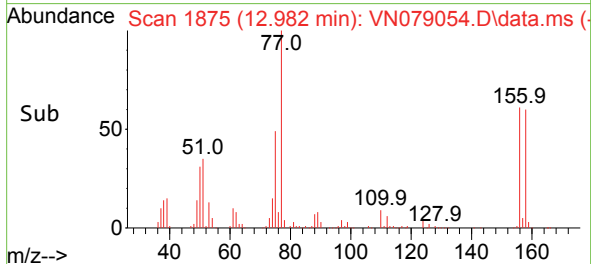
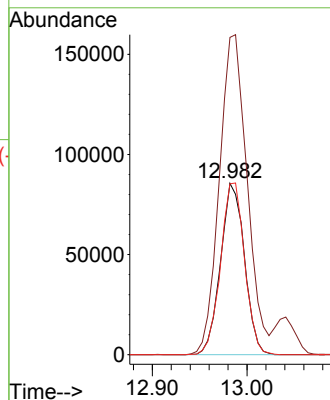
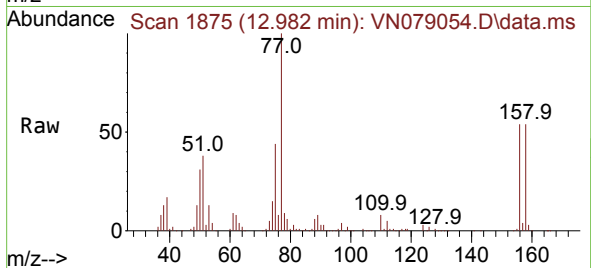
Tgt Ion:156 Resp: 150142

Ion Ratio Lower Upper

156 100

77 217.0 107.7 323.3

158 100.9 48.4 145.3



#78

n-propylbenzene

Concen: 47.268 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079054.D

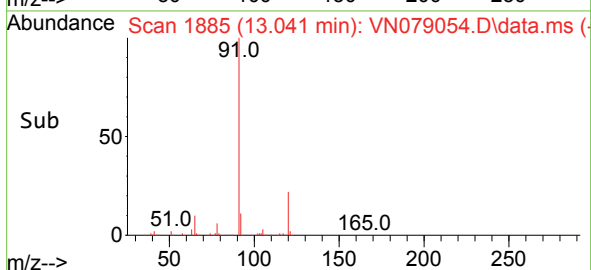
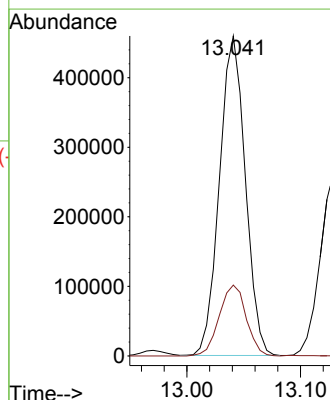
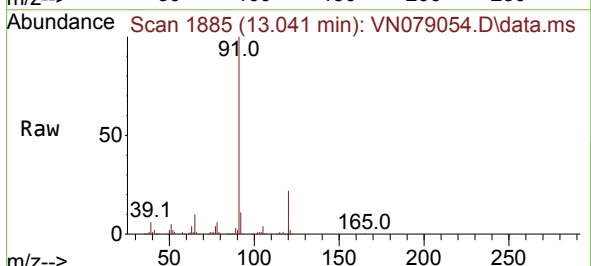
Acq: 25 Aug 2023 16:56

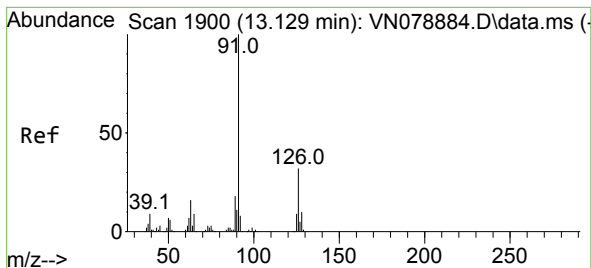
Tgt Ion: 91 Resp: 726736

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.709 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

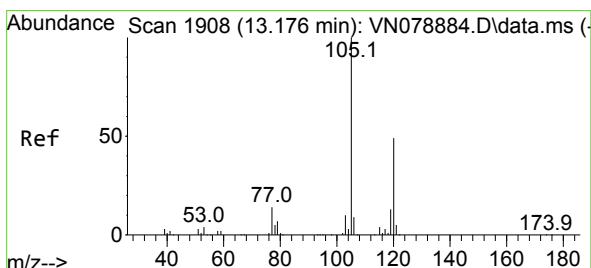
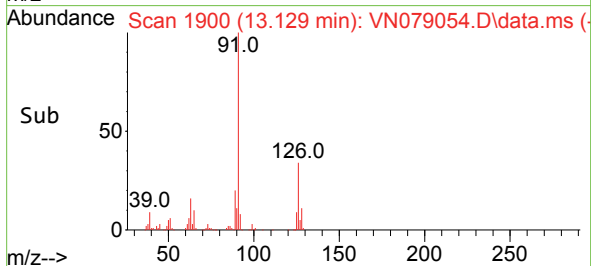
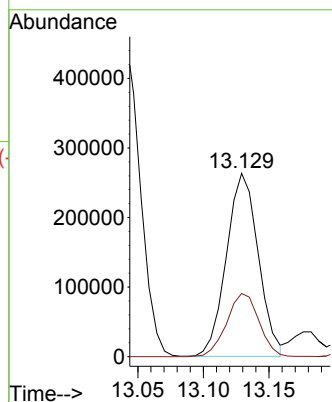
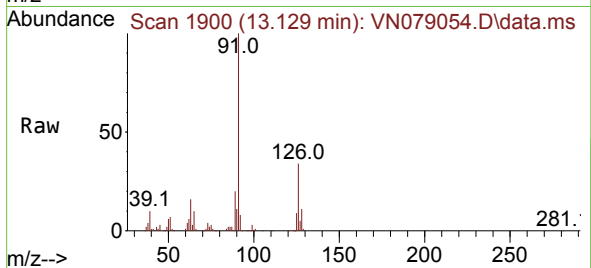
ClientSampleId :

