

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079811.D
 Acq On : 02 Nov 2023 20:45
 Operator : JC\MD
 Sample : 05225-08MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	263721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	237362	59.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.160%	
35) Dibromofluoromethane	8.171	113	185990	56.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.520%	
50) Toluene-d8	10.571	98	675337	55.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.853	95	229634	56.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.780%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	169875	53.477	ug/l	100
3) Chloromethane	2.359	50	212321	53.947	ug/l	99
4) Vinyl Chloride	2.512	62	226370	54.440	ug/l	98
5) Bromomethane	2.942	94	149859	59.316	ug/l	98
6) Chloroethane	3.118	64	173496	52.806	ug/l	95
7) Trichlorofluoromethane	3.495	101	269360	52.083	ug/l	96
8) Diethyl Ether	3.959	74	109813	55.953	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	149718	49.938	ug/l	99
10) Methyl Iodide	4.589	142	180000	52.575	ug/l	99
11) Tert butyl alcohol	5.518	59	130314	254.074	ug/l	99
12) 1,1-Dichloroethene	4.336	96	150014	52.847	ug/l	87
13) Acrolein	4.177	56	141351	402.838	ug/l	97
14) Allyl chloride	5.024	41	277960	63.931	ug/l #	90
15) Acrylonitrile	5.718	53	483290	302.364	ug/l	99
16) Acetone	4.424	43	367170	260.161	ug/l	91
17) Carbon Disulfide	4.712	76	428617	52.346	ug/l	99
18) Methyl Acetate	5.024	43	375338	55.588	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	562784	57.585	ug/l	92
20) Methylene Chloride	5.277	84	194447	54.603	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	175692	55.495	ug/l #	76
22) Diisopropyl ether	6.677	45	637727	63.294	ug/l #	91
23) Vinyl Acetate	6.606	43	1653568	297.528	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	363609	59.374	ug/l	97
25) 2-Butanone	7.489	43	639868	309.612	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	253284	50.009	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	213787	56.453	ug/l	87
28) Bromochloromethane	7.812	49	180384	60.441	ug/l #	74
29) Tetrahydrofuran	7.841	42	432198	321.431	ug/l #	75
30) Chloroform	7.965	83	373469	56.143	ug/l	96
31) Cyclohexane	8.259	56	276884	52.151	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	310119	57.216	ug/l	94
36) 1,1-Dichloropropene	8.377	75	262949	55.705	ug/l	95
37) Ethyl Acetate	7.565	43	253091	58.462	ug/l #	92
38) Carbon Tetrachloride	8.365	117	259037	54.450	ug/l	98
39) Methylcyclohexane	9.606	83	242231	54.528	ug/l #	87
40) Benzene	8.606	78	814726	57.625	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	144097	62.681	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	305832	61.927	ug/l	97
43) Isopropyl Acetate	8.688	43	422545	55.656	ug/l #	91
44) Trichloroethene	9.353	130	183925	52.425	ug/l	100
45) 1,2-Dichloropropane	9.624	63	219538	60.761	ug/l	95
46) Dibromomethane	9.712	93	144557	58.594	ug/l	95
47) Bromodichloromethane	9.888	83	296089	56.274	ug/l	98
48) Methyl methacrylate	9.682	41	212147	63.795	ug/l #	80
49) 1,4-Dioxane	9.700	88	68363	1163.428	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1380600	323.002	ug/l	90
52) Toluene	10.635	92	487705	58.186	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	298913	57.952	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	316570	56.308	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	200197	59.383	ug/l	96
56) Ethyl methacrylate	10.877	69	299277	62.235	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	358287	60.293	ug/l	99
59) 2-Hexanone	11.200	43	1005697	307.570	ug/l	87
60) Dibromochloromethane	11.359	129	211432	58.590	ug/l	99
61) 1,2-Dibromoethane	11.471	107	195907	57.897	ug/l	98
64) Tetrachloroethene	11.106	164	147002	51.780	ug/l	95
65) Chlorobenzene	11.894	112	510829	53.723	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	192019	56.050	ug/l	97
67) Ethyl Benzene	11.965	91	931313	56.217	ug/l	97
68) m/p-Xylenes	12.071	106	694280	112.502	ug/l	93
69) o-Xylene	12.400	106	338921	57.032	ug/l	95
70) Styrene	12.412	104	569010	59.580	ug/l	99
71) Bromoform	12.582	173	141646	58.227	ug/l #	99
73) Isopropylbenzene	12.700	105	845094	53.655	ug/l	99
74) N-amyl acetate	12.494	43	360409	52.424	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	301475	53.985	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	365633	75.044	ug/l	70
77) Bromobenzene	12.982	156	204336	52.990	ug/l	93
78) n-propylbenzene	13.035	91	998100	55.337	ug/l	97
79) 2-Chlorotoluene	13.129	91	611278	53.051	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	691922	56.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86583	48.350	ug/l #	74
82) 4-Chlorotoluene	13.223	91	611248	53.385	ug/l	99
83) tert-Butylbenzene	13.441	119	554044	55.234	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	697256	57.832	ug/l	99
85) sec-Butylbenzene	13.618	105	790160	56.857	ug/l	100
86) p-Isopropyltoluene	13.729	119	644681	56.898	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	370995	51.717	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	373545	51.302	ug/l	99
89) n-Butylbenzene	14.059	91	546168	55.966	ug/l	99
90) Hexachloroethane	14.335	117	120774	53.822	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	361925	53.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52747	55.698	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	167821	52.119	ug/l	98
94) Hexachlorobutadiene	15.500	225	75266	51.564	ug/l	98
95) Naphthalene	15.641	128	532796	48.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164782	52.208	ug/l	96

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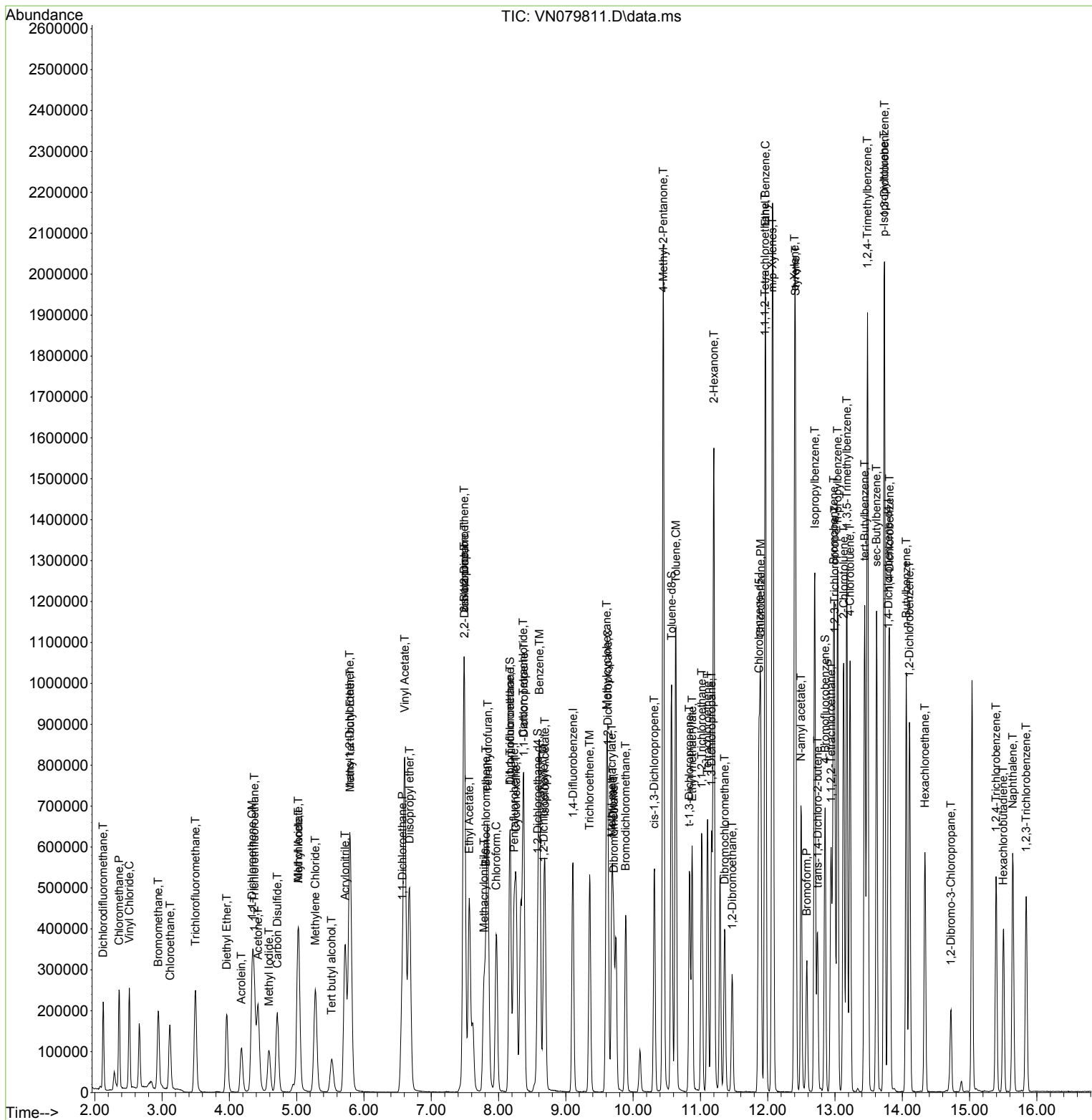
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MSVOA_N
ClientSampleId :

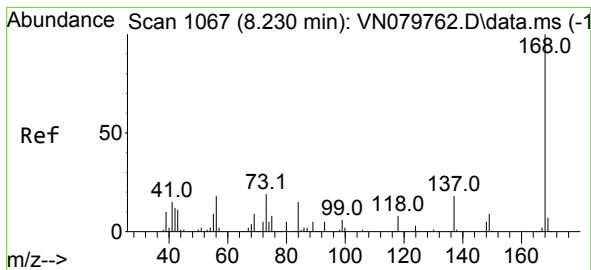
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

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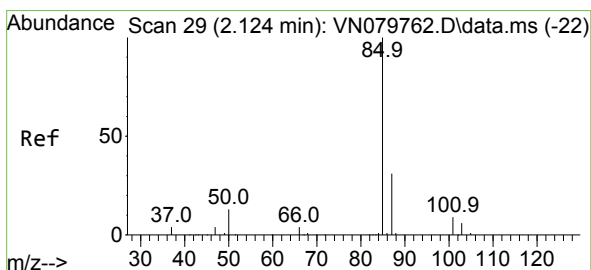
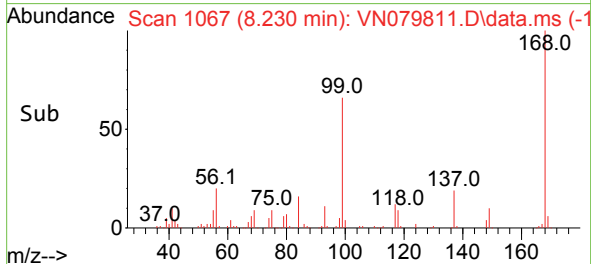
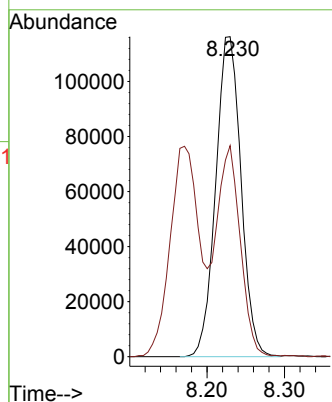
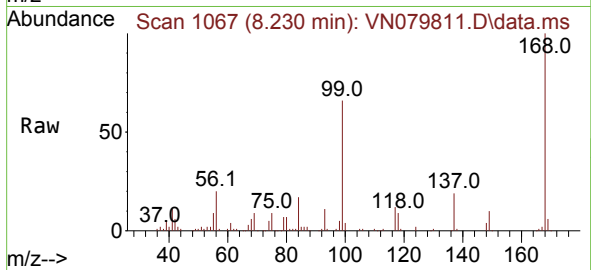
ClientSampleId :

Tgt Ion:168 Resp: 263721

Ion Ratio Lower Upper

168 100

99 65.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 53.477 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079811.D

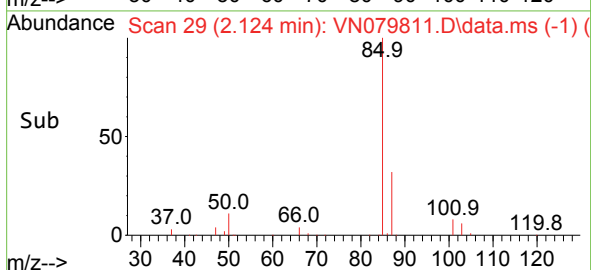
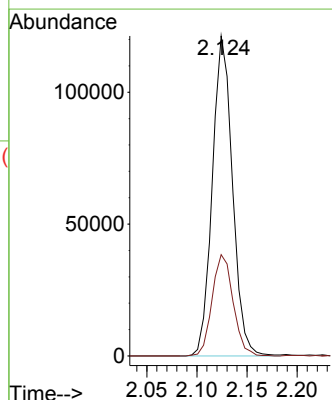
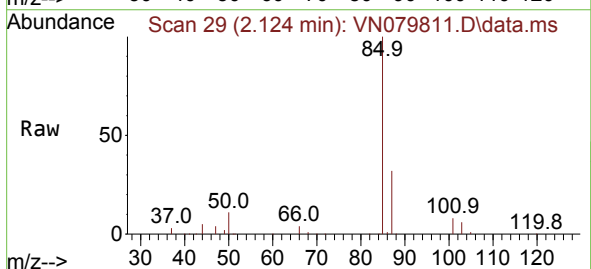
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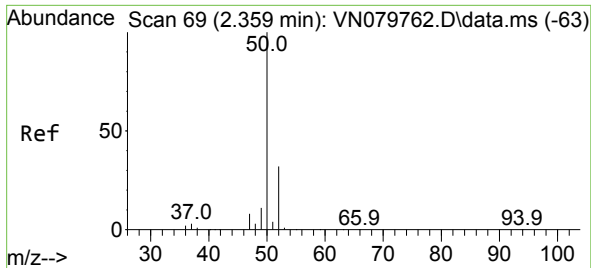
Tgt Ion: 85 Resp: 169875

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4

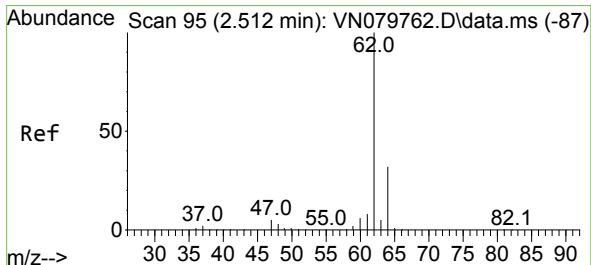
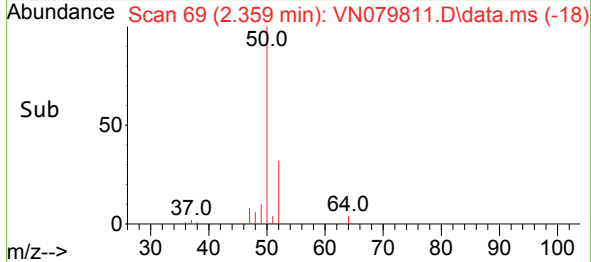
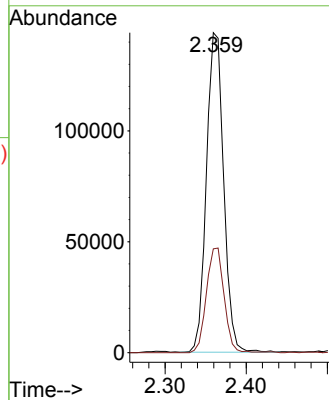
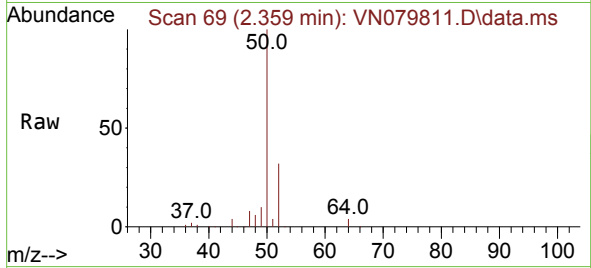




#3
Chloromethane
Concen: 53.947 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079811.D
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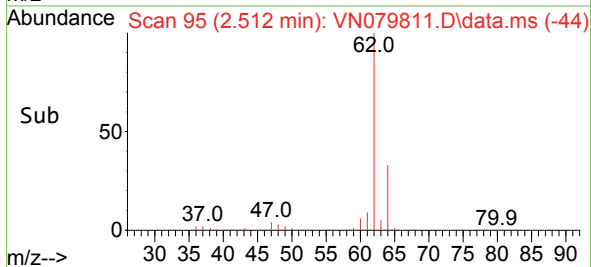
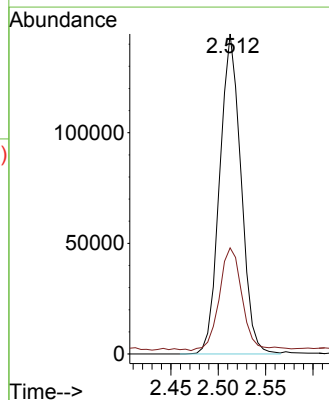
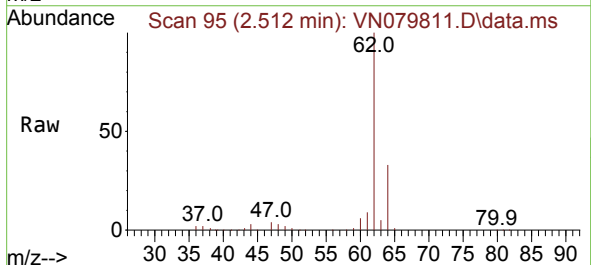
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 212321
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 54.440 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 62 Resp: 226370
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

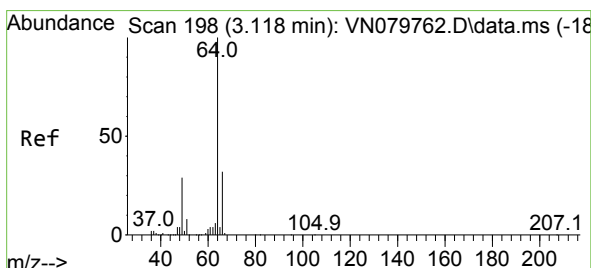
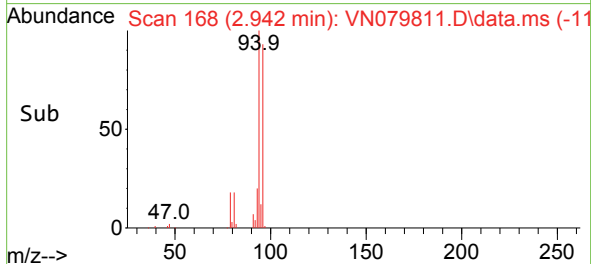
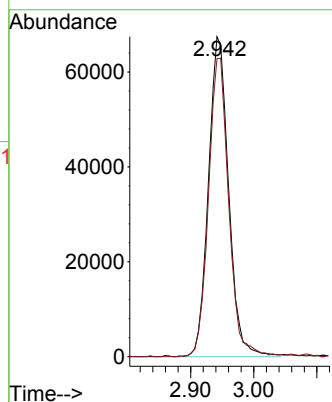
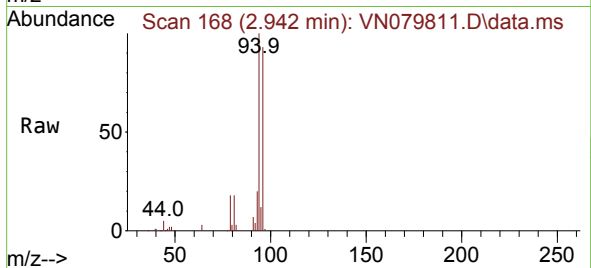




#5
Bromomethane
Concen: 59.316 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

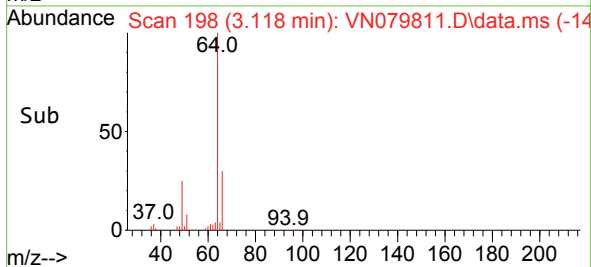
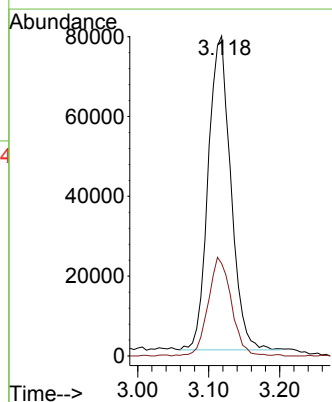
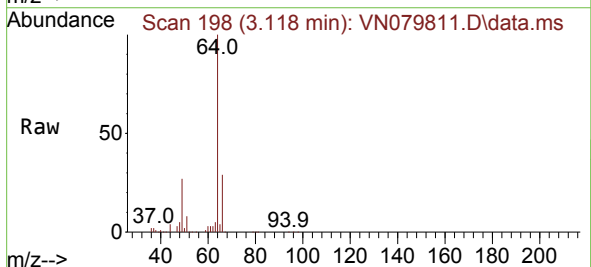
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 149859
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7



#6
Chloroethane
Concen: 52.806 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 64 Resp: 173496
Ion Ratio Lower Upper
64 100
66 29.2 25.4 38.2