Tgt Ion: 91 Resp: 445476

Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.472 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079054.D

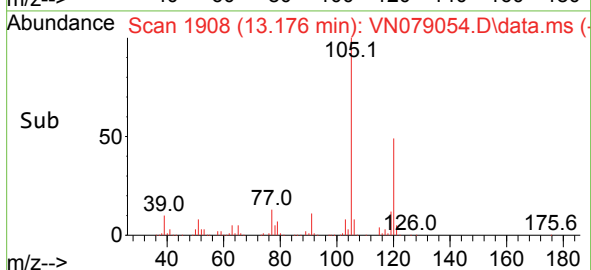
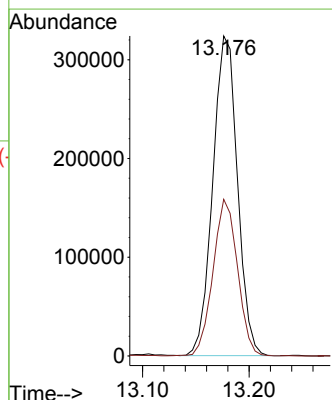
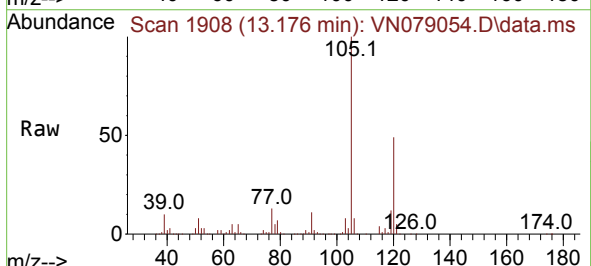
Acq: 25 Aug 2023 16:56

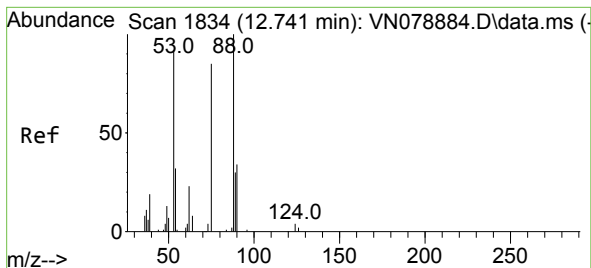
Tgt Ion: 105 Resp: 519802

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

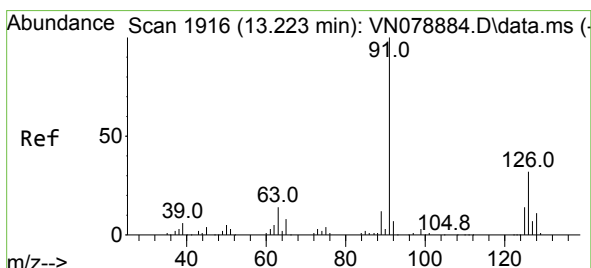
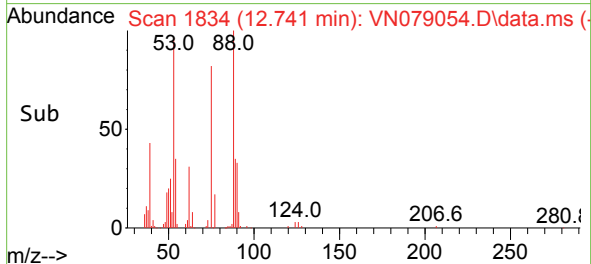
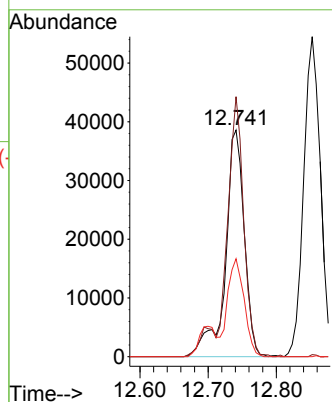
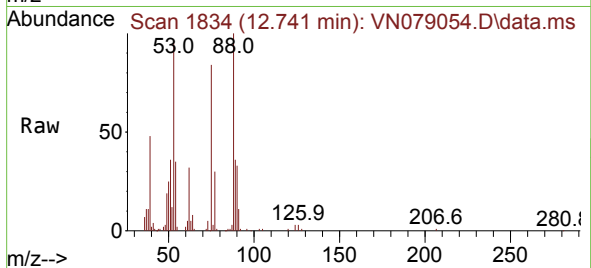




#81
trans-1,4-Dichloro-2-butene
Concen: 49.530 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

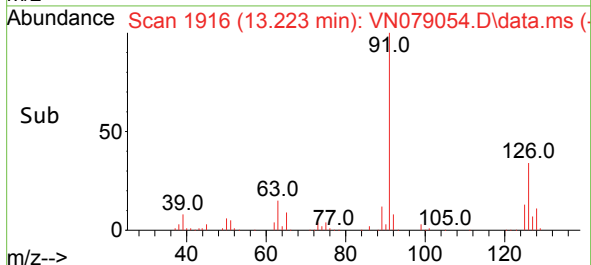
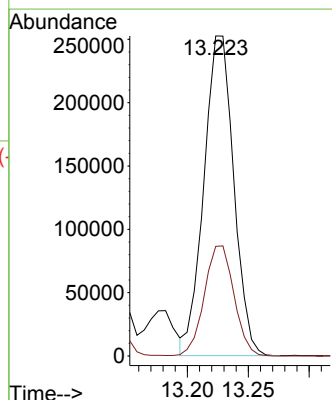
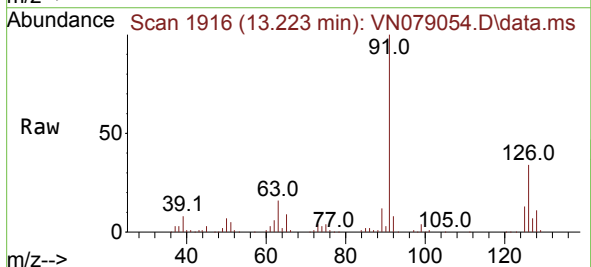
Instrument :
MSVOA_N
ClientSampleId :

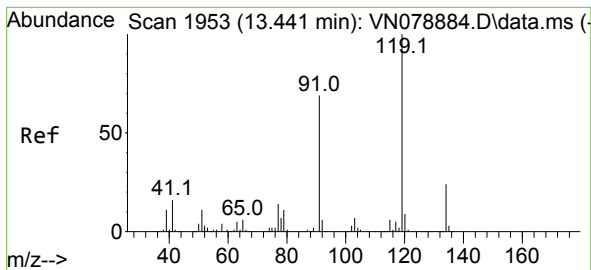
Tgt Ion: 75 Resp: 74287
Ion Ratio Lower Upper
75 100
53 95.7 67.4 101.2
89 39.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.210 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion: 91 Resp: 431227
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0

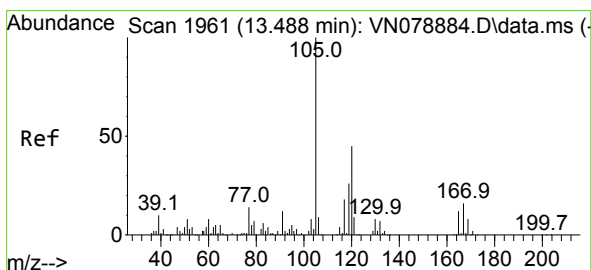
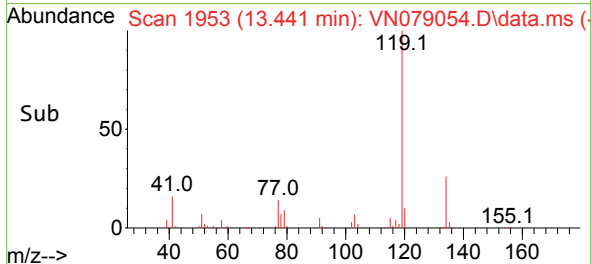
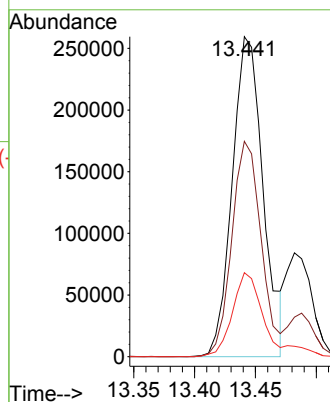
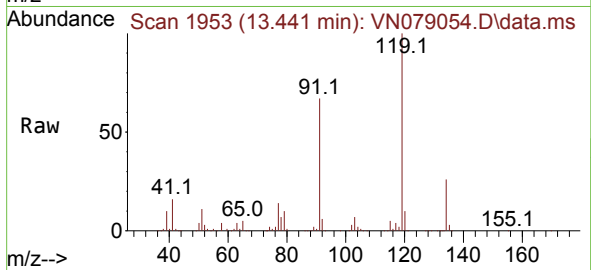




#83
tert-Butylbenzene
Concen: 51.874 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

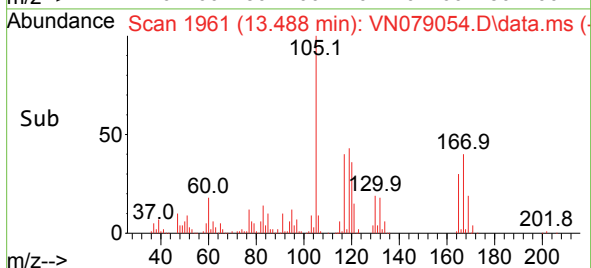
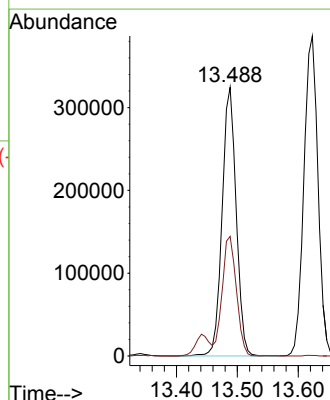
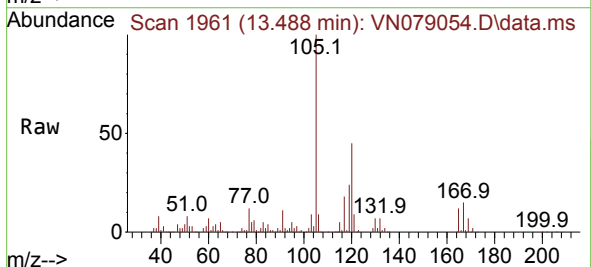
Instrument :
MSVOA_N
ClientSampleId :