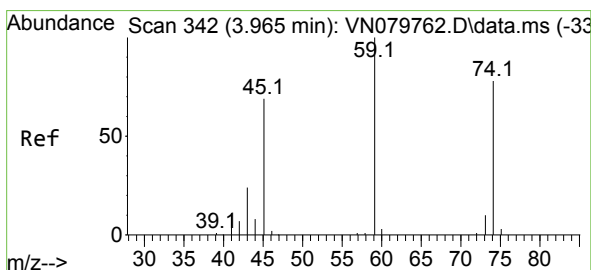
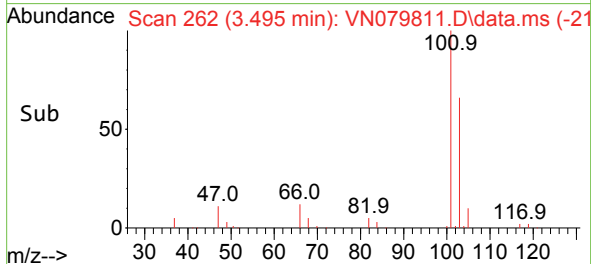
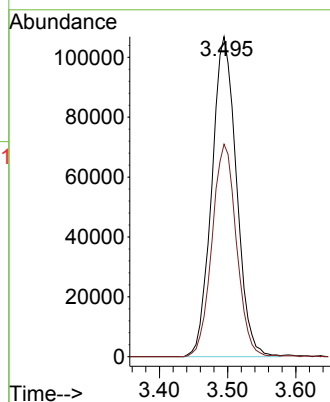
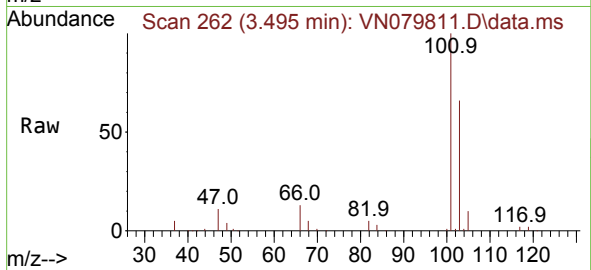




#7
 Trichlorofluoromethane
 Concen: 52.083 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079811.D
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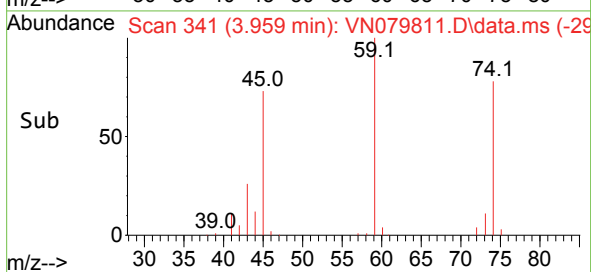
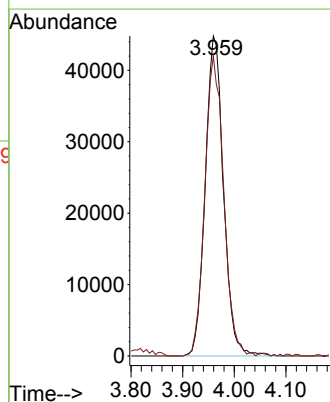
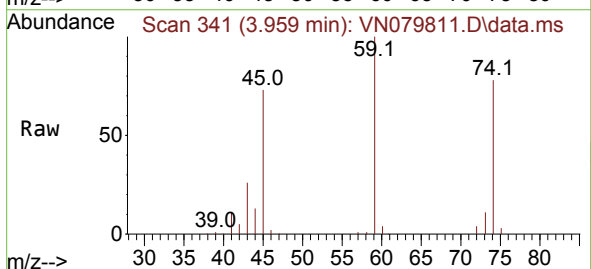
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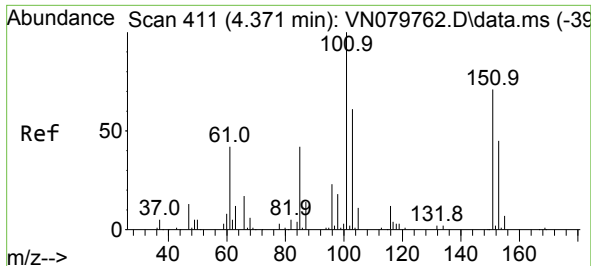
Tgt Ion:101 Resp: 269360
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 55.953 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

Tgt Ion: 74 Resp: 109813
 Ion Ratio Lower Upper
 74 100
 45 97.0 34.4 103.3

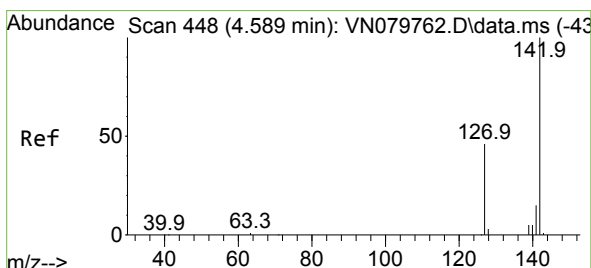
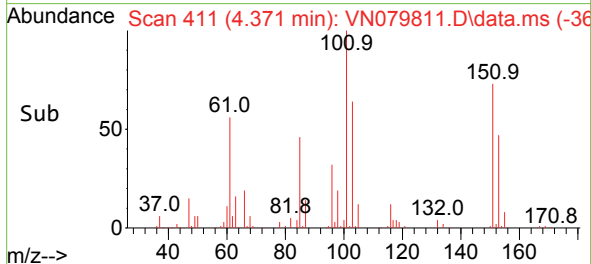
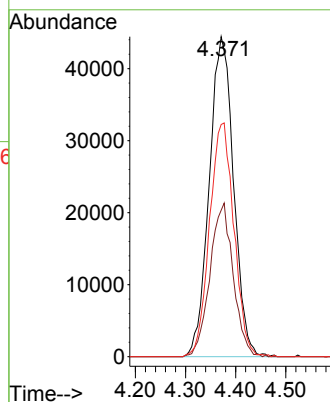
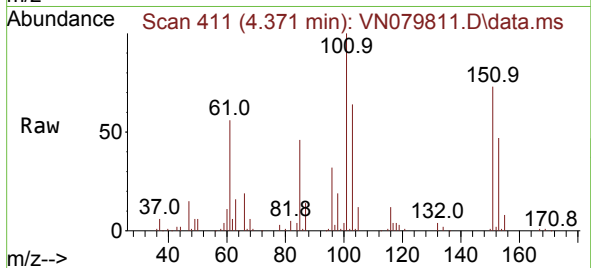




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.938 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079811.D
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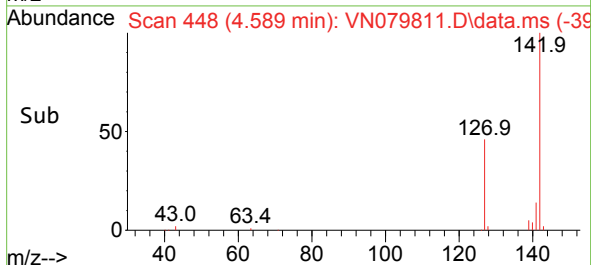
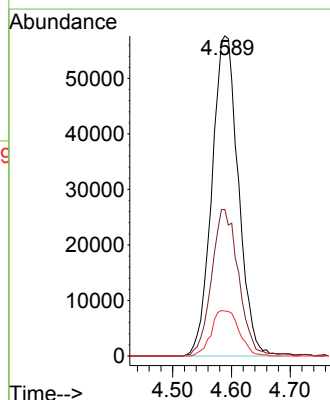
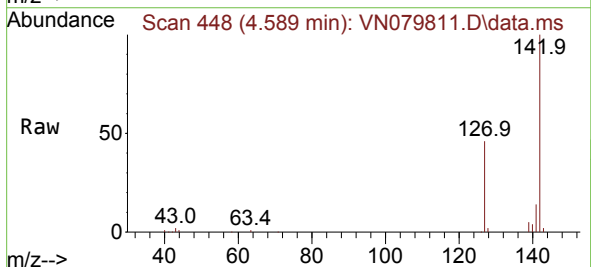
Instrument :
MSVOA_N
ClientSampleId :

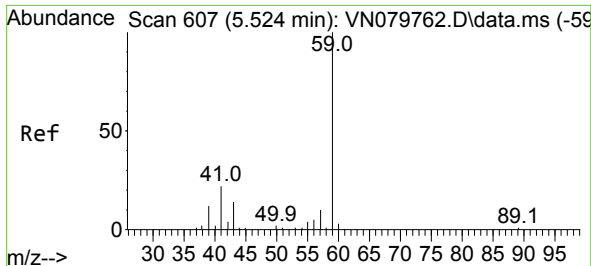
Tgt Ion:101 Resp: 149718
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 73.3 57.6 86.4



#10
Methyl Iodide
Concen: 52.575 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

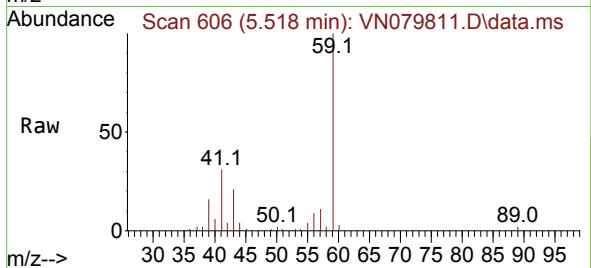
Tgt Ion:142 Resp: 180000
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.1 11.4 17.0



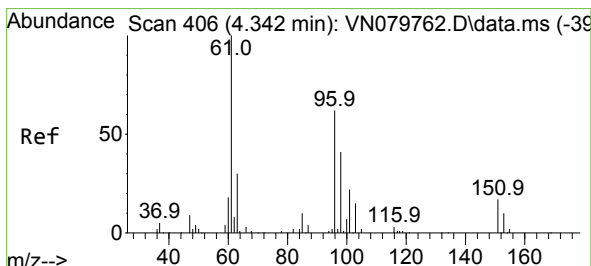
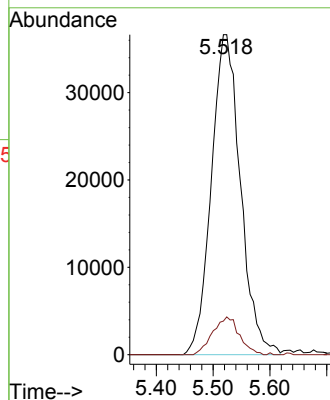
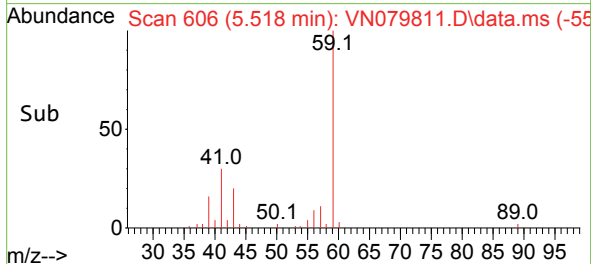


#11
Tert butyl alcohol
Concen: 254.074 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Instrument :
MSVOA_N
ClientSampleId :

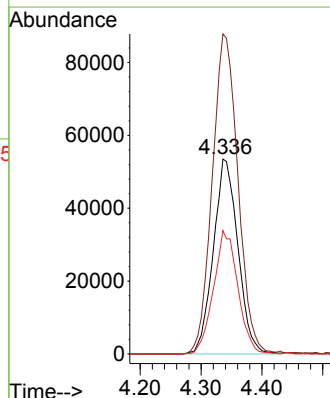
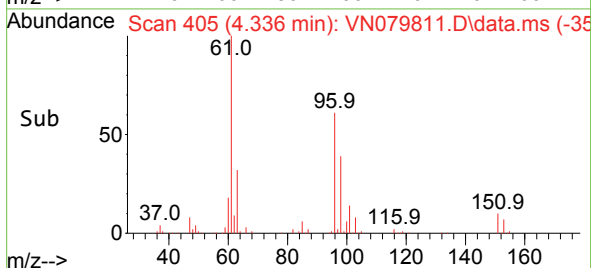
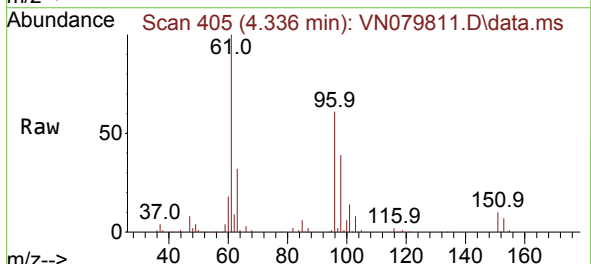


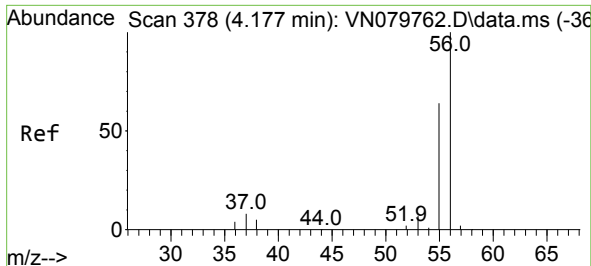
Tgt Ion: 59 Resp: 130314
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.847 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 96 Resp: 150014
Ion Ratio Lower Upper
96 100
61 164.2 112.7 169.1
98 63.3 51.2 76.8





#13

Acrolein

Concen: 402.838 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

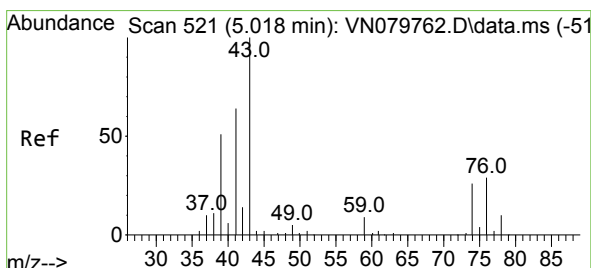
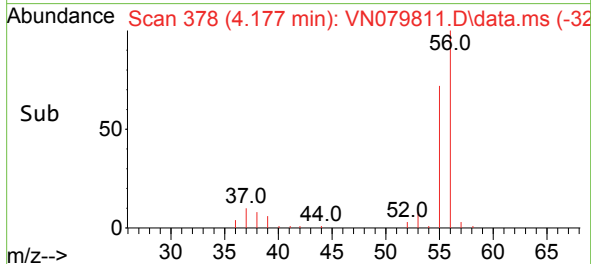
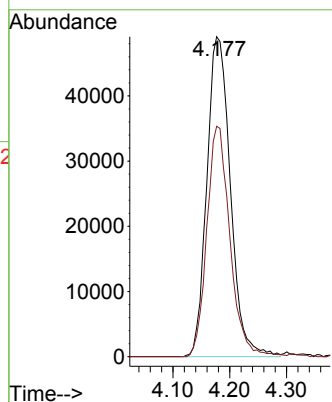
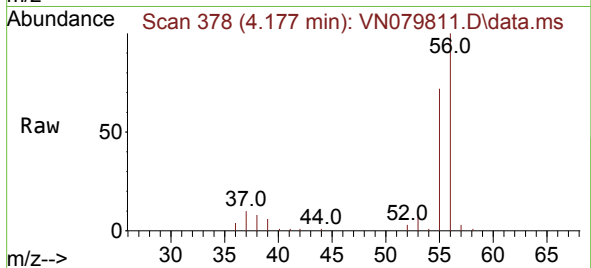
ClientSampleId :

Tgt Ion: 56 Resp: 141351

Ion Ratio Lower Upper

56 100

55 70.4 54.5 81.7



#14

Allyl chloride

Concen: 63.931 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

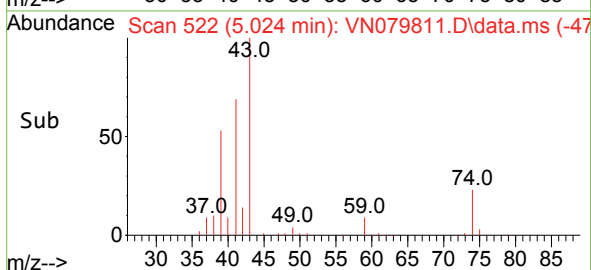
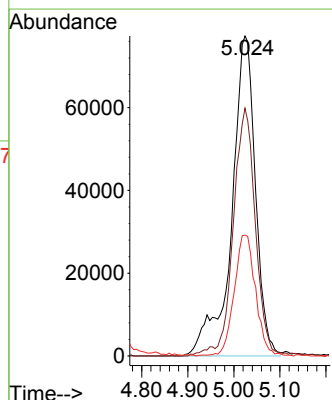
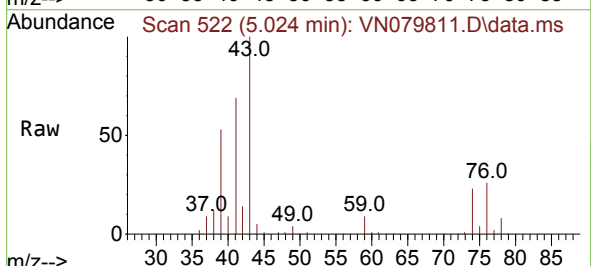
Tgt Ion: 41 Resp: 277960

Ion Ratio Lower Upper

41 100

39 71.8 58.8 88.2

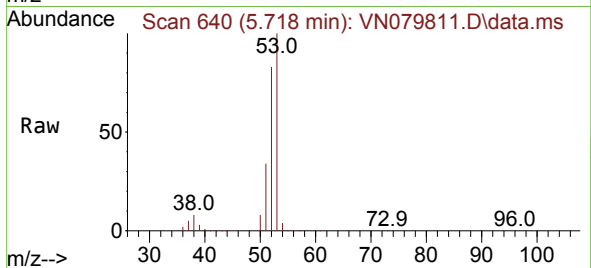
76 33.9 39.1 58.7#



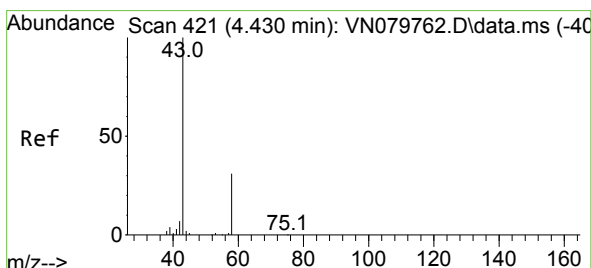
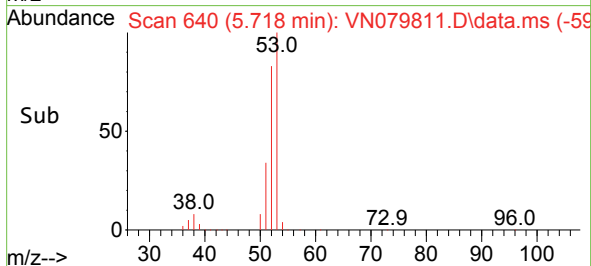
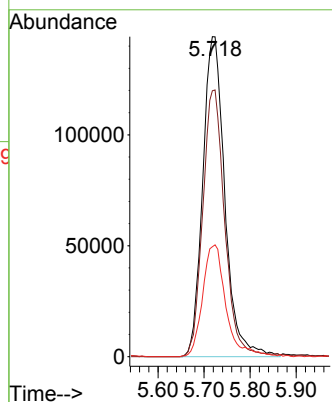


#15
Acrylonitrile
Concen: 302.364 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Instrument :
MSVOA_N
ClientSampleId :

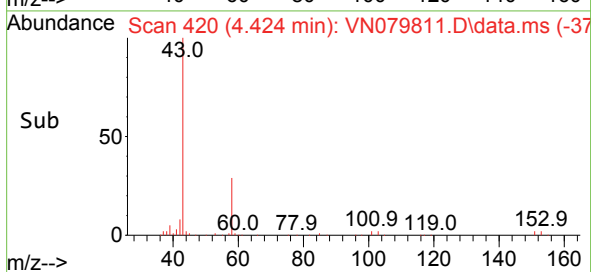
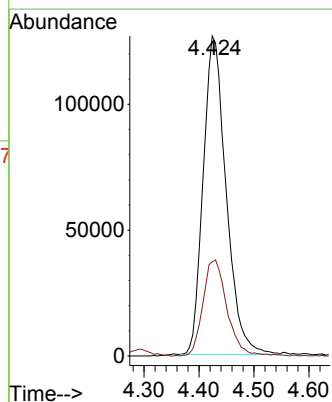
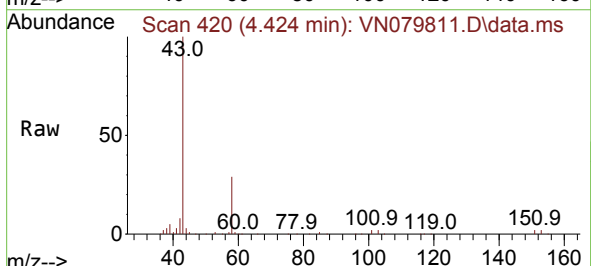


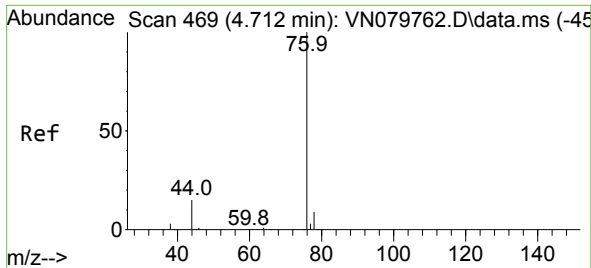
Tgt Ion: 53 Resp: 483290
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 260.161 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 43 Resp: 367170
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0

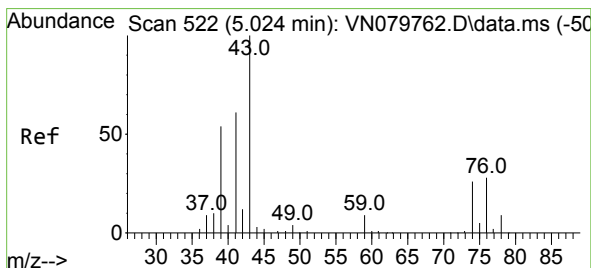
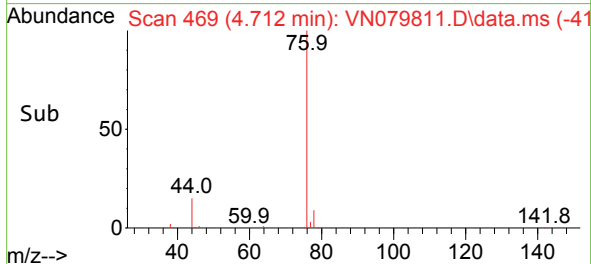
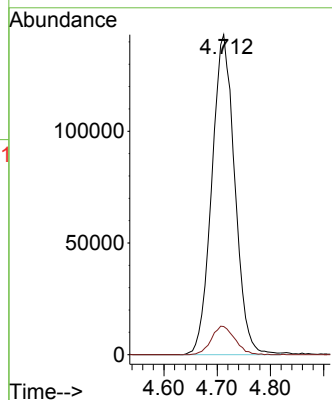
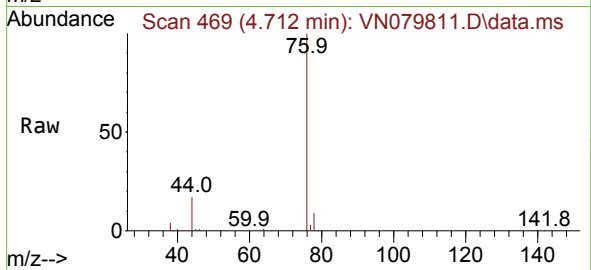