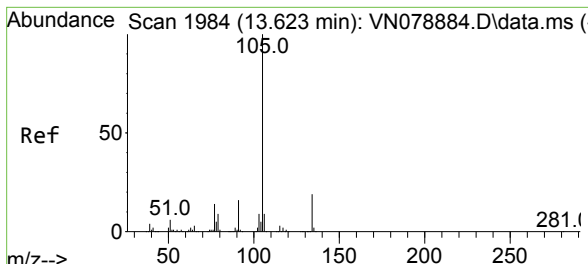
Tgt Ion:119 Resp: 457947
Ion Ratio Lower Upper
119 100
91 63.9 33.9 101.7
134 27.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 50.037 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion:105 Resp: 520574
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0

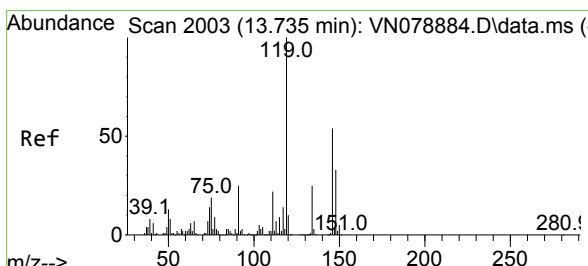
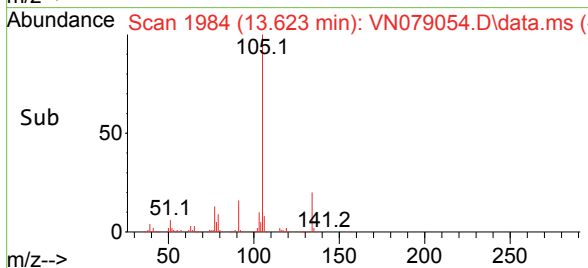
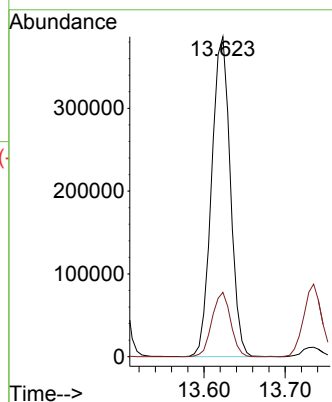
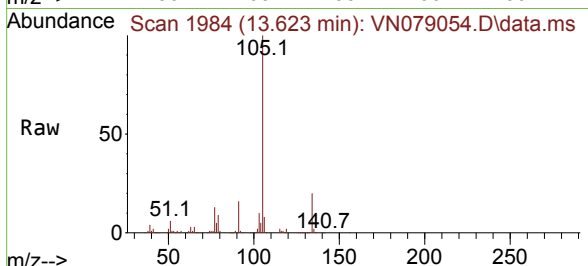




#85
 sec-Butylbenzene
 Concen: 50.958 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

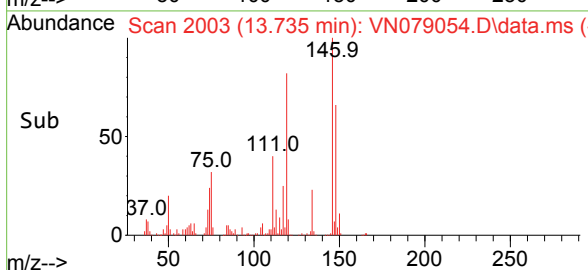
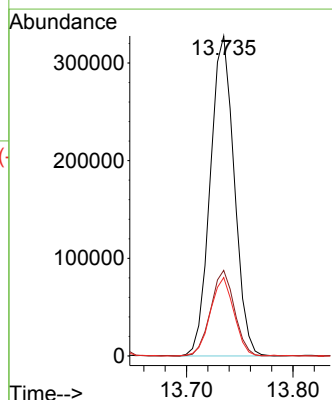
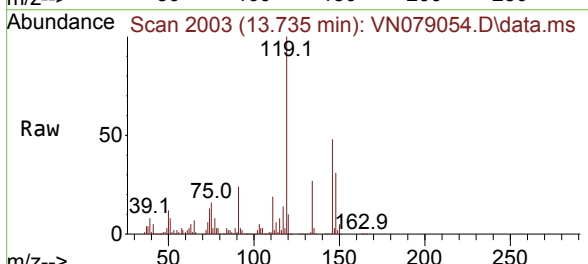
Instrument :
 MSVOA_N
 ClientSampleId :

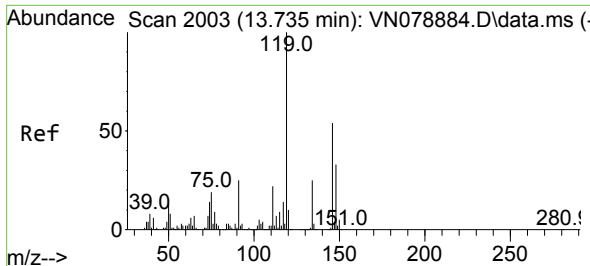
Tgt Ion:105 Resp: 619101
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.697 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

Tgt Ion:119 Resp: 511515
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 24.2 12.4 37.2

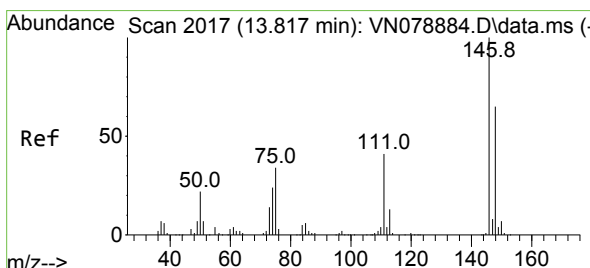
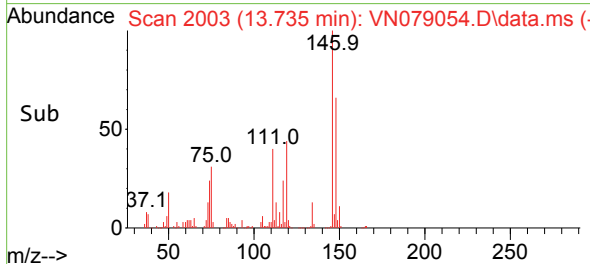
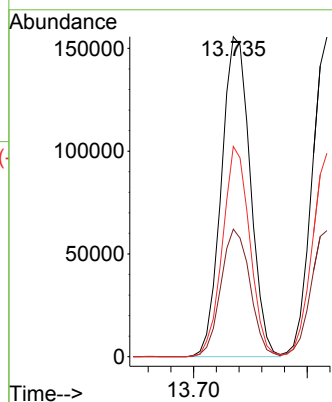
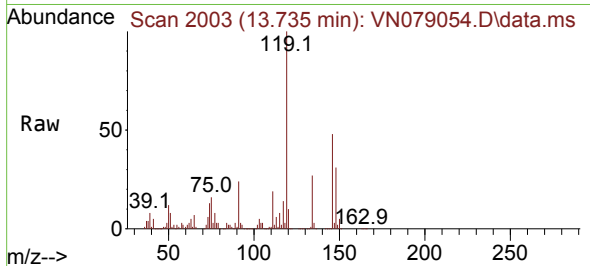




#87
1,3-Dichlorobenzene
Concen: 50.128 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

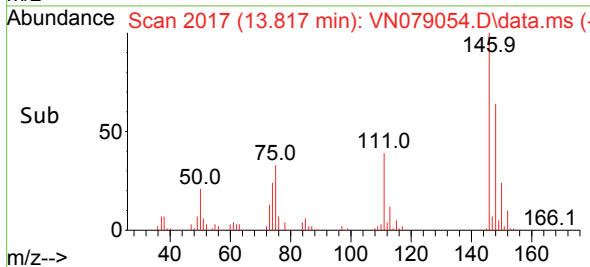
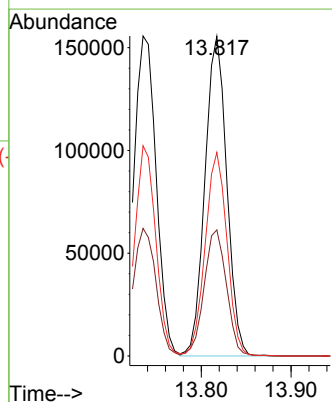
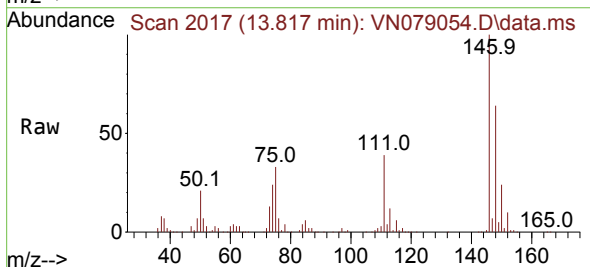
Instrument :
MSVOA_N
ClientSampleId :

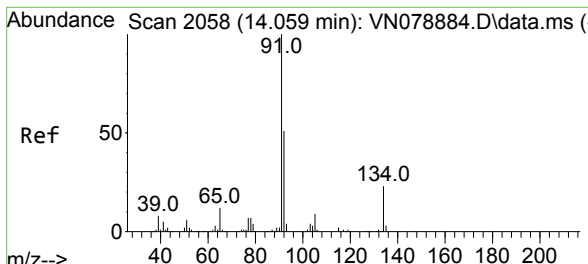
Tgt Ion:146 Resp: 274902
Ion Ratio Lower Upper
146 100
111 40.2 22.1 66.3
148 62.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 47.939 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079054.D
Acq: 25 Aug 2023 16:56

Tgt Ion:146 Resp: 263138
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.4 31.6 94.8