#17
Carbon Disulfide
Concen: 52.346 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

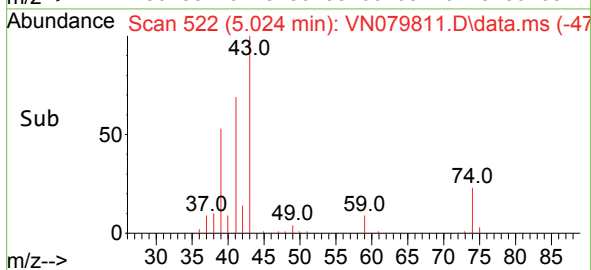
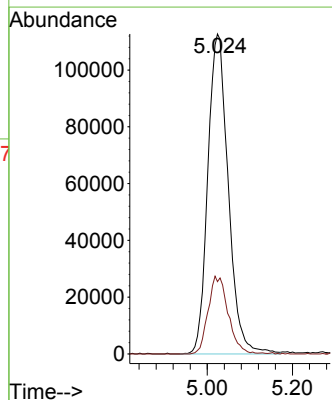
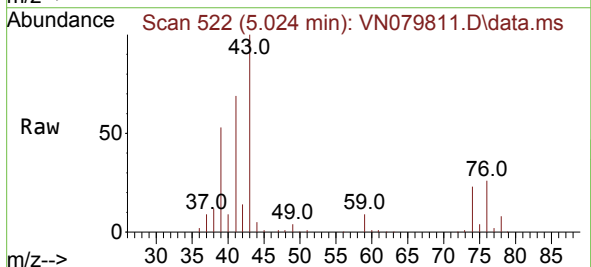
Instrument :
MSVOA_N
ClientSampleId :

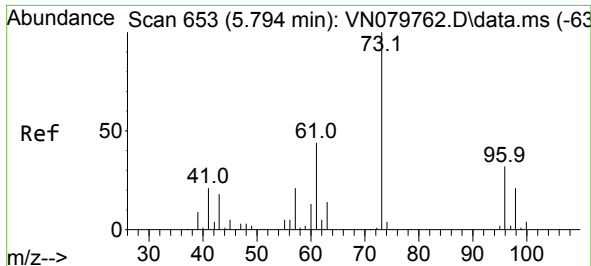
Tgt Ion: 76 Resp: 428617
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 55.588 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 43 Resp: 375338
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

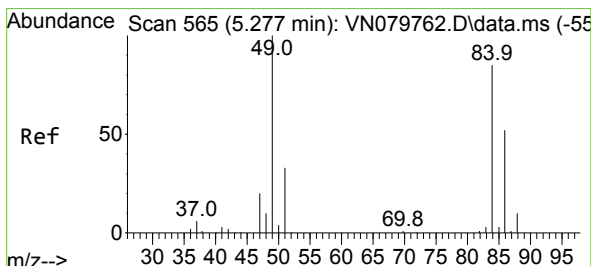
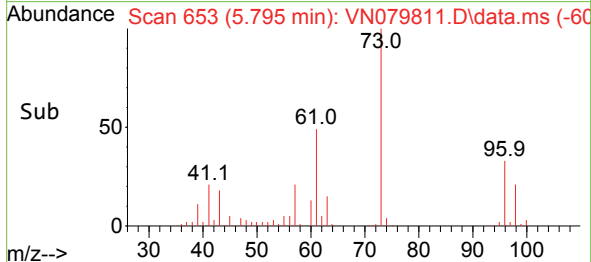
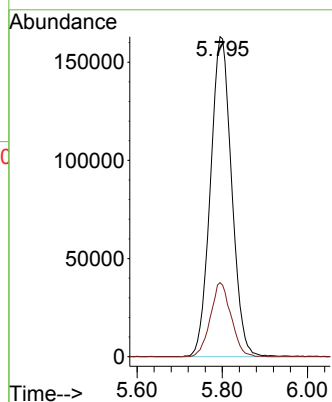
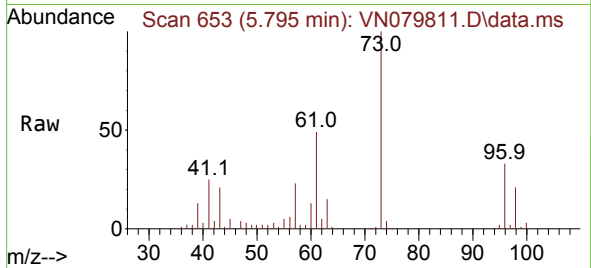




#19
Methyl tert-butyl Ether
Concen: 57.585 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

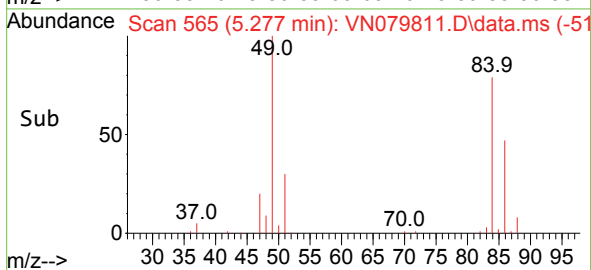
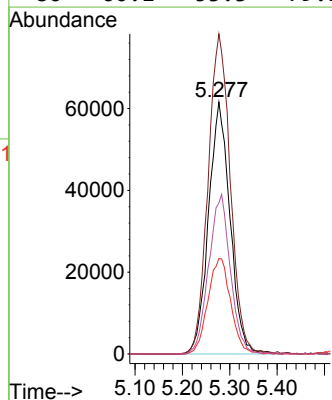
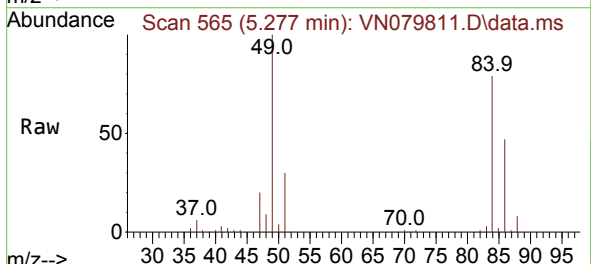
Instrument :
MSVOA_N
ClientSampleId :

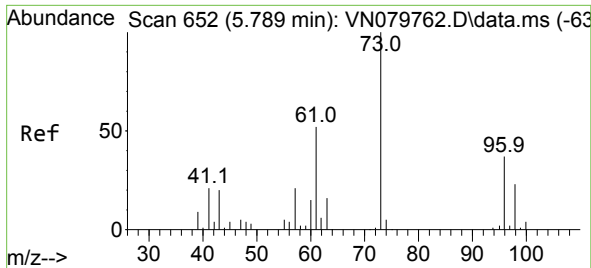
Tgt Ion: 73 Resp: 562784
Ion Ratio Lower Upper
73 100
57 23.2 15.6 23.4



#20
Methylene Chloride
Concen: 54.603 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 84 Resp: 194447
Ion Ratio Lower Upper
84 100
49 127.0 79.7 119.5#
51 37.9 25.2 37.8#
86 60.1 53.3 79.9

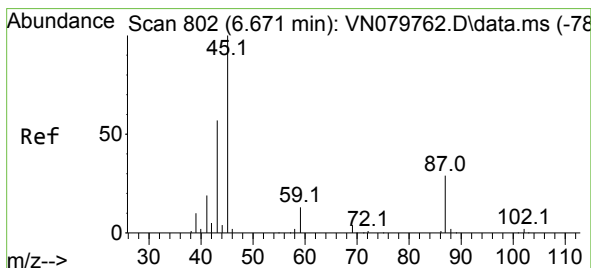
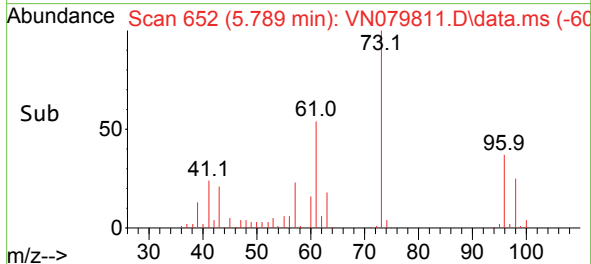
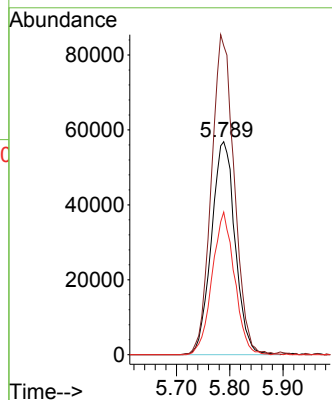
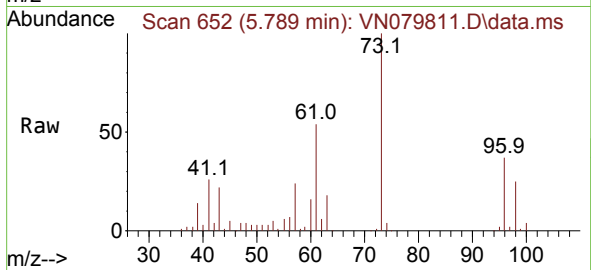




#21
trans-1,2-Dichloroethene
Concen: 55.495 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

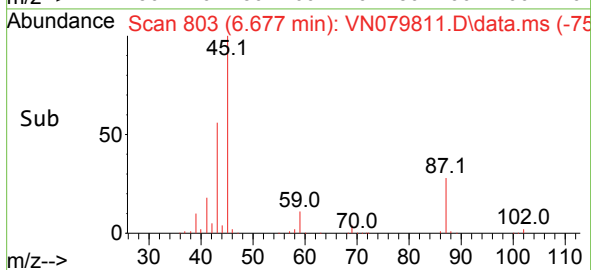
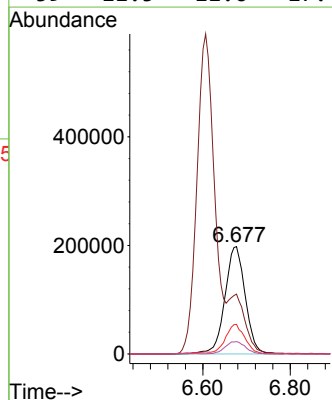
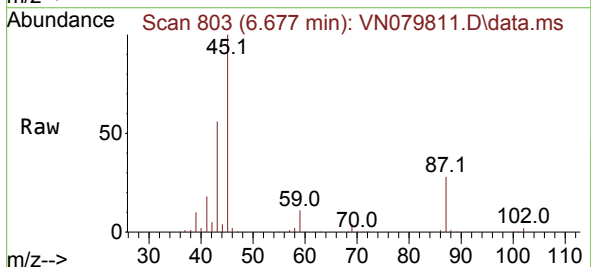
Instrument :
MSVOA_N
ClientSampleId :

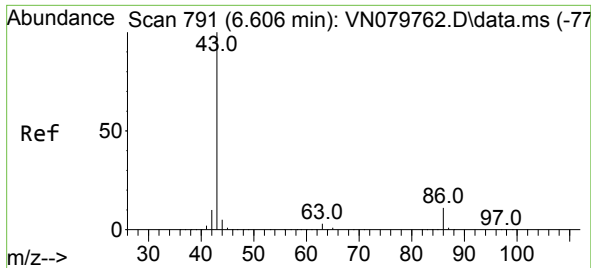
Tgt Ion: 96 Resp: 175692
Ion Ratio Lower Upper
96 100
61 145.1 90.1 135.1#
98 66.9 46.4 69.6



#22
Diisopropyl ether
Concen: 63.294 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 45 Resp: 637727
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 27.4 31.8 47.8#
59 11.5 11.6 17.4#

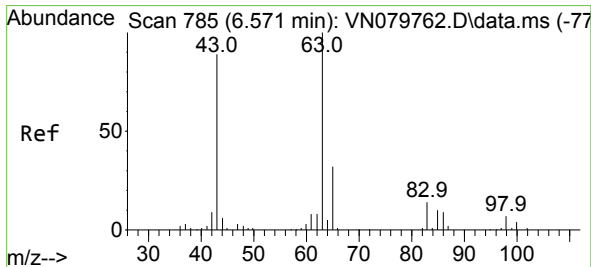
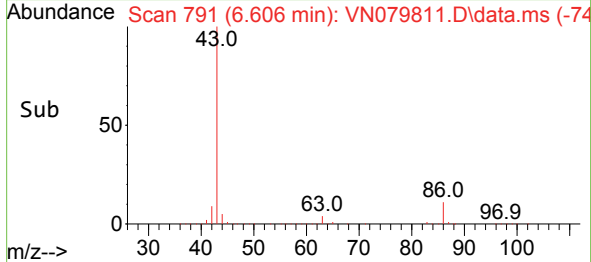
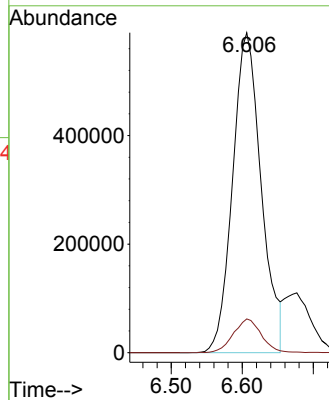
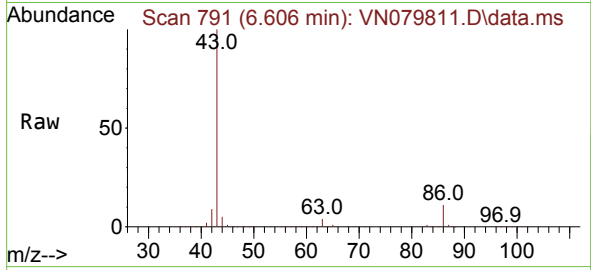




#23
 Vinyl Acetate
 Concen: 297.528 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

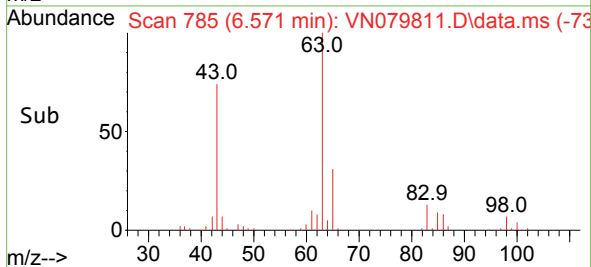
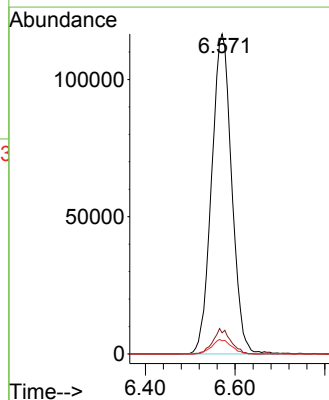
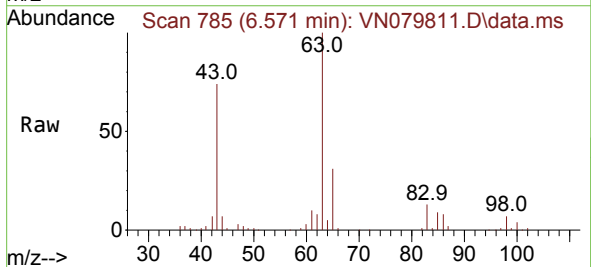
Instrument :
 MSVOA_N
 ClientSampleId :

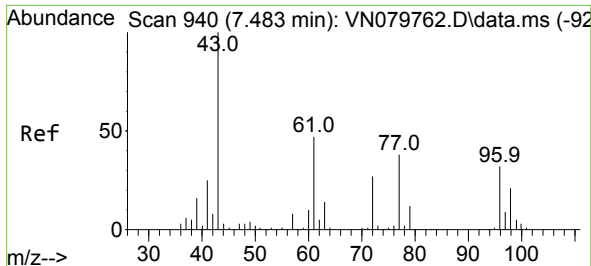
Tgt Ion: 43 Resp: 1653568
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 59.374 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

Tgt Ion: 63 Resp: 363609
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.1 2.5 7.4

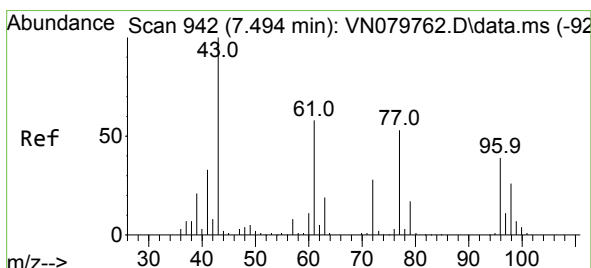
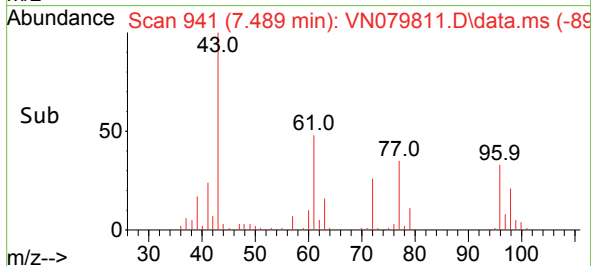
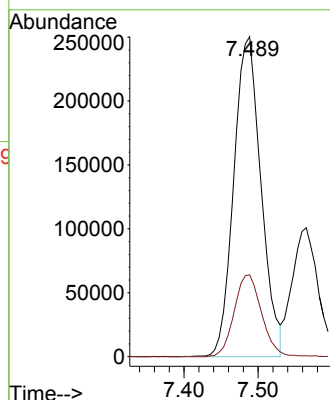
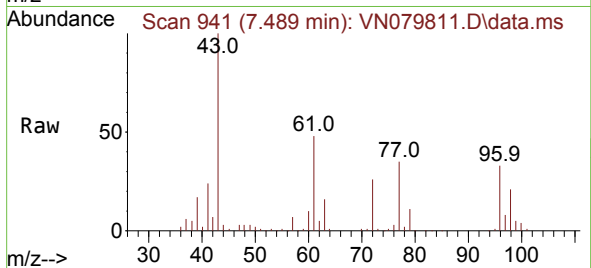




#25
2-Butanone
Concen: 309.612 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

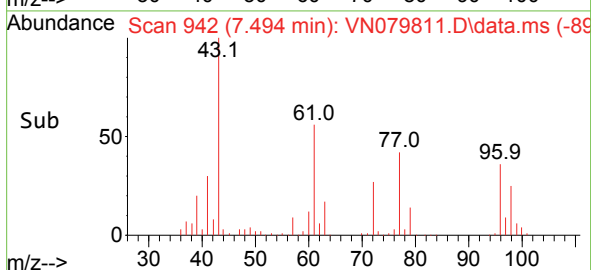
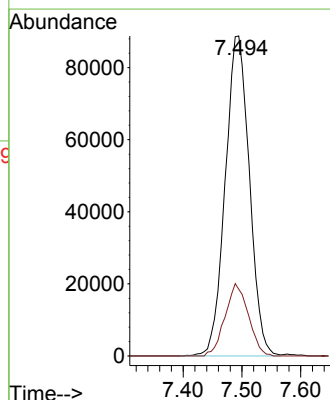
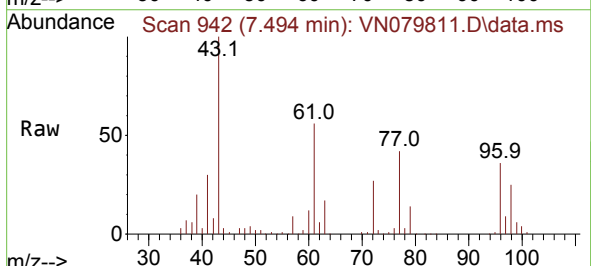
Instrument :
MSVOA_N
ClientSampleId :

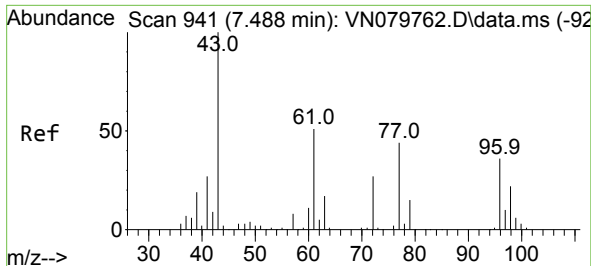
Tgt Ion: 43 Resp: 639868
Ion Ratio Lower Upper
43 100
72 25.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 50.009 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

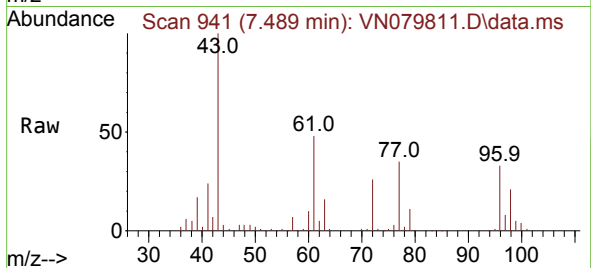
Tgt Ion: 77 Resp: 253284
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6



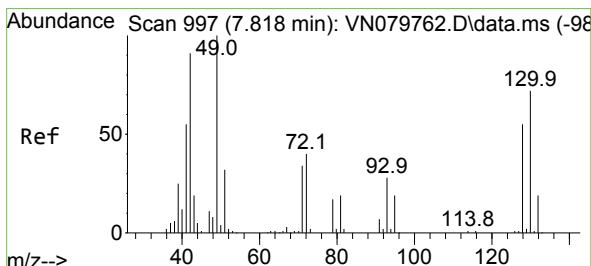
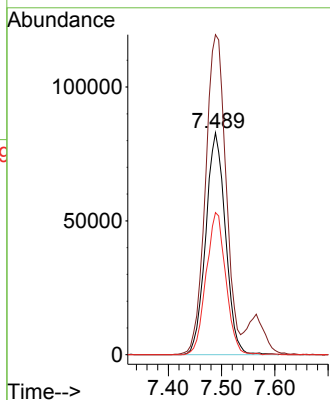
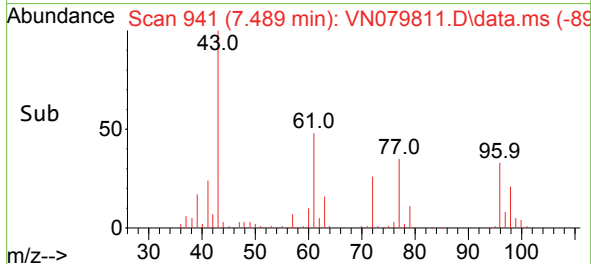


#27
cis-1,2-Dichloroethene
Concen: 56.453 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Instrument :
MSVOA_N
ClientSampleId :