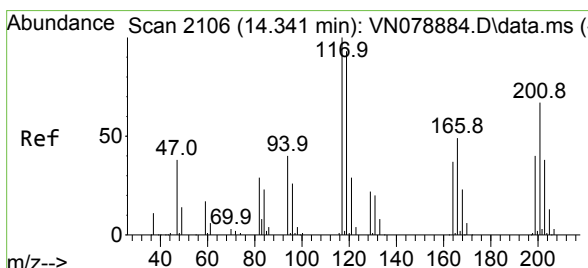
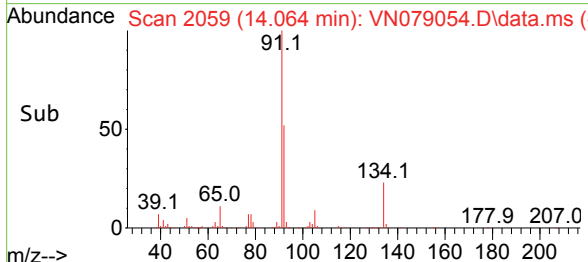
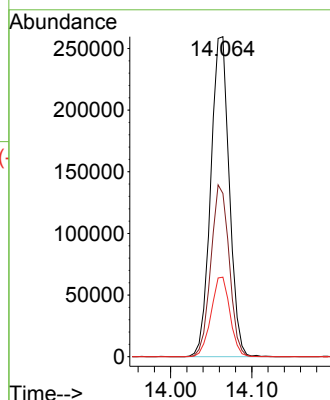
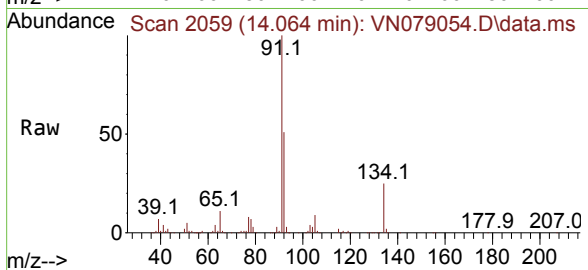




#89
 n-Butylbenzene
 Concen: 51.458 ug/l
 RT: 14.064 min Scan# 2058
 Delta R.T. 0.005 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

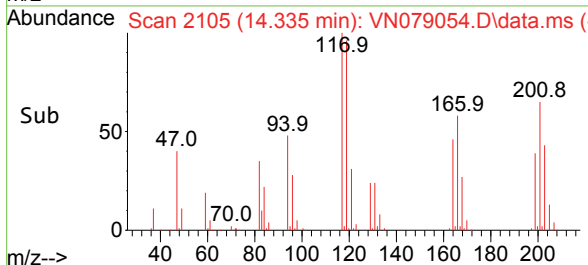
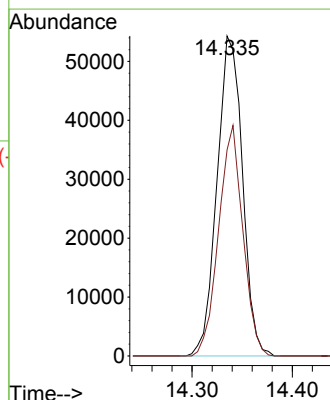
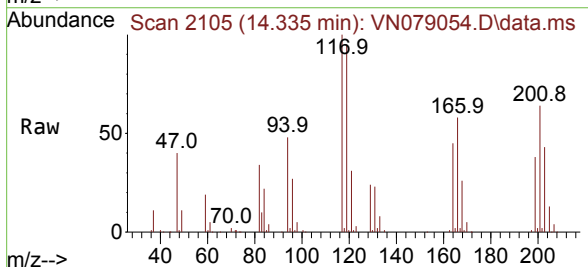
Instrument :
 MSVOA_N
 ClientSampleId :

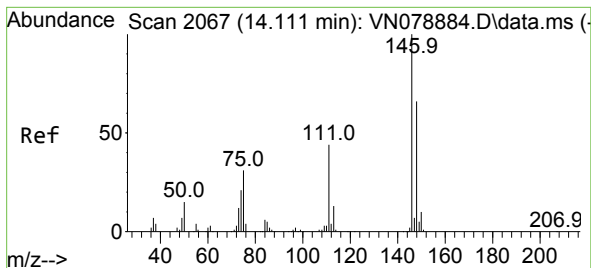
Tgt Ion:	91	Resp:	411056
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.0
134	25.4	12.6	37.6



#90
 Hexachloroethane
 Concen: 49.160 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

Tgt Ion:	117	Resp:	95654
Ion	Ratio	Lower	Upper
117	100		
201	68.7	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 49.221 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

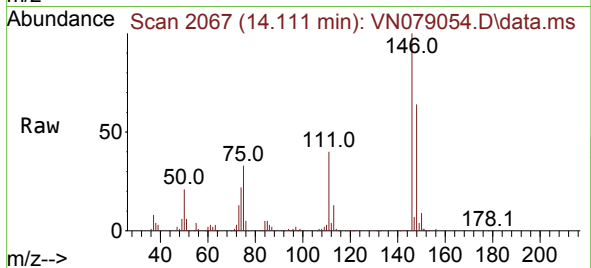
Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