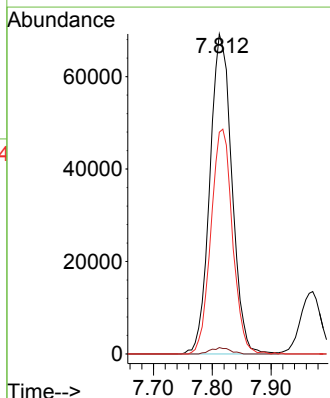
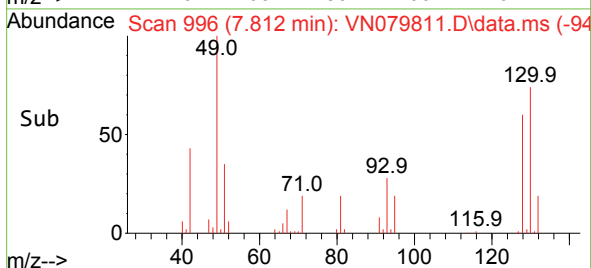
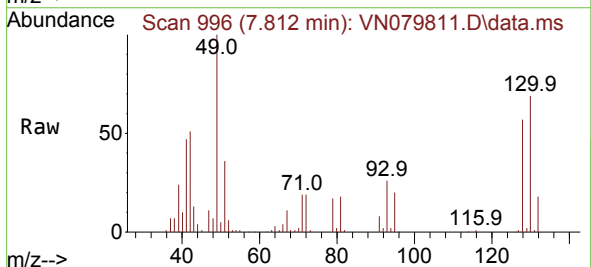


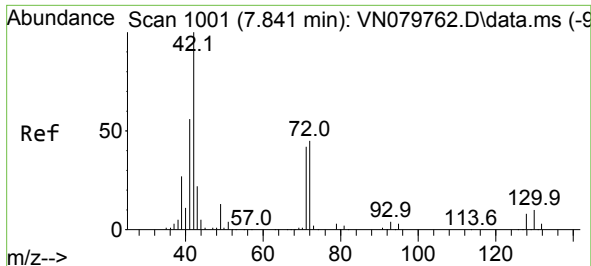
Tgt Ion: 96 Resp: 213787
Ion Ratio Lower Upper
96 100
61 149.1 0.0 255.2
98 63.8 0.0 128.8



#28
Bromochloromethane
Concen: 60.441 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 49 Resp: 180384
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 68.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 321.431 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

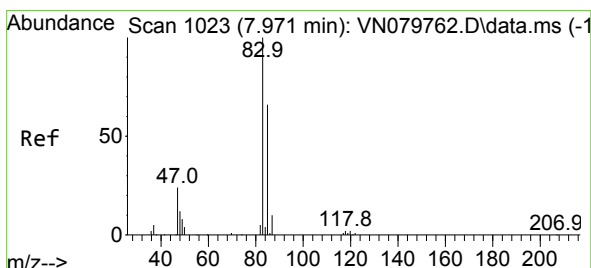
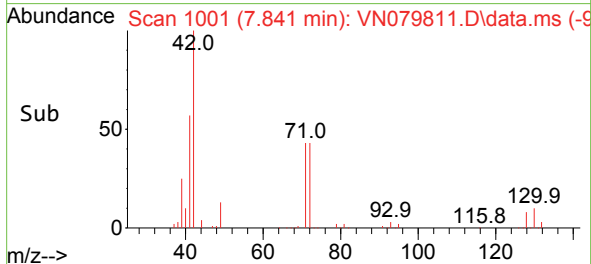
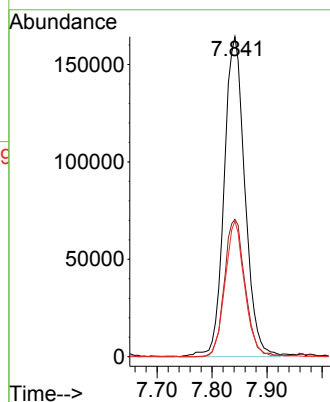
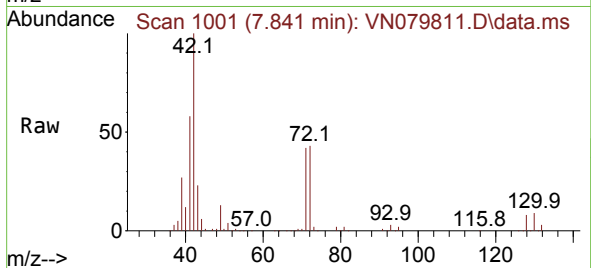
Tgt Ion: 42 Resp: 432198

Ion Ratio Lower Upper

42 100

72 42.7 49.8 74.6#

71 40.1 47.4 71.2#



#30

Chloroform

Concen: 56.143 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079811.D

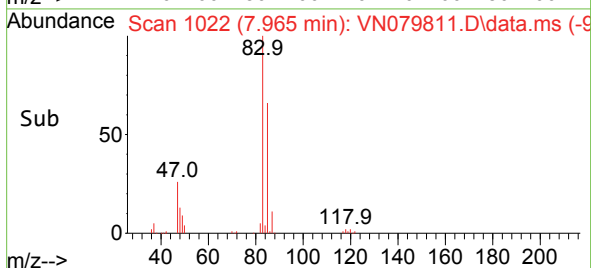
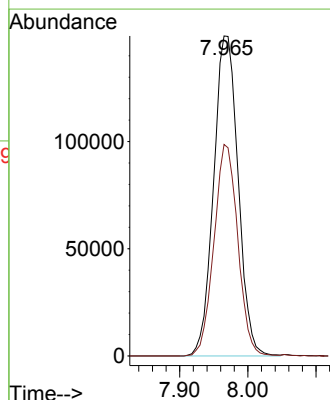
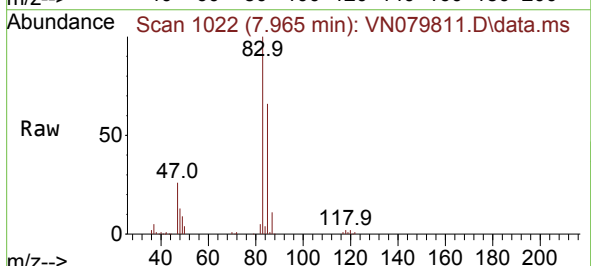
Acq: 02 Nov 2023 20:45

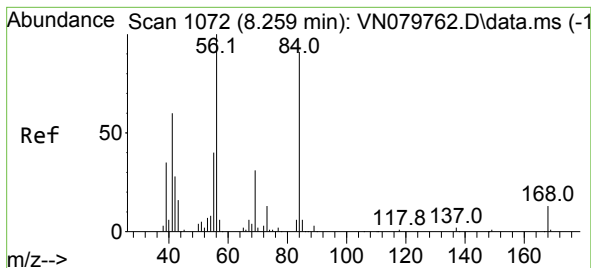
Tgt Ion: 83 Resp: 373469

Ion Ratio Lower Upper

83 100

85 66.1 55.4 83.0





#31

Cyclohexane

Concen: 52.151 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

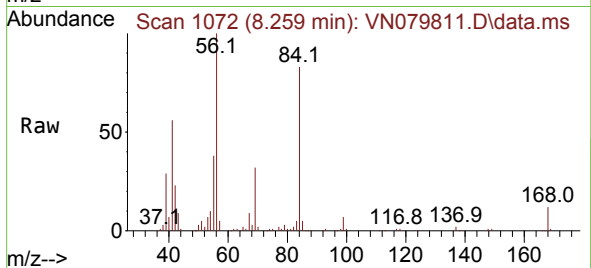
Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :



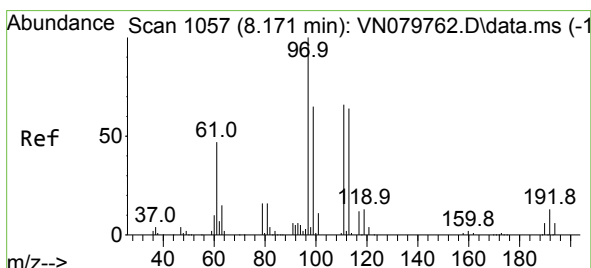
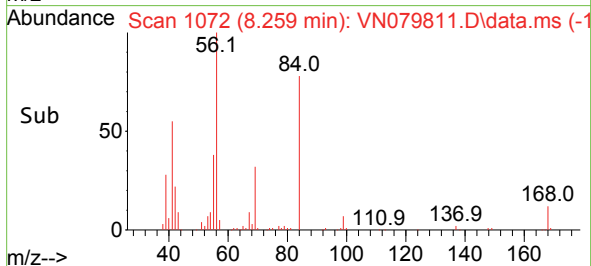
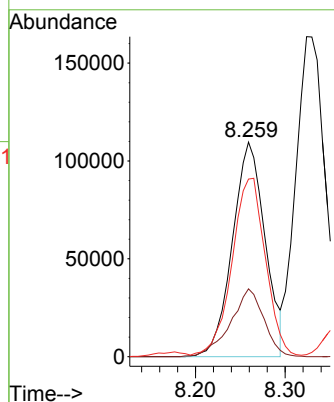
Tgt Ion: 56 Resp: 276884

Ion Ratio Lower Upper

56 100

69 31.6 26.8 40.2

84 81.1 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 57.216 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

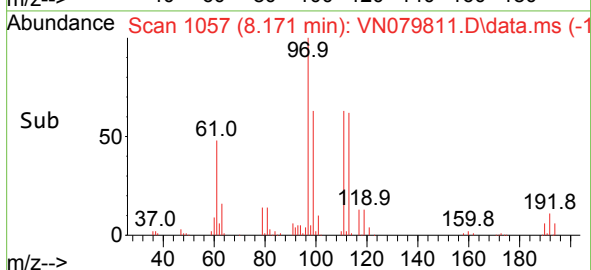
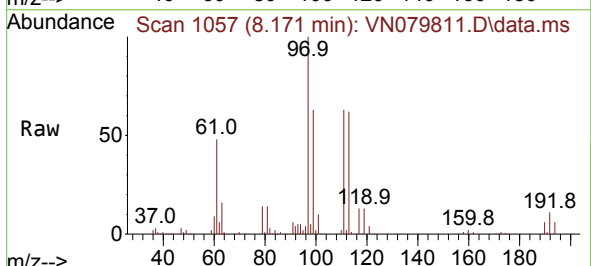
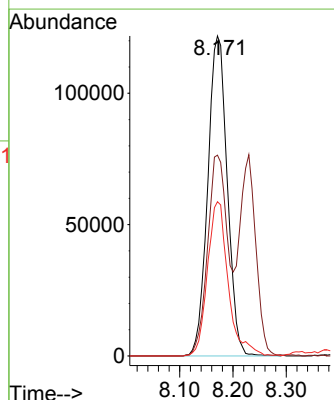
Tgt Ion: 97 Resp: 310119

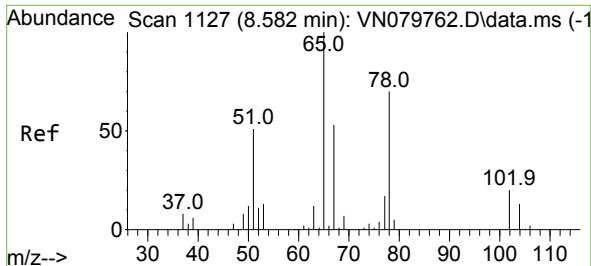
Ion Ratio Lower Upper

97 100

99 64.5 50.3 75.5

61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 59.076 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

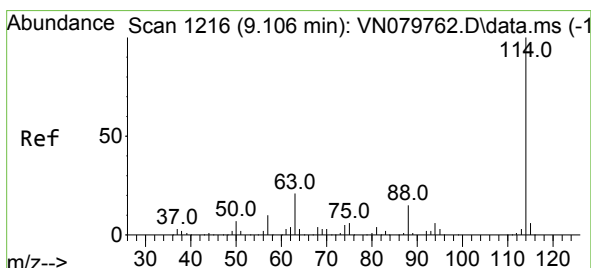
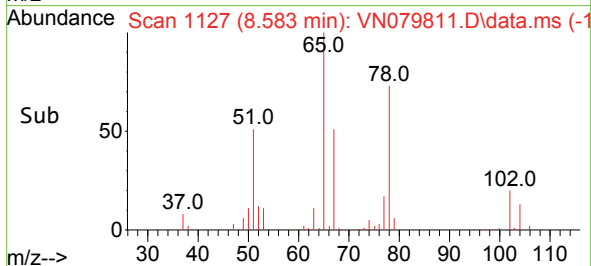
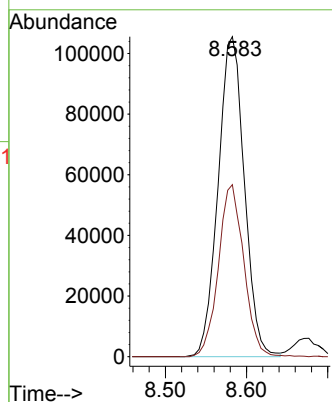
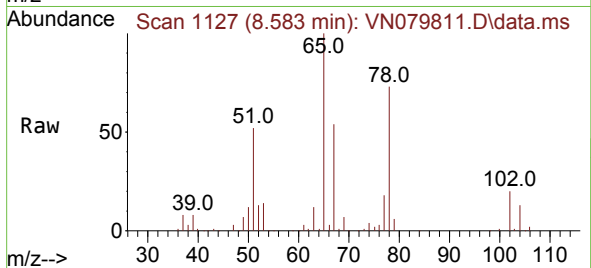
ClientSampleId :

Tgt Ion: 65 Resp: 237362

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

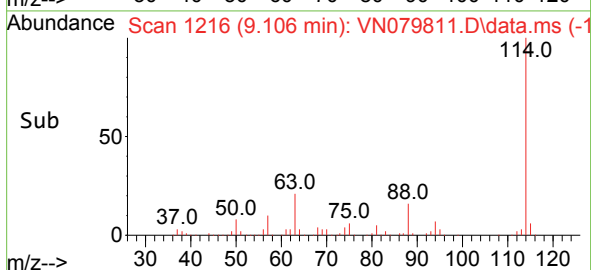
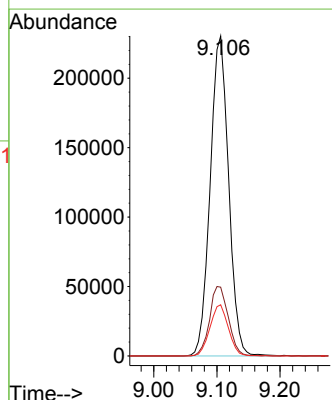
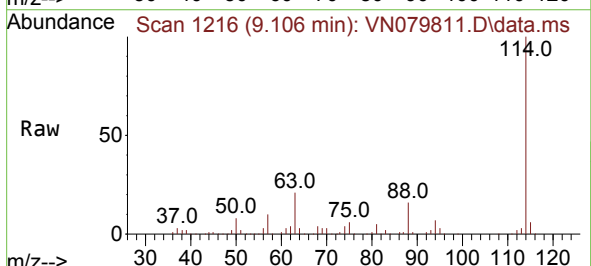
Tgt Ion: 114 Resp: 467108

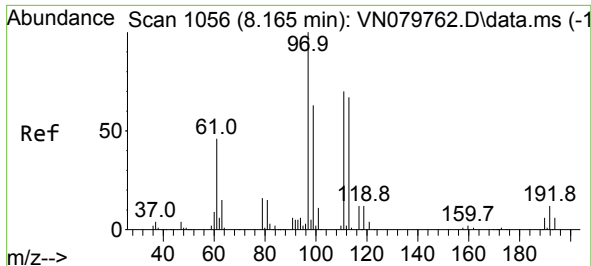
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.0 0.0 30.6

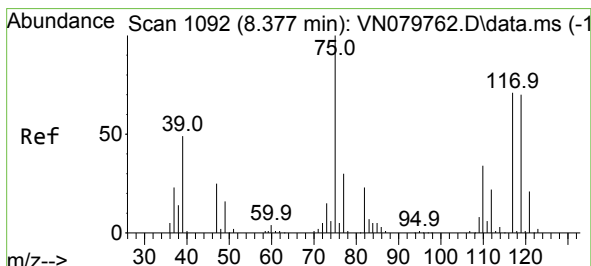
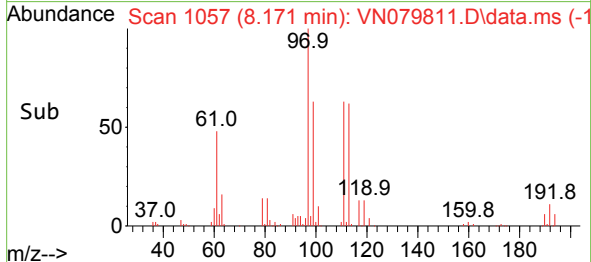
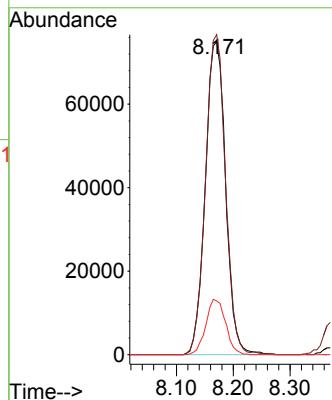
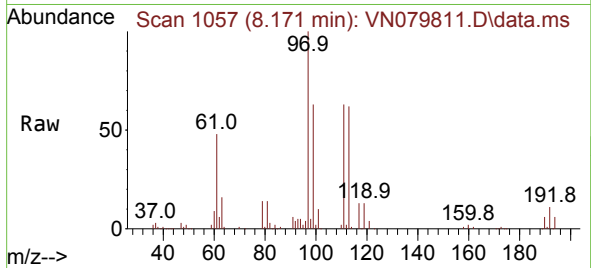




#35
Dibromofluoromethane
Concen: 56.258 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

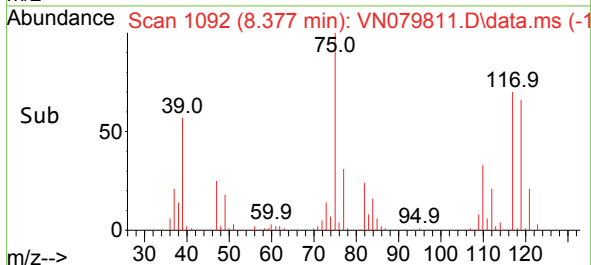
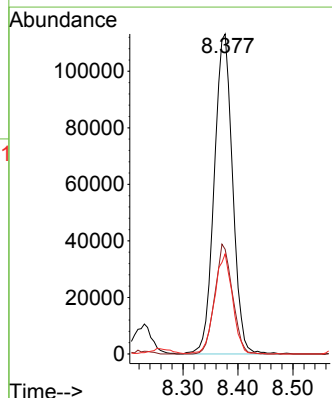
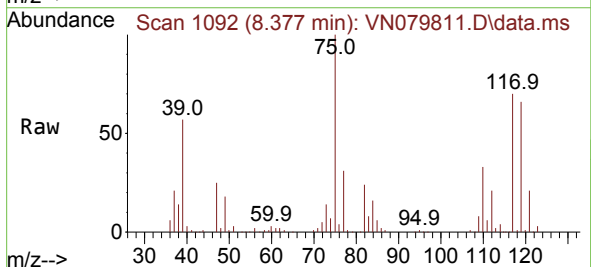
Instrument :
MSVOA_N
ClientSampleId :

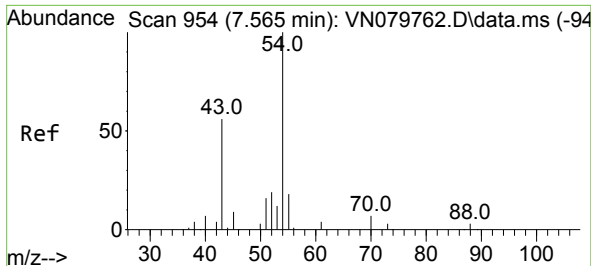
Tgt Ion:113 Resp: 185990
Ion Ratio Lower Upper
113 100
111 100.6 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 55.705 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 75 Resp: 262949
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 30.8 25.0 37.4

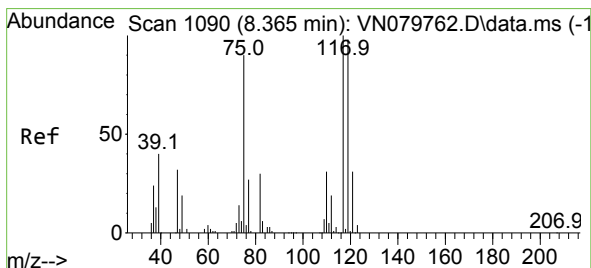
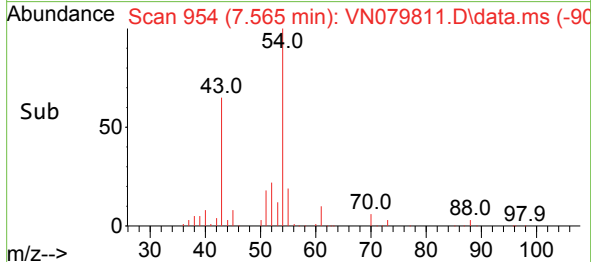
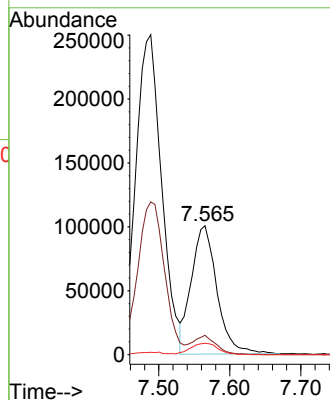
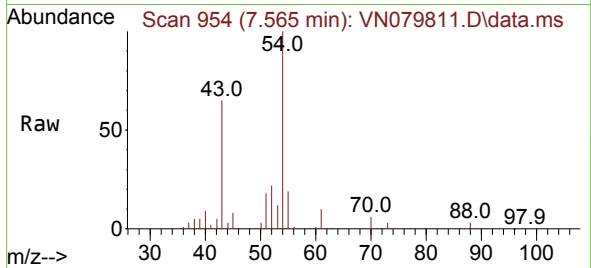




#37
Ethyl Acetate
Concen: 58.462 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