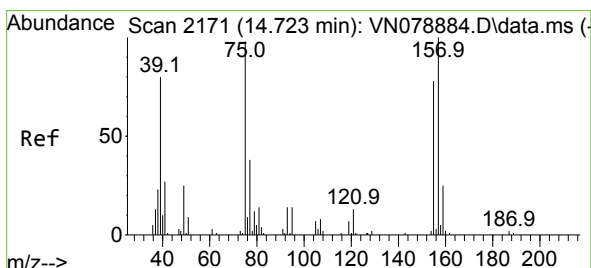
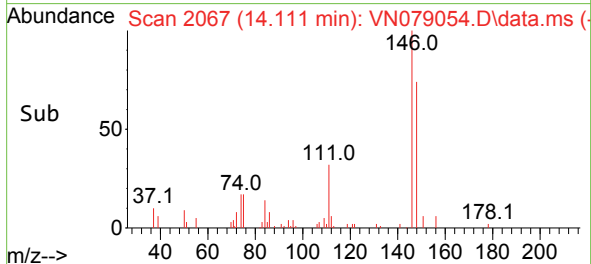
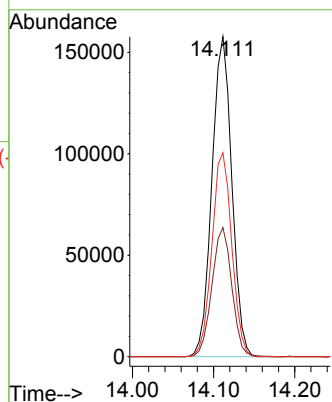
MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 268434

Ion	Ratio	Lower	Upper
146	100		
111	40.1	22.0	66.0
148	63.7	31.8	95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.382 ug/l

RT: 14.723 min Scan# 2171

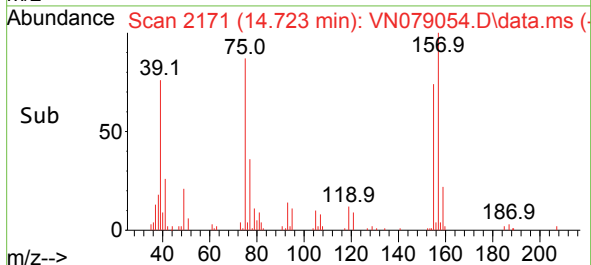
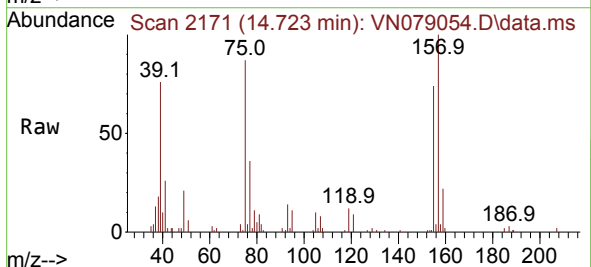
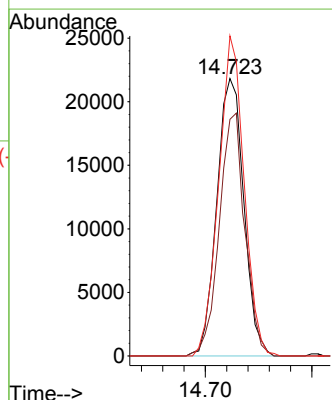
Delta R.T. 0.000 min

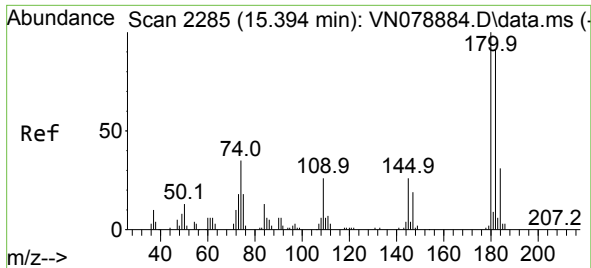
Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Tgt Ion: 75 Resp: 38414

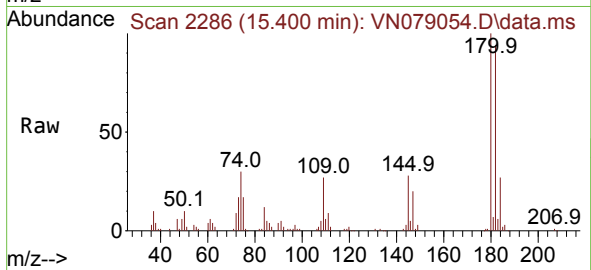
Ion	Ratio	Lower	Upper
75	100		
155	82.9	39.1	117.2
157	108.7	50.3	150.9



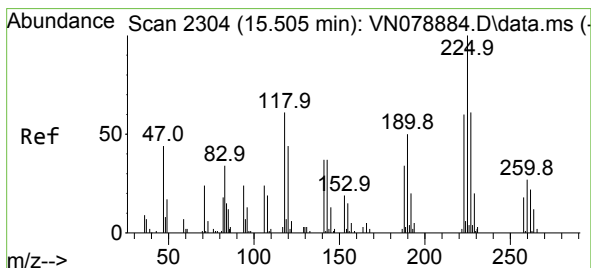
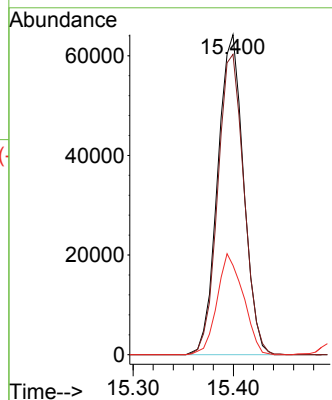
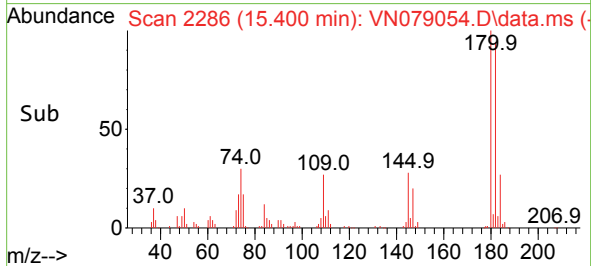


#93
 1,2,4-Trichlorobenzene
 Concen: 59.439 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56

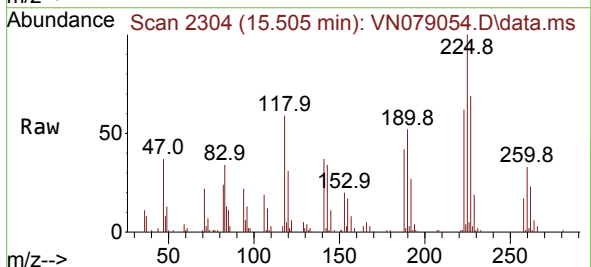
Instrument :
 MSVOA_N
 ClientSampleId :



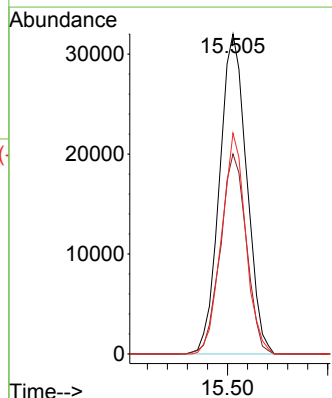
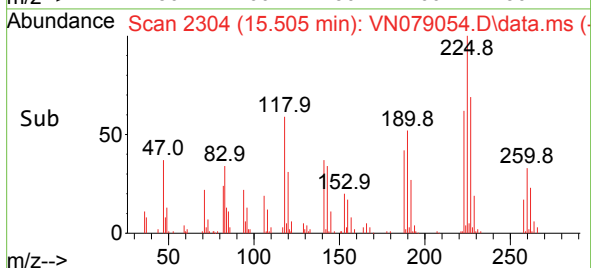
Tgt Ion:180 Resp: 114916
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.1 138.2
 145 32.0 16.6 49.8

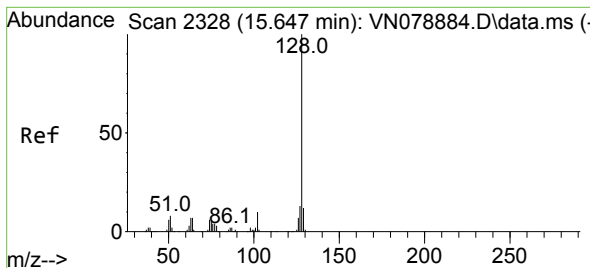


#94
 Hexachlorobutadiene
 Concen: 62.245 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN079054.D
 Acq: 25 Aug 2023 16:56



Tgt Ion:225 Resp: 60030
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.3 93.8
 227 61.6 31.9 95.9





#95

Naphthalene

Concen: 50.246 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

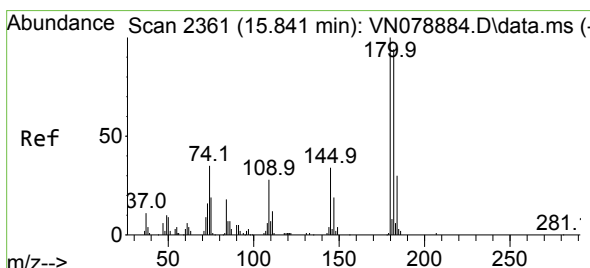
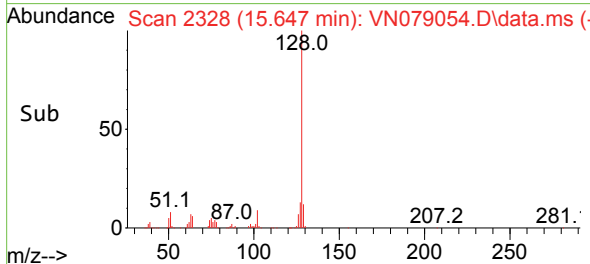
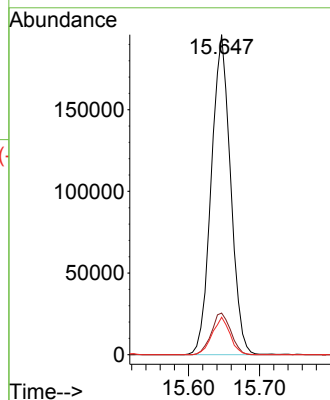
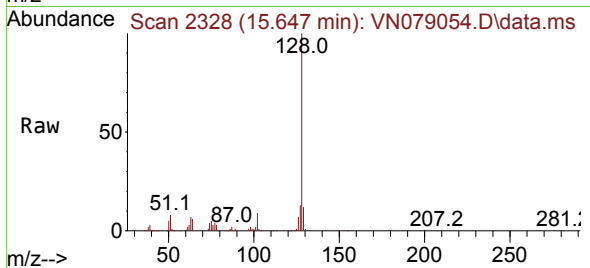
Tgt Ion:128 Resp: 368289

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.739 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079054.D

Acq: 25 Aug 2023 16:56

Tgt Ion:180 Resp: 115910

Ion Ratio Lower Upper

180 100

182 97.4 46.2 138.6

145 34.6 17.5 52.6