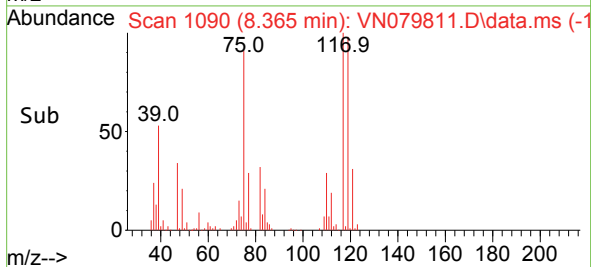
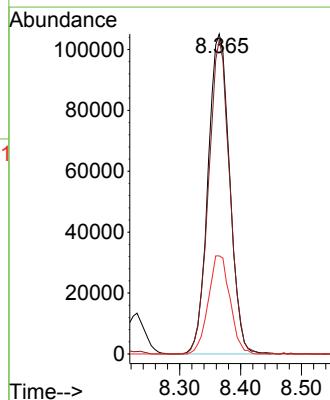
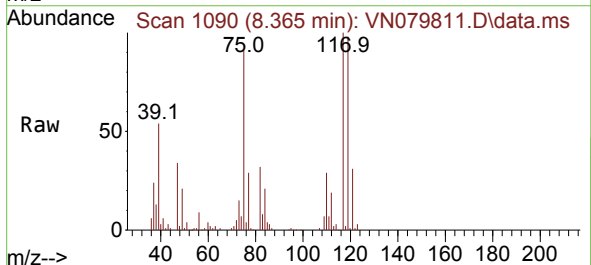
Instrument :
MSVOA_N
ClientSampleId :

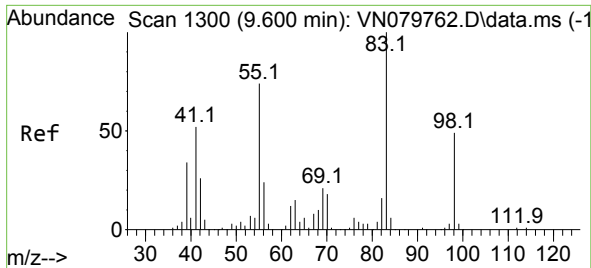
Tgt Ion: 43 Resp: 253091
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 9.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 54.450 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 117 Resp: 259037
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 54.528 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

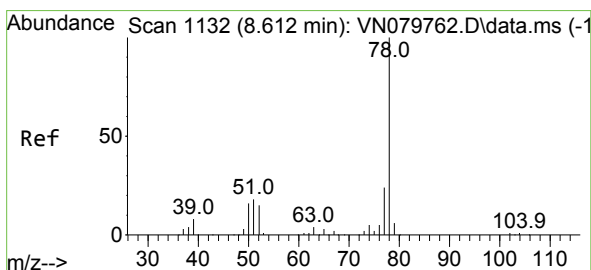
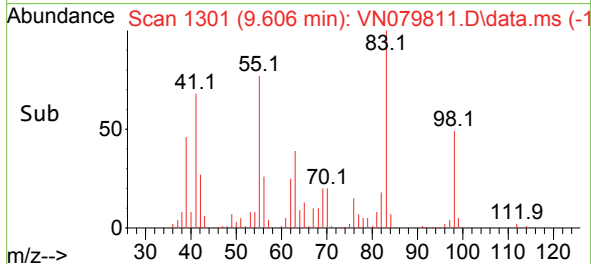
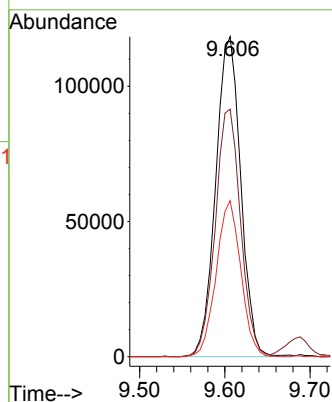
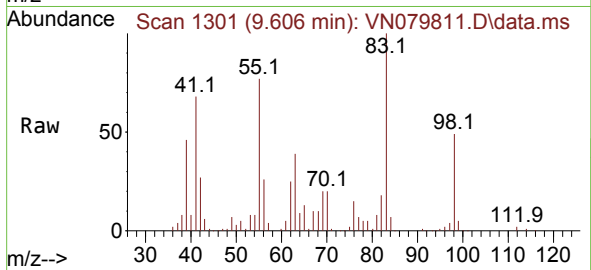
Tgt Ion: 83 Resp: 242231

Ion Ratio Lower Upper

83 100

55 77.4 49.1 73.7#

98 48.8 40.6 61.0



#40

Benzene

Concen: 57.625 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079811.D

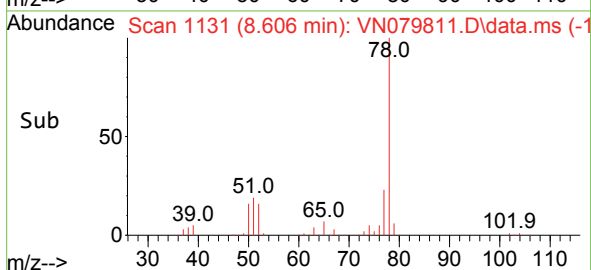
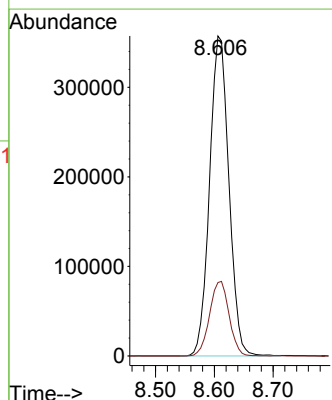
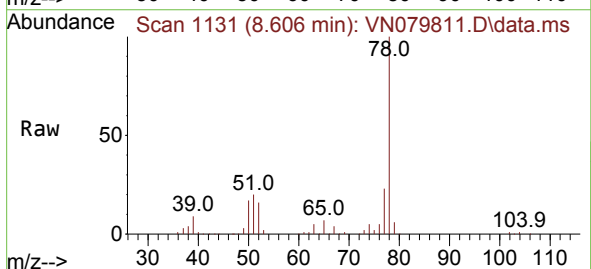
Acq: 02 Nov 2023 20:45

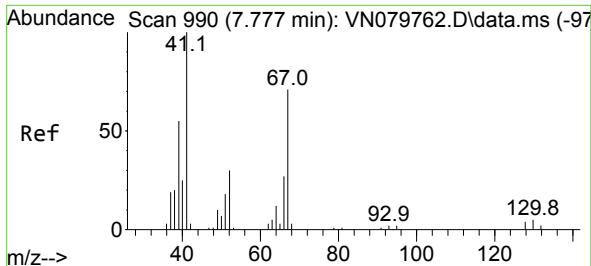
Tgt Ion: 78 Resp: 814726

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

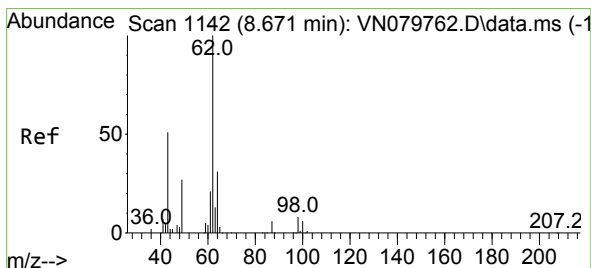
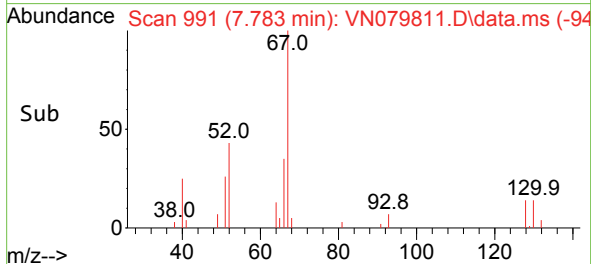
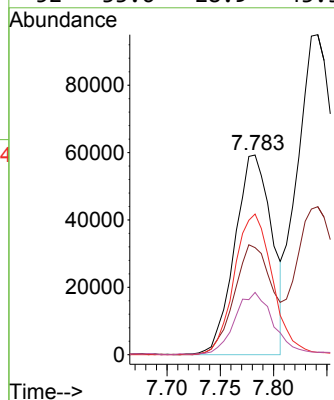
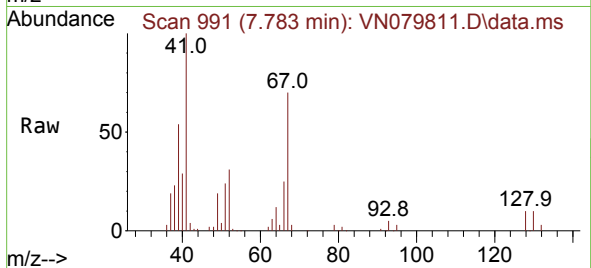




#41
Methacrylonitrile
Concen: 62.681 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

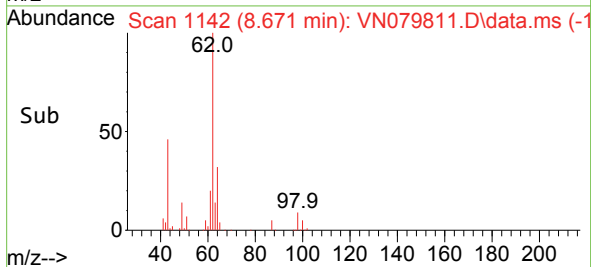
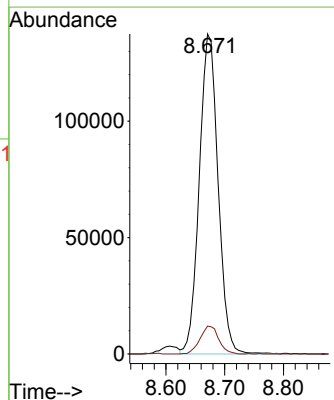
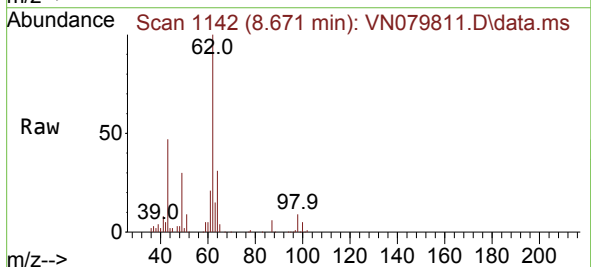
Instrument :
MSVOA_N
ClientSampleId :

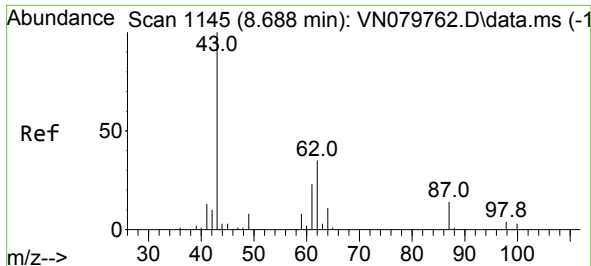
Tgt Ion: 41	Resp: 144097
Ion Ratio	Lower Upper
41 100	
39 55.8	42.6 64.0
67 72.6	77.5 116.3#
52 33.6	28.9 43.3



#42
1,2-Dichloroethane
Concen: 61.927 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 62	Resp: 305832
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.8

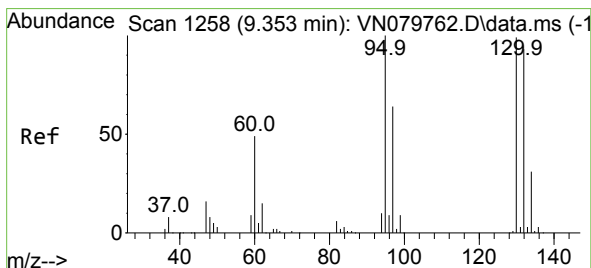
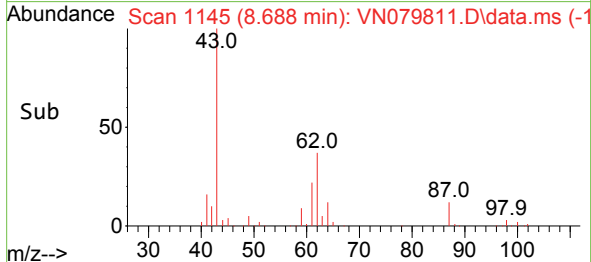
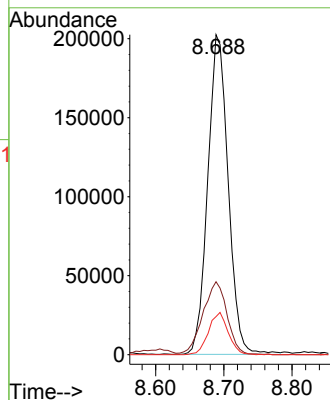
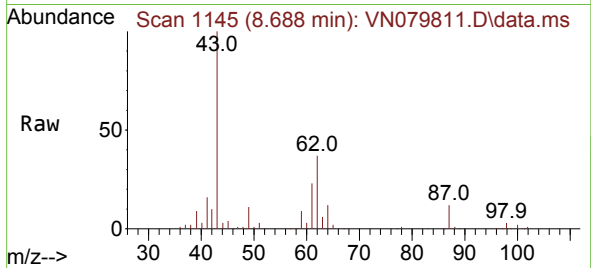




#43
Isopropyl Acetate
Concen: 55.656 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

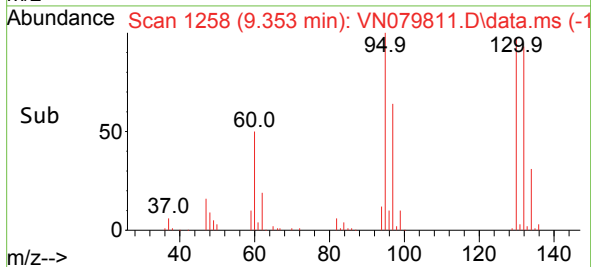
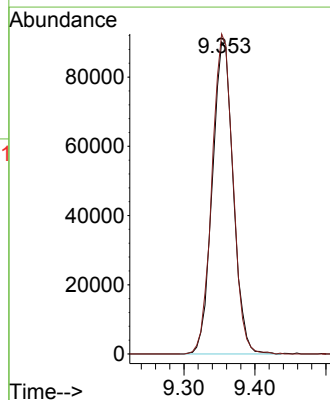
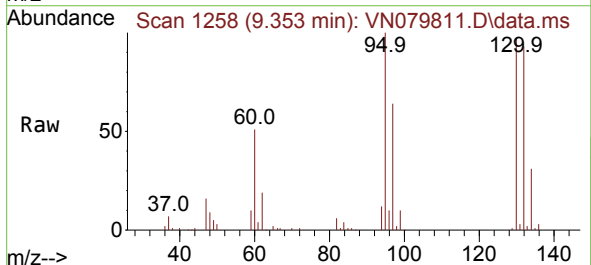
Instrument :
MSVOA_N
ClientSampleId :

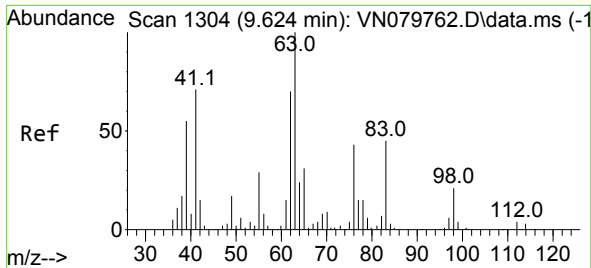
Tgt Ion: 43 Resp: 422545
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 12.7 14.6 21.8#



#44
Trichloroethene
Concen: 52.425 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion:130 Resp: 183925
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6

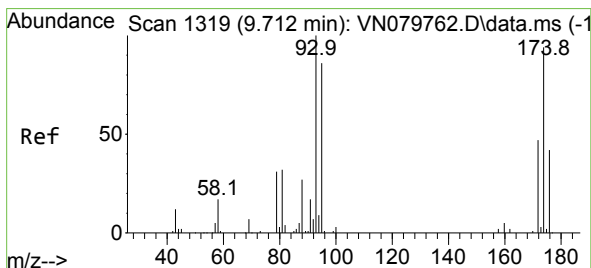
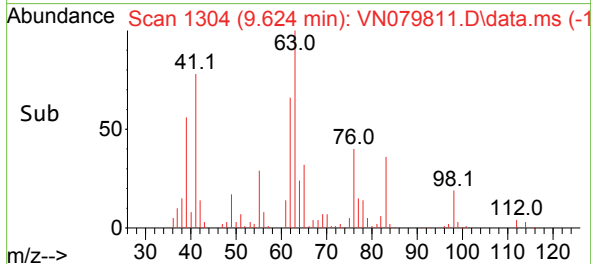
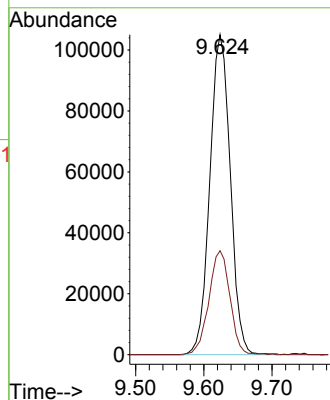
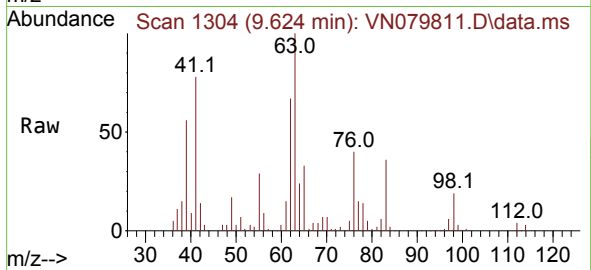




#45
1,2-Dichloropropane
Concen: 60.761 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

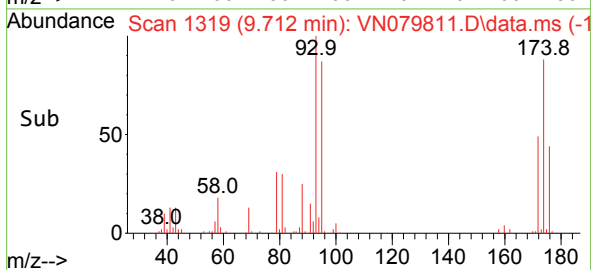
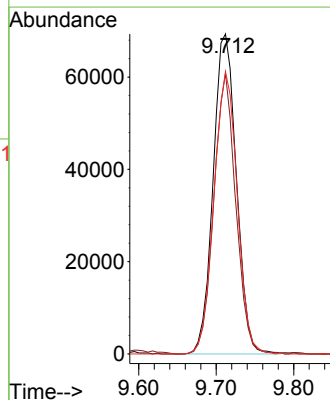
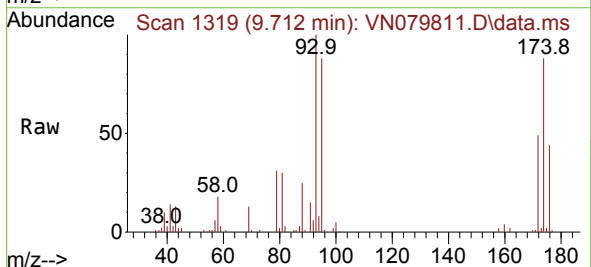
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 219538
Ion Ratio Lower Upper
63 100
65 32.5 23.9 35.9



#46
Dibromomethane
Concen: 58.594 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

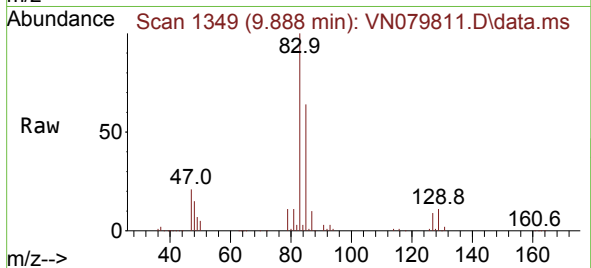
Tgt Ion: 93 Resp: 144557
Ion Ratio Lower Upper
93 100
95 82.8 63.8 95.8
174 88.4 65.6 98.4



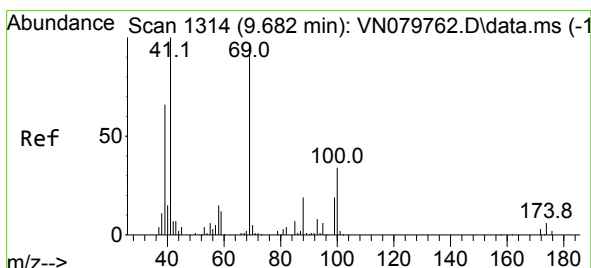
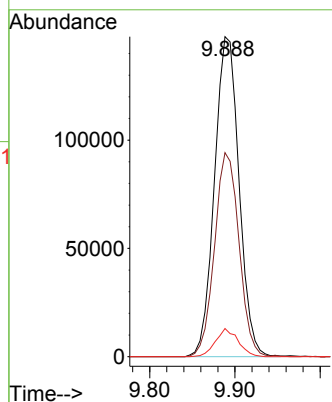
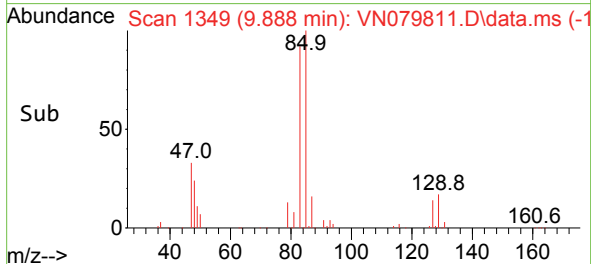


#47
Bromodichloromethane
Concen: 56.274 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Instrument :
MSVOA_N
ClientSampleId :

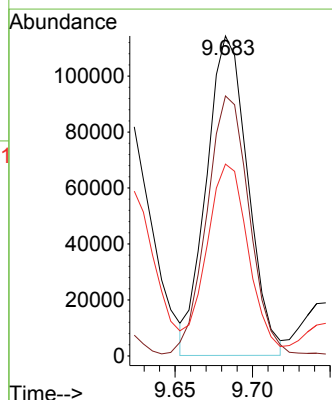
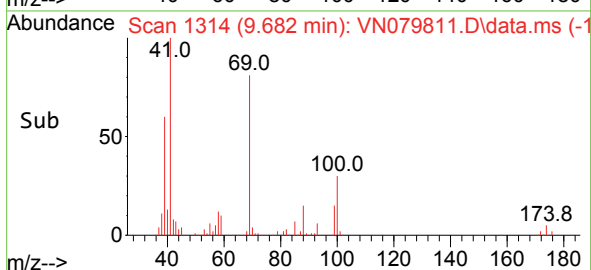
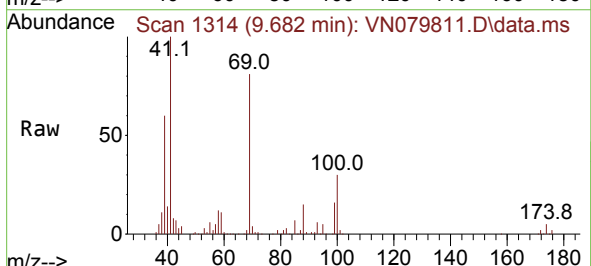


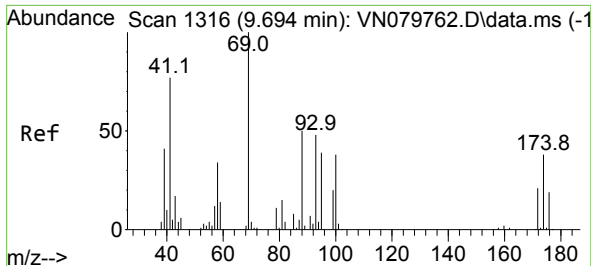
Tgt Ion: 83 Resp: 296089
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 63.795 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 41 Resp: 212147
Ion Ratio Lower Upper
41 100
69 85.0 90.4 135.6#
39 60.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1163.428 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

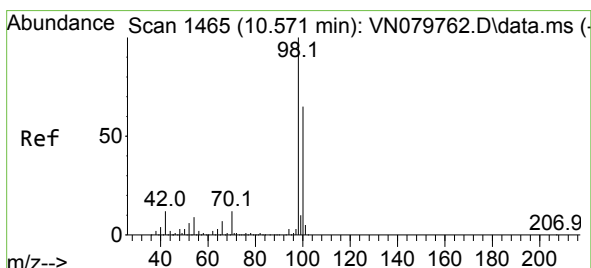
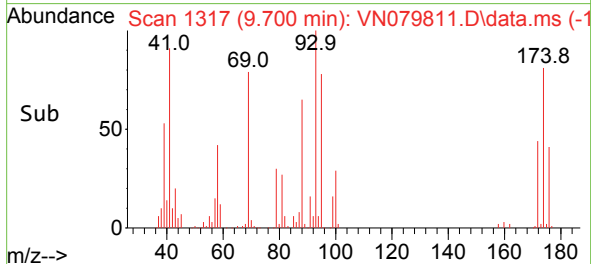
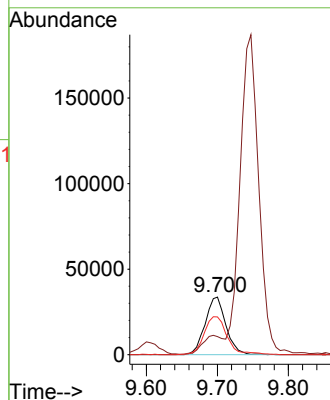
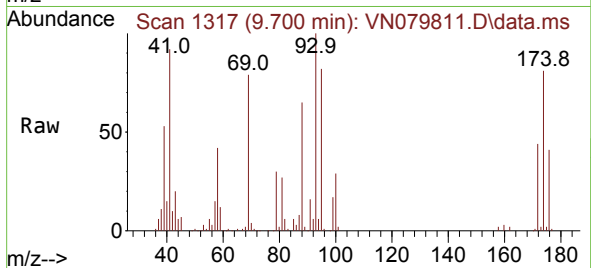
Tgt Ion: 88 Resp: 68363

Ion Ratio Lower Upper

88 100

43 30.1 17.0 25.6#

58 73.5 47.0 70.4#



#50

Toluene-d8

Concen: 55.489 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079811.D

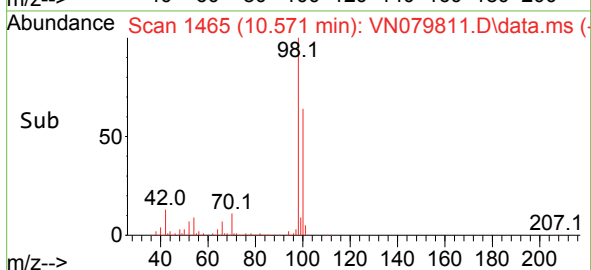
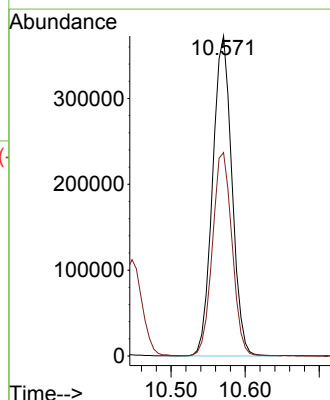
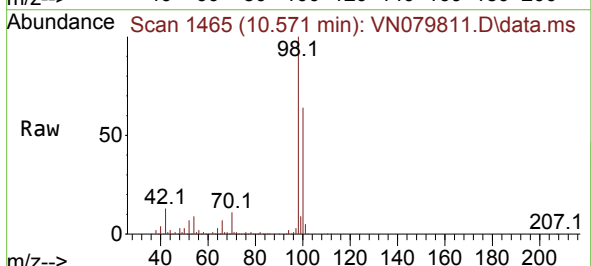
Acq: 02 Nov 2023 20:45

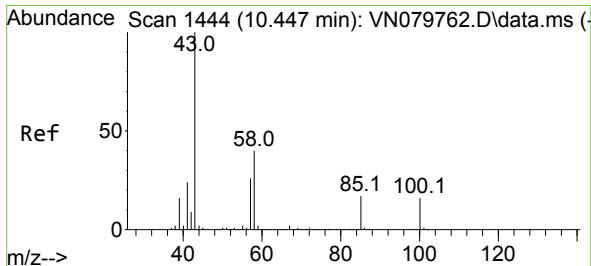
Tgt Ion: 98 Resp: 675337

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

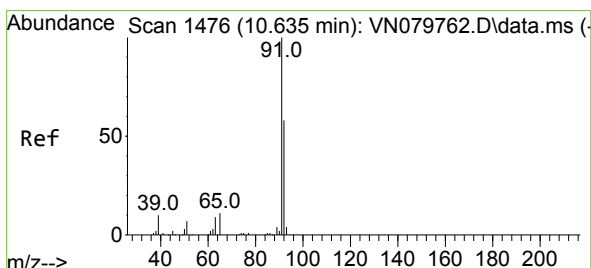
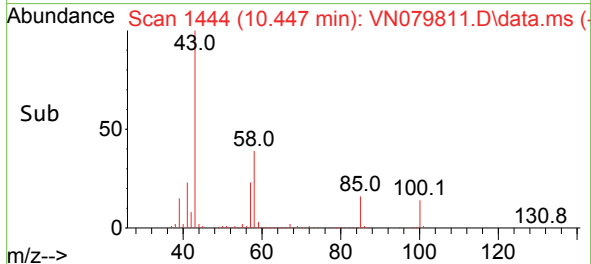
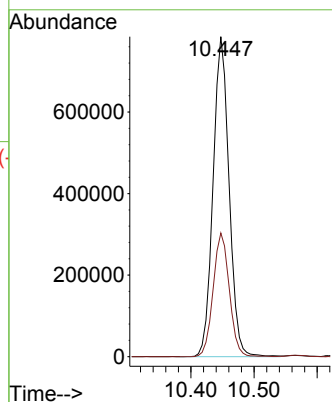
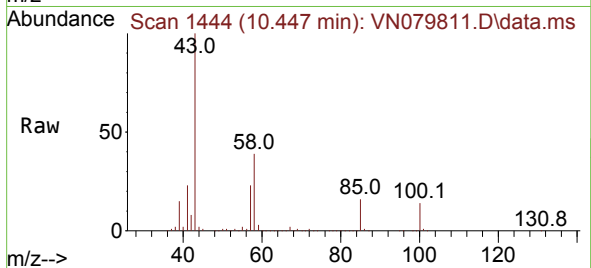




#51
4-Methyl-2-Pentanone
Concen: 323.002 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

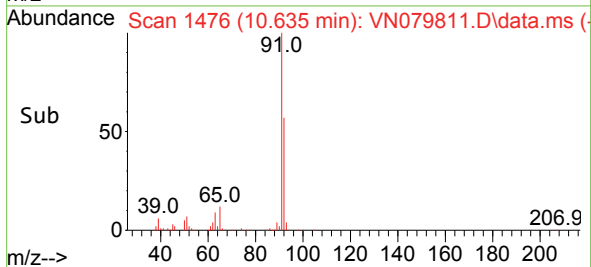
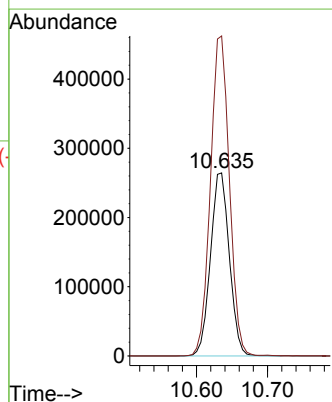
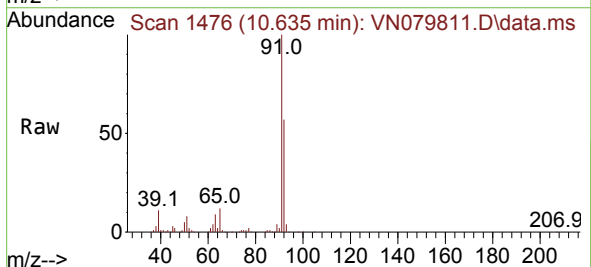
Instrument :
MSVOA_N
ClientSampleId :

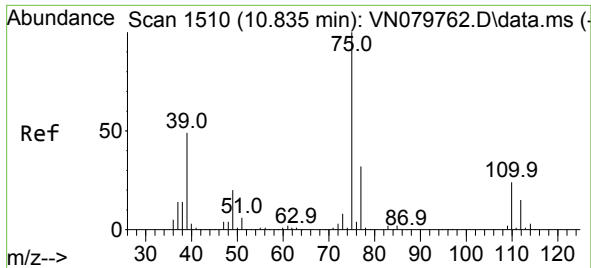
Tgt Ion: 43 Resp: 1380600
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#52
Toluene
Concen: 58.186 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 92 Resp: 487705
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

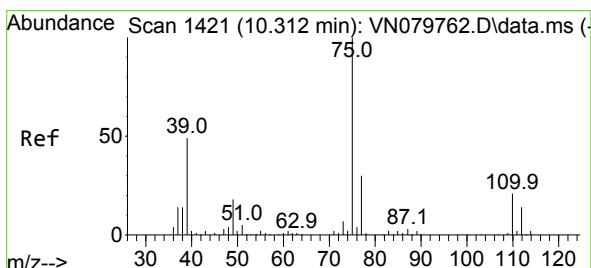
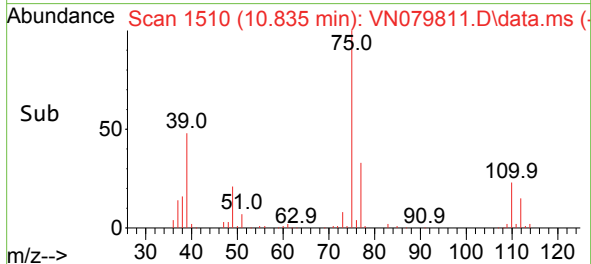
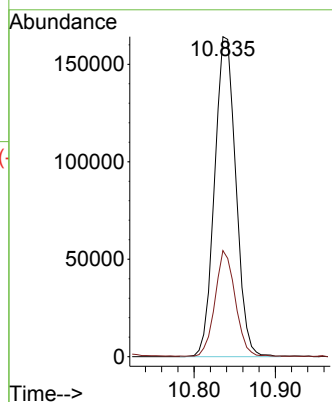
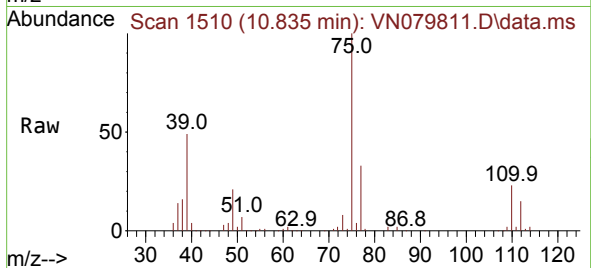




#53
 t-1,3-Dichloropropene
 Concen: 57.952 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

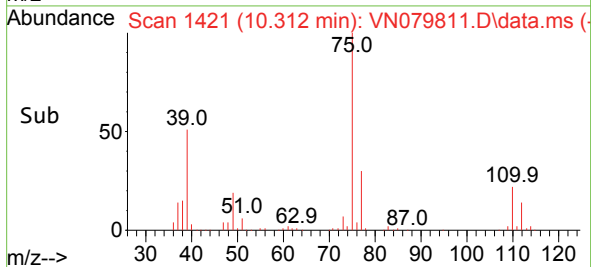
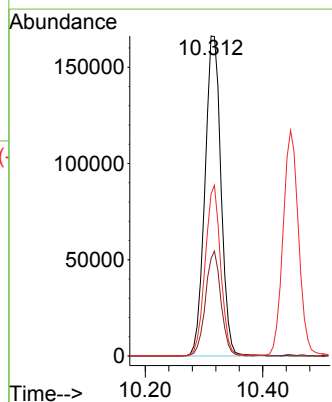
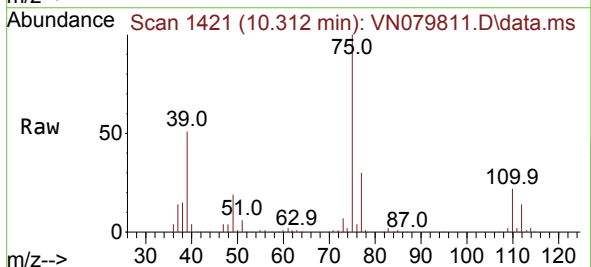
Instrument :
 MSVOA_N
 ClientSampleId :

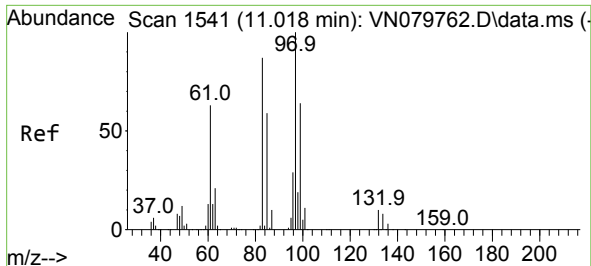
Tgt Ion: 75 Resp: 298913
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.308 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

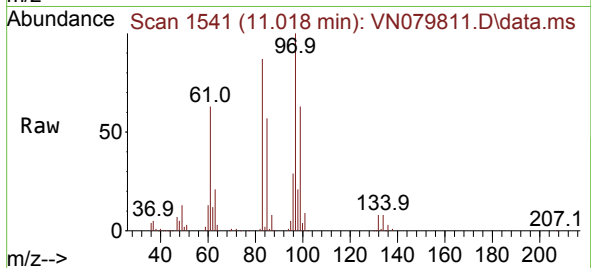
Tgt Ion: 75 Resp: 316570
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 50.7 31.6 47.4#



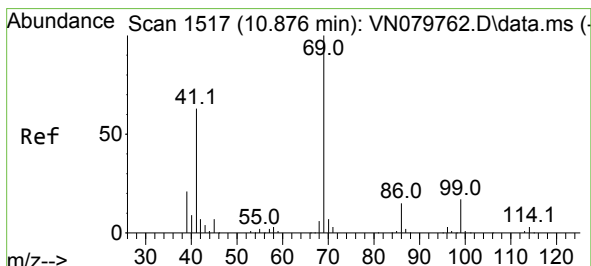
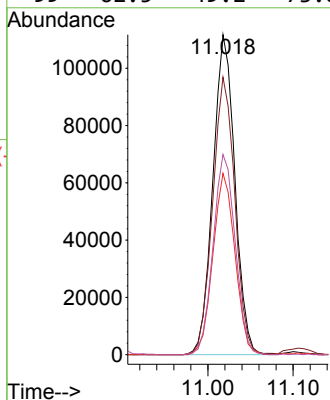
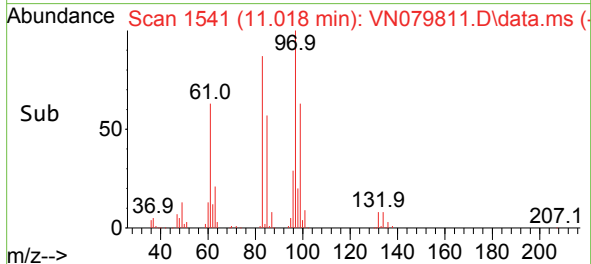


#55
1,1,2-Trichloroethane
Concen: 59.383 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Instrument :
MSVOA_N
ClientSampleId :

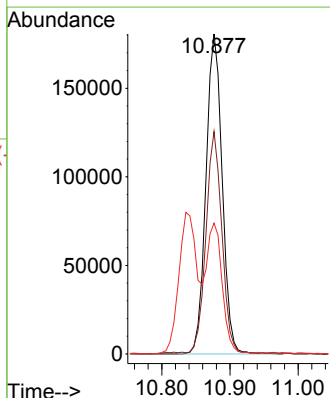
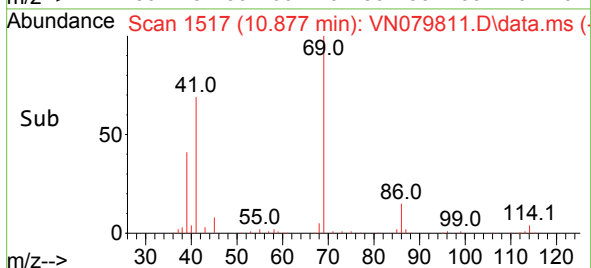
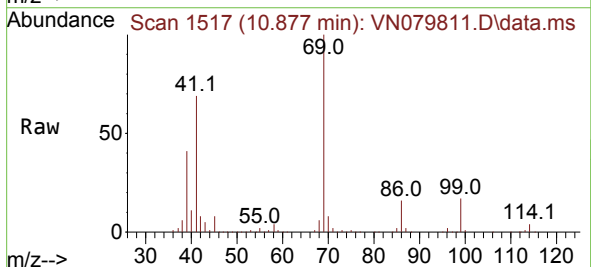


Tgt Ion:	97	Resp:	200197
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.1	97.7
85	56.6	43.4	65.2
99	62.5	49.2	73.8



#56
Ethyl methacrylate
Concen: 62.235 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion:	69	Resp:	299277
Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.6	59.4#
39	38.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 60.293 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

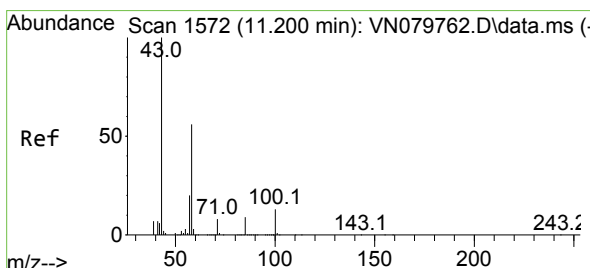
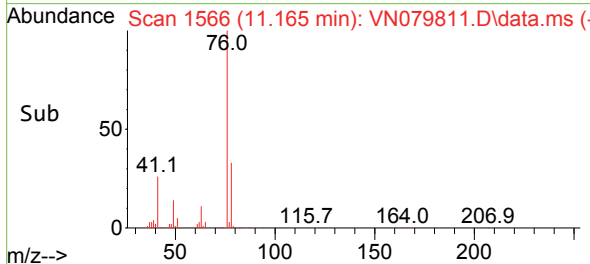
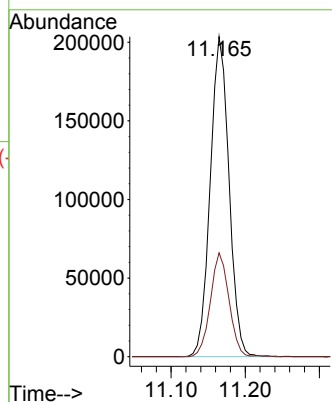
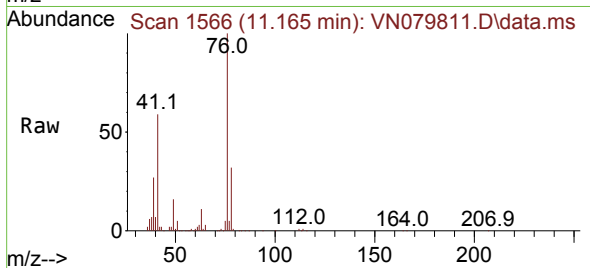
ClientSampleId :

Tgt Ion: 76 Resp: 358287

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#59

2-Hexanone

Concen: 307.570 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN079811.D

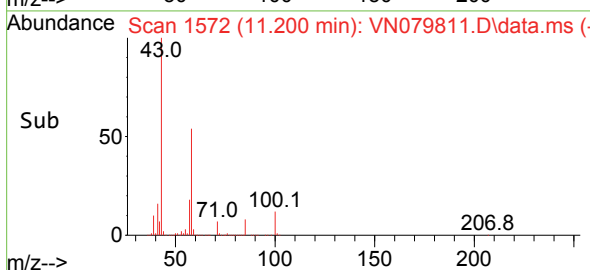
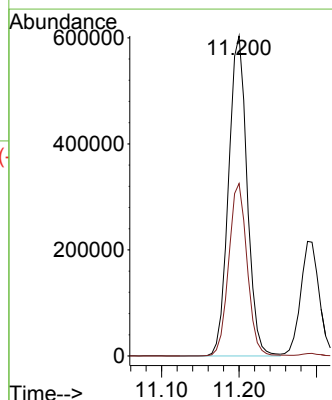
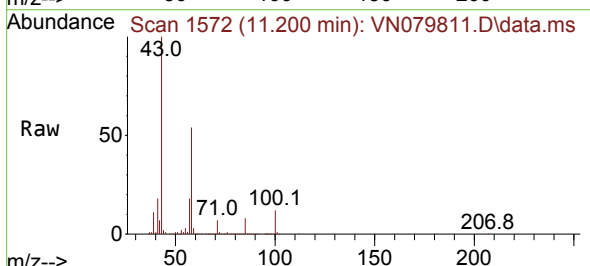
Acq: 02 Nov 2023 20:45

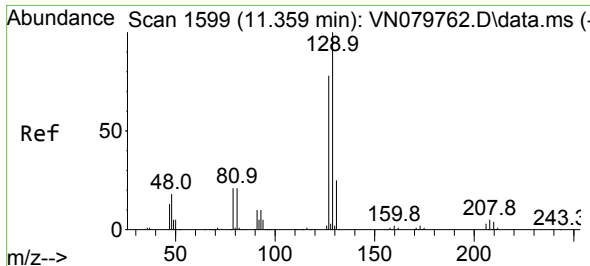
Tgt Ion: 43 Resp: 1005697

Ion Ratio Lower Upper

43 100

58 53.6 31.7 95.1

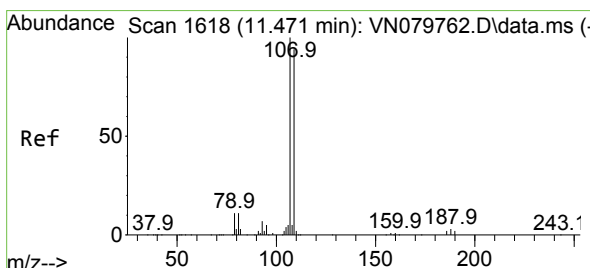
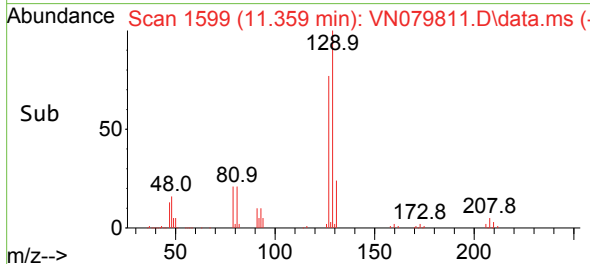
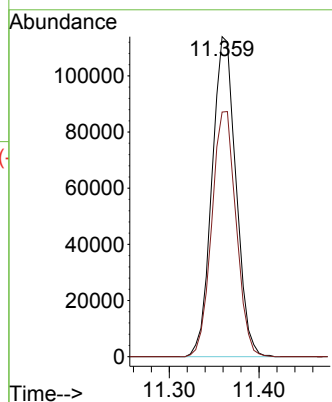
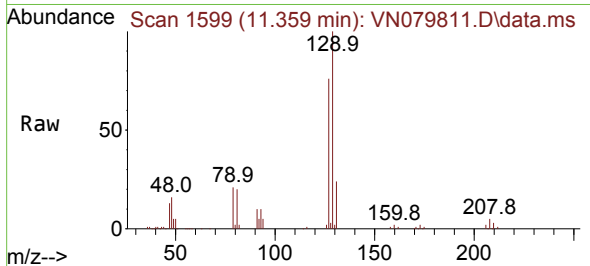




#60
Dibromochloromethane
Concen: 58.590 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

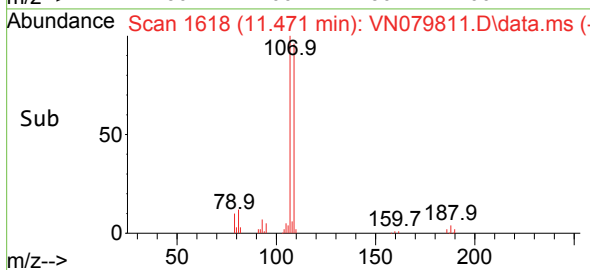
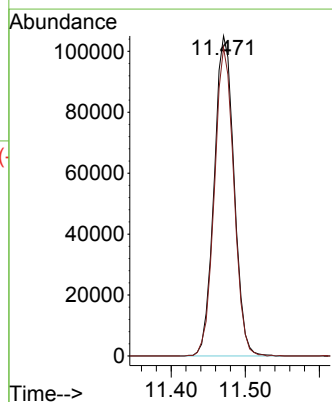
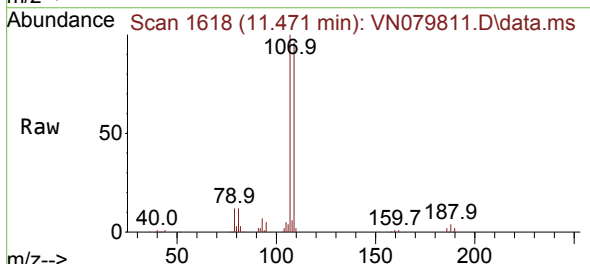
Instrument :
MSVOA_N
ClientSampleId :

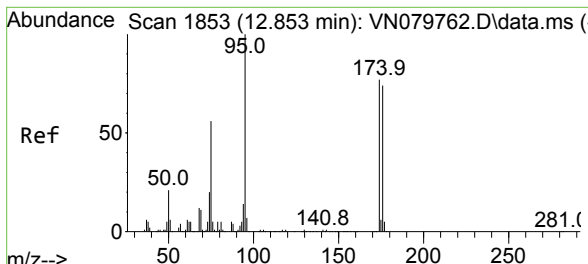
Tgt Ion:129 Resp: 211432
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0



#61
1,2-Dibromoethane
Concen: 57.897 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

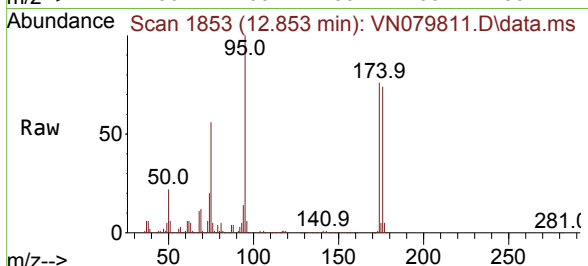
Tgt Ion:107 Resp: 195907
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8





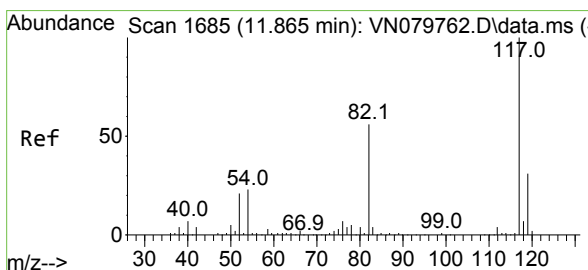
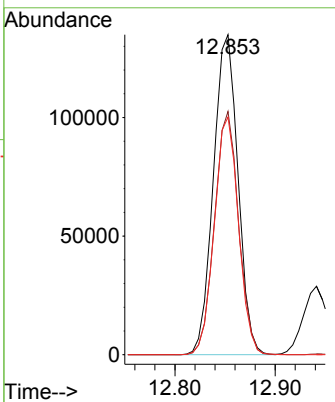
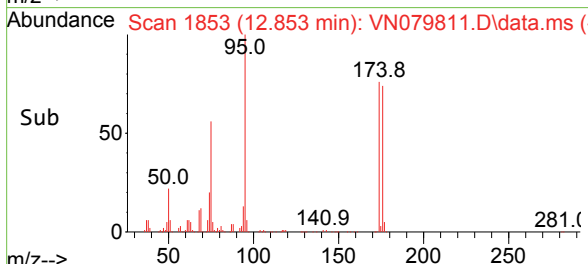
#62
 4-Bromofluorobenzene
 Concen: 56.891 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

Instrument :
 MSVOA_N
 ClientSampleId :

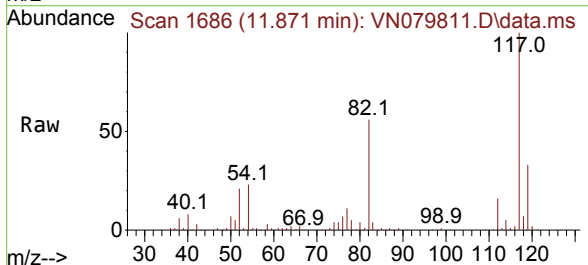


Tgt Ion: 95 Resp: 229634

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	143.8
176	72.8	0.0	135.8

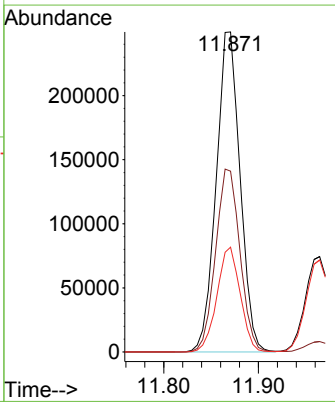
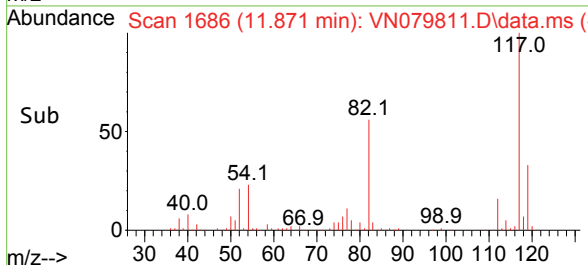


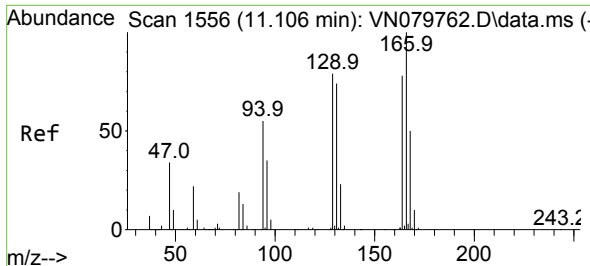
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45



Tgt Ion: 117 Resp: 438349

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.0	66.0
119	32.7	25.6	38.4

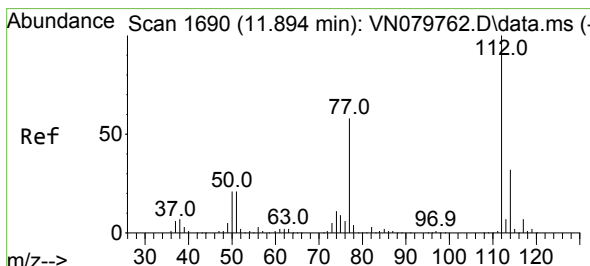
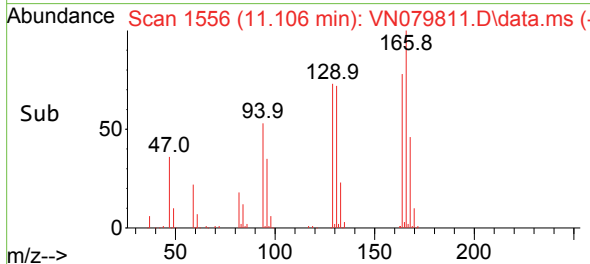
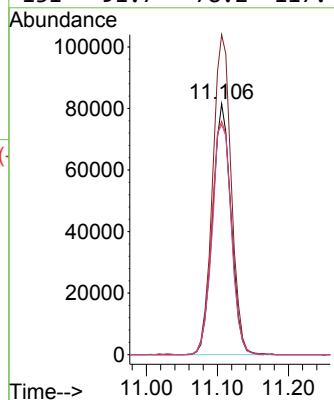
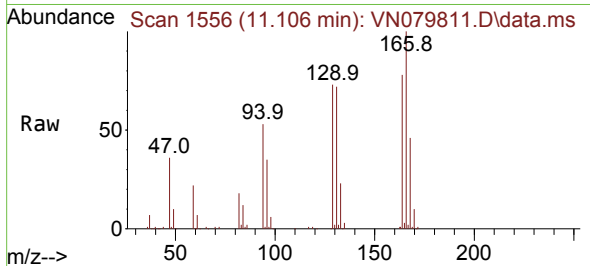




#64
Tetrachloroethene
Concen: 51.780 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

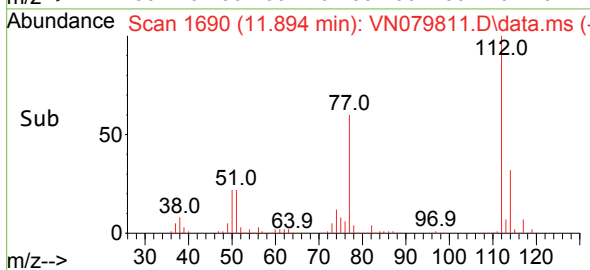
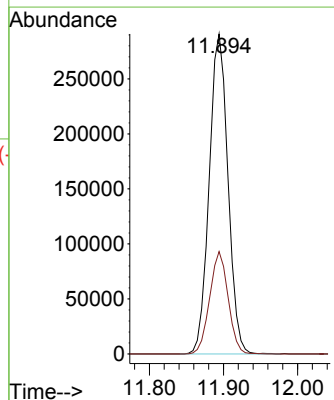
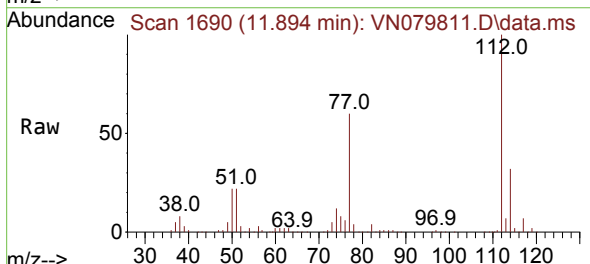
Instrument :
MSVOA_N
ClientSampleId :

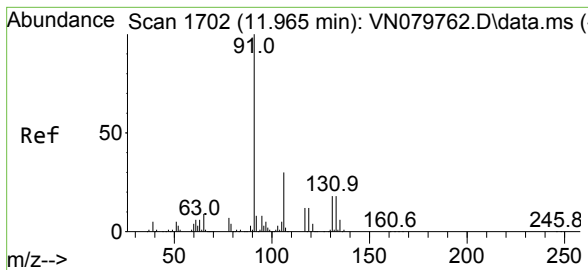
Tgt Ion:164 Resp: 147002
Ion Ratio Lower Upper
164 100
166 127.5 101.4 152.0
129 92.9 82.4 123.6
131 91.7 78.2 117.4



#65
Chlorobenzene
Concen: 53.723 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion:112 Resp: 510829
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

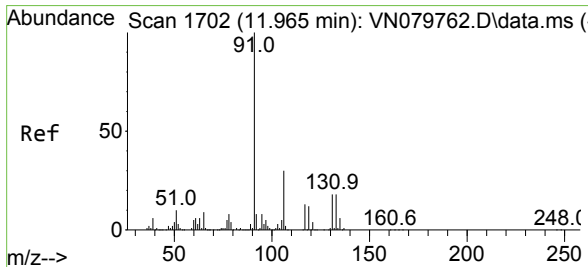
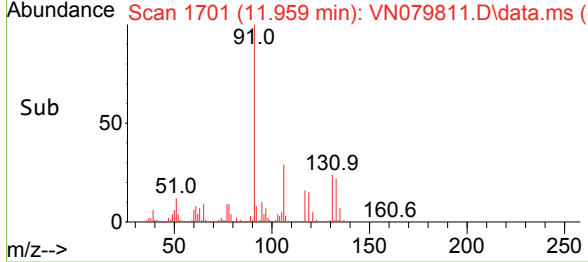
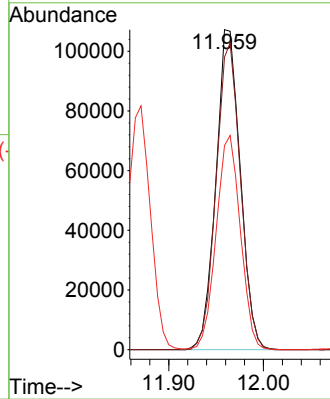
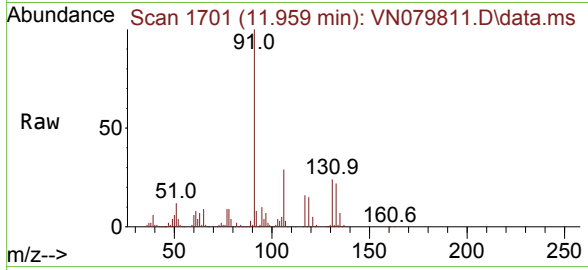




#66
1,1,1,2-Tetrachloroethane
Concen: 56.050 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

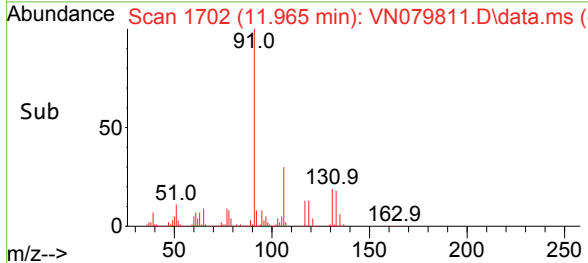
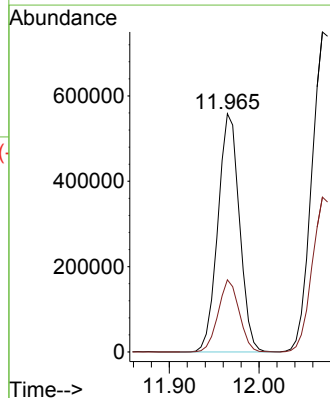
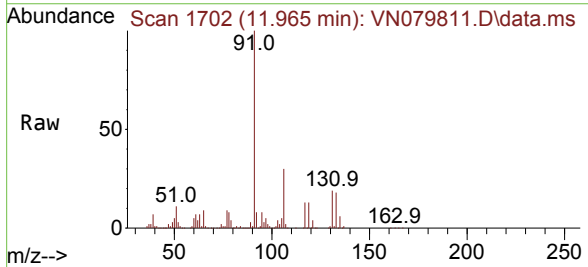
Instrument :
MSVOA_N
ClientSampleId :

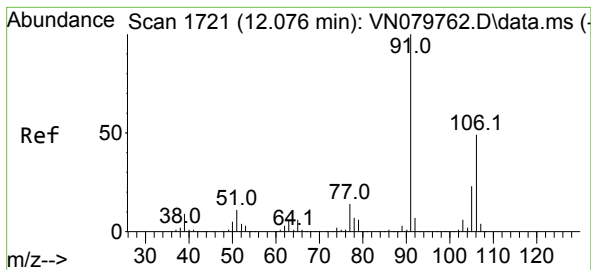
Tgt Ion:131 Resp: 192019
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 66.6 34.1 102.2



#67
Ethyl Benzene
Concen: 56.217 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 91 Resp: 931313
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

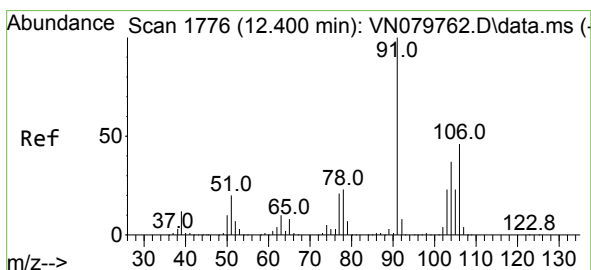
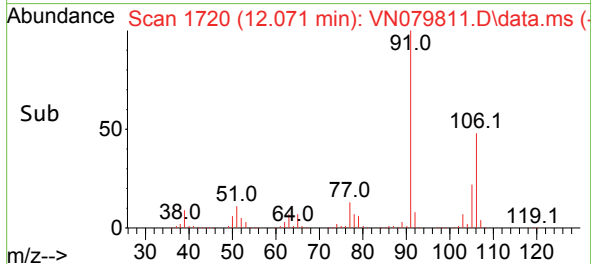
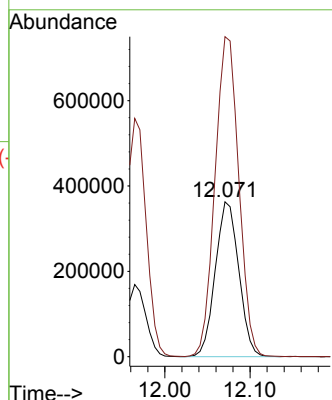
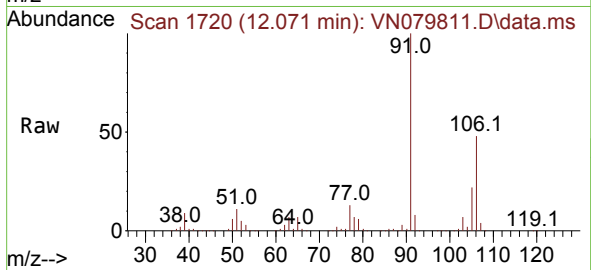




#68
m/p-Xylenes
Concen: 112.502 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

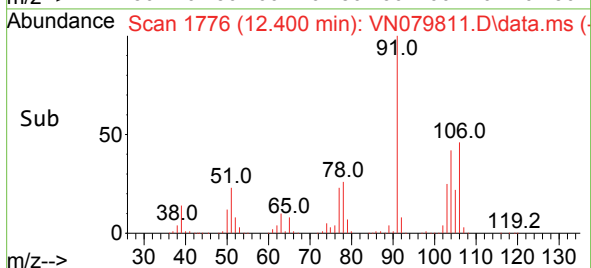
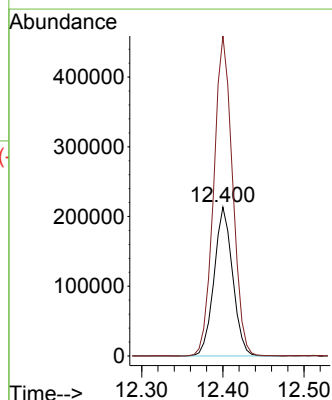
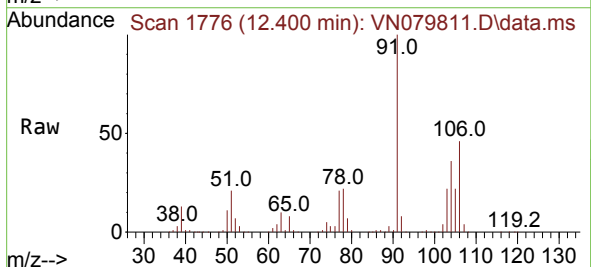
Instrument :
MSVOA_N
ClientSampleId :

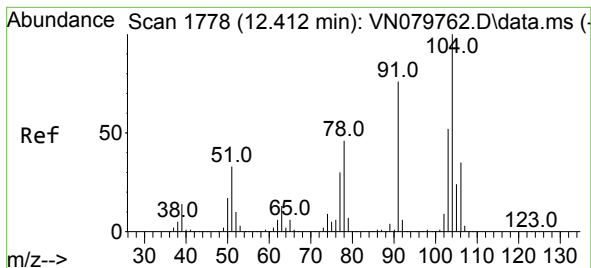
Tgt Ion:106 Resp: 694280
Ion Ratio Lower Upper
106 100
91 209.6 159.6 239.4



#69
o-Xylene
Concen: 57.032 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion:106 Resp: 338921
Ion Ratio Lower Upper
106 100
91 218.4 105.2 315.5





#70

Styrene

Concen: 59.580 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

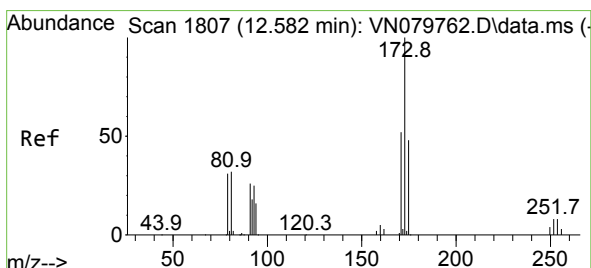
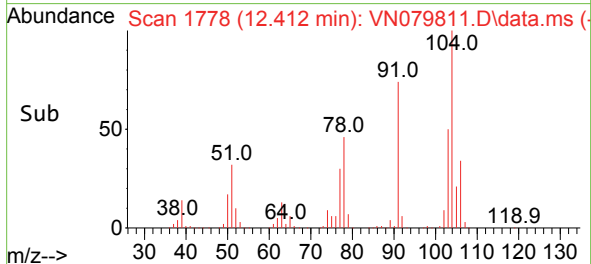
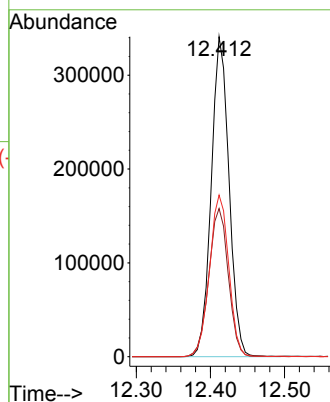
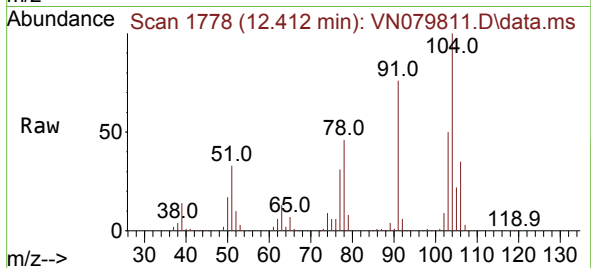
Tgt Ion:104 Resp: 569010

Ion Ratio Lower Upper

104 100

78 50.7 39.5 59.3

103 54.6 43.2 64.8



#71

Bromoform

Concen: 58.227 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

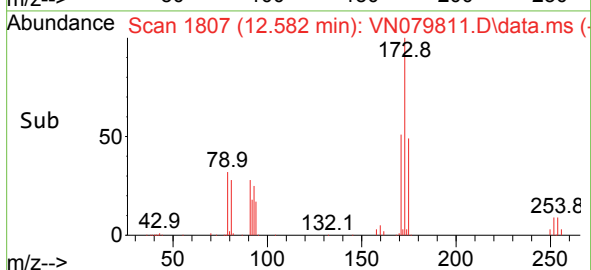
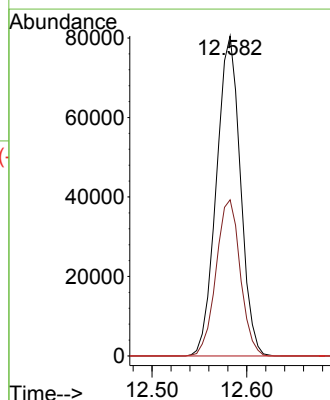
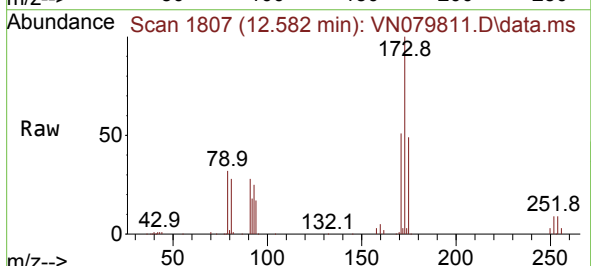
Tgt Ion:173 Resp: 141646

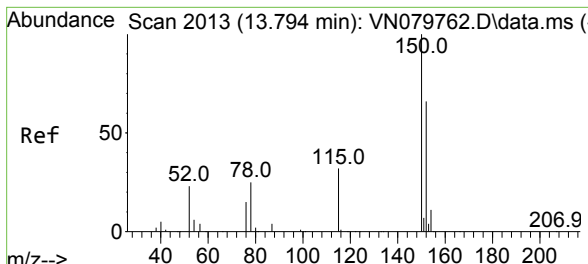
Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.0 0.0 0.0

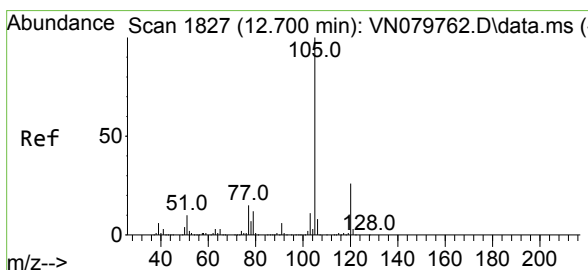
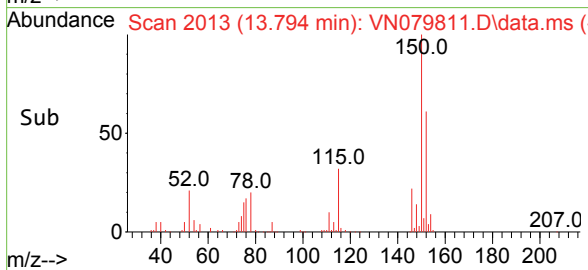
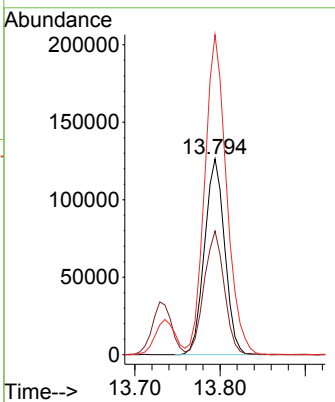
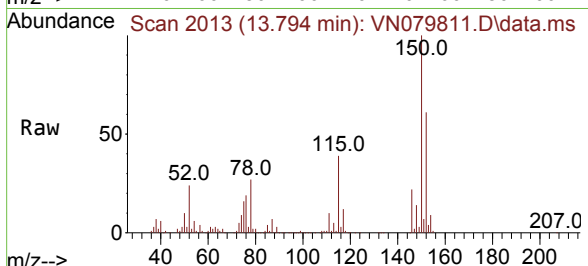




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

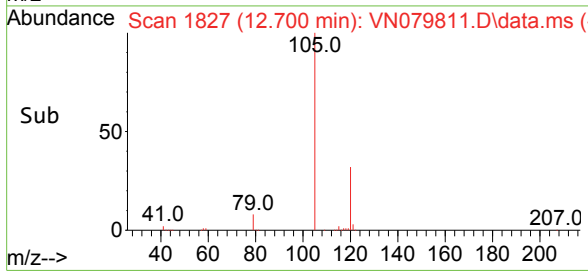
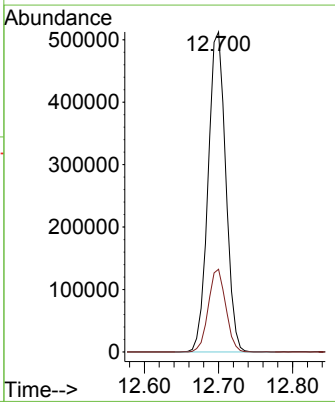
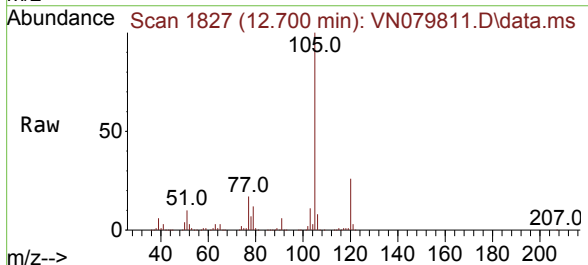
Instrument :
 MSVOA_N
 ClientSampleId :

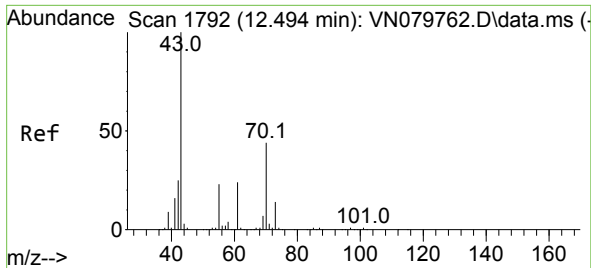
Tgt Ion:	152	Resp:	207533
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.3	96.8
150	176.7	0.0	355.8



#73
 Isopropylbenzene
 Concen: 53.655 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

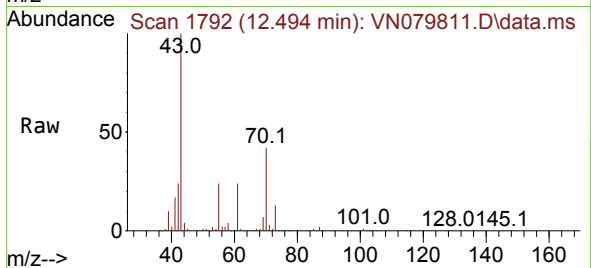
Tgt Ion:	105	Resp:	845094
Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1



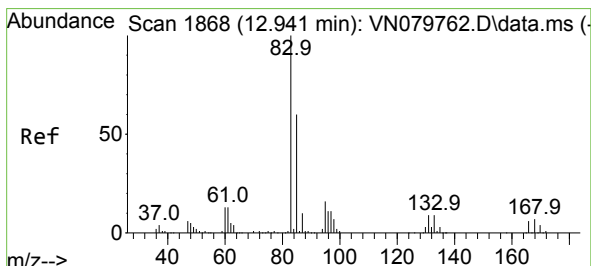
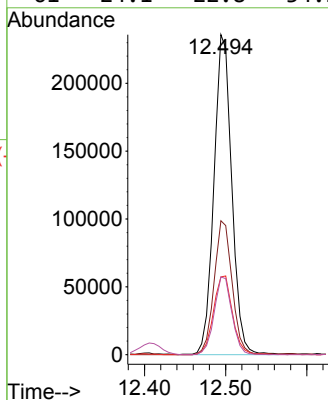
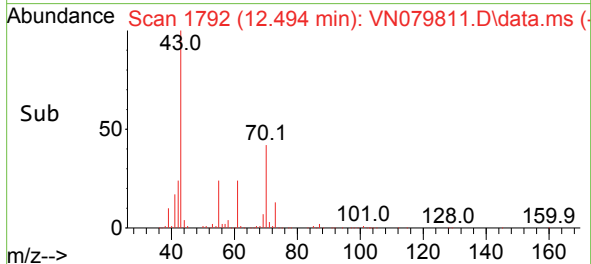


#74
N-amy1 acetate
Concen: 52.424 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

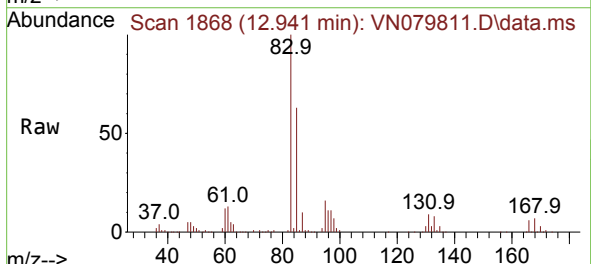
Instrument :
MSVOA_N
ClientSampleId :



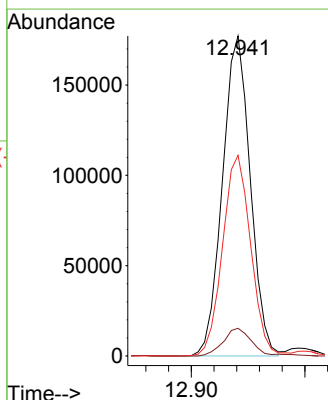
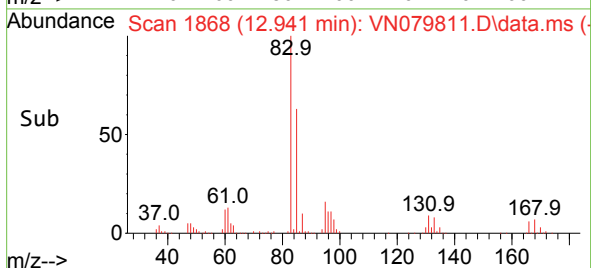
Tgt Ion: 43 Resp: 360409
Ion Ratio Lower Upper
43 100
70 42.4 43.4 65.2#
55 26.3 21.4 32.0
61 24.1 22.8 34.2

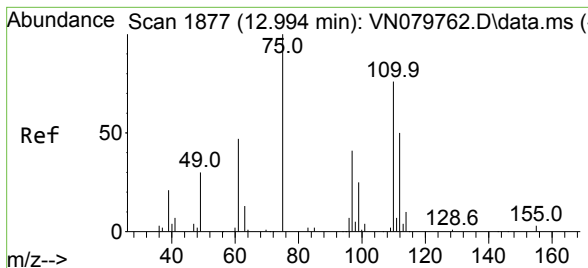


#75
1,1,2,2-Tetrachloroethane
Concen: 53.985 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45



Tgt Ion: 83 Resp: 301475
Ion Ratio Lower Upper
83 100
131 9.0 5.0 15.0
85 63.6 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 75.044 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

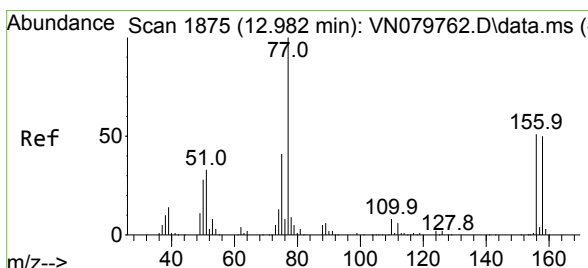
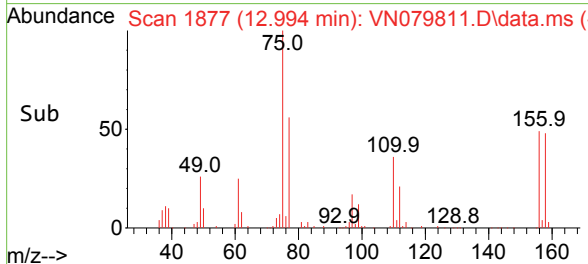
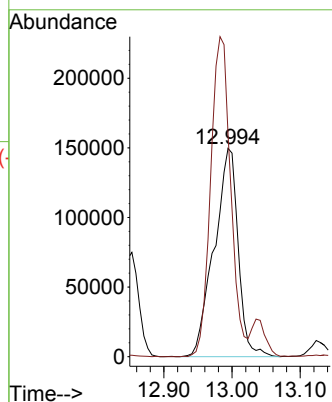
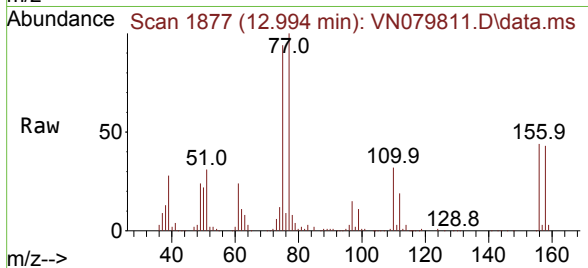
ClientSampleId :

Tgt Ion: 75 Resp: 365633

Ion Ratio Lower Upper

75 100

77 128.6 84.5 253.5



#77

Bromobenzene

Concen: 52.990 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

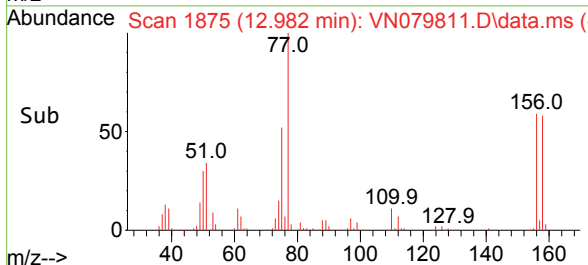
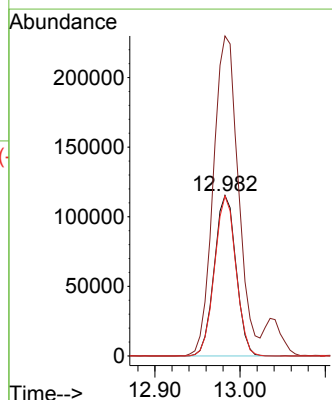
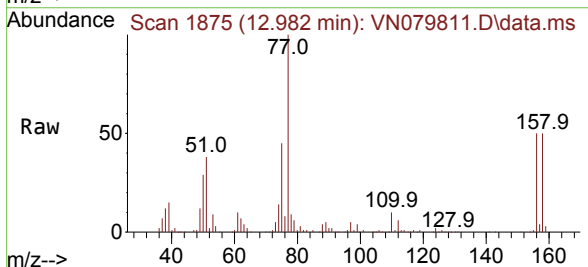
Tgt Ion: 156 Resp: 204336

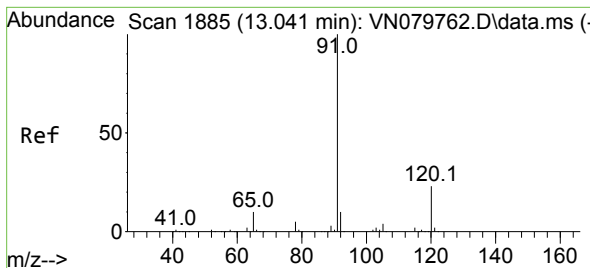
Ion Ratio Lower Upper

156 100

77 230.1 107.7 323.3

158 98.2 48.4 145.3





#78

n-propylbenzene

Concen: 55.337 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

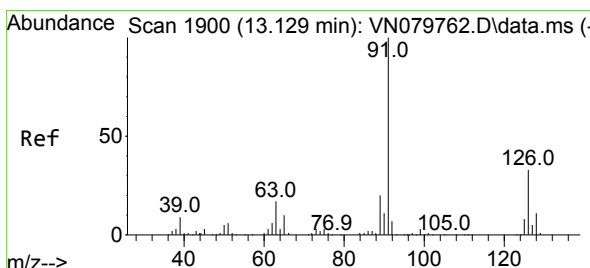
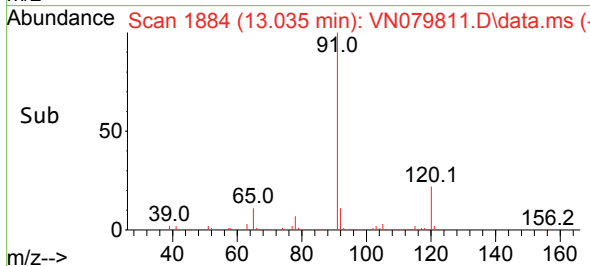
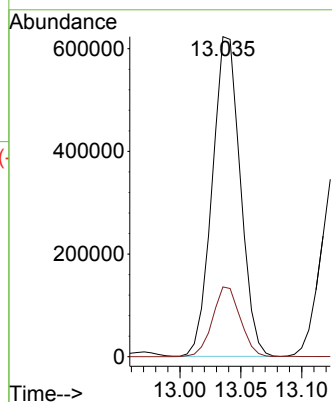
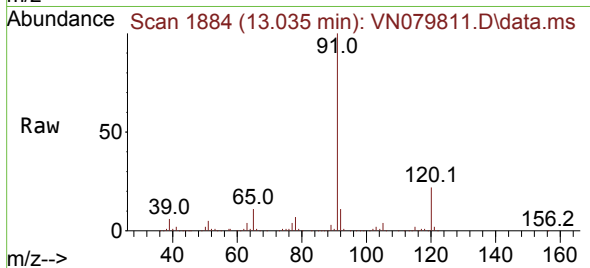
ClientSampleId :

Tgt Ion: 91 Resp: 998100

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4



#79

2-Chlorotoluene

Concen: 53.051 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079811.D

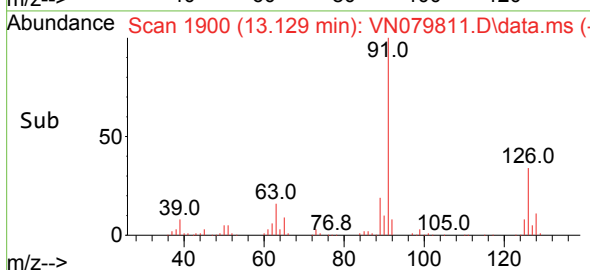
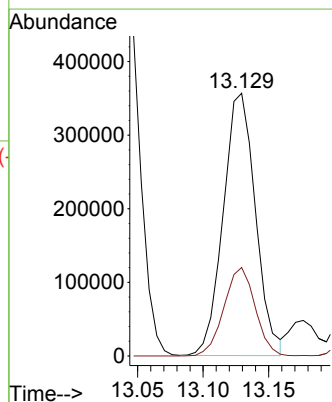
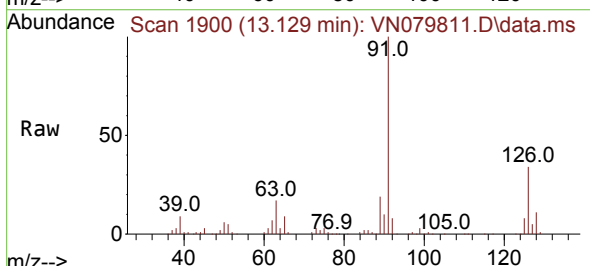
Acq: 02 Nov 2023 20:45

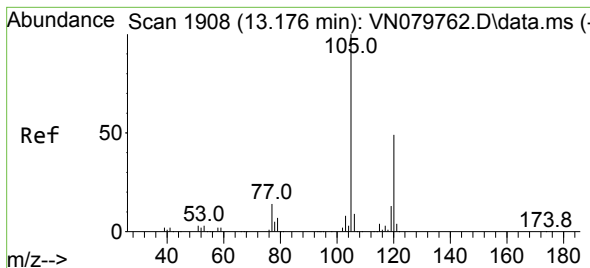
Tgt Ion: 91 Resp: 611278

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 56.463 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

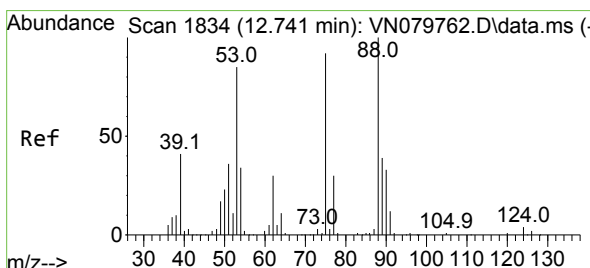
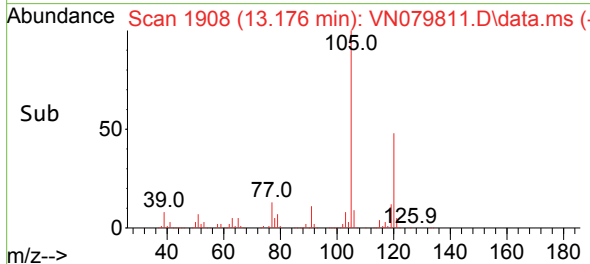
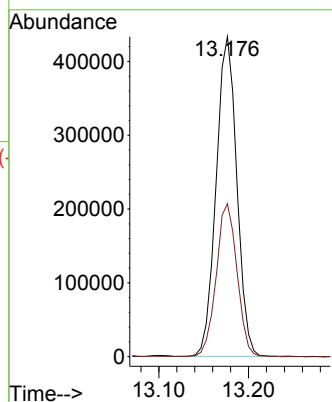
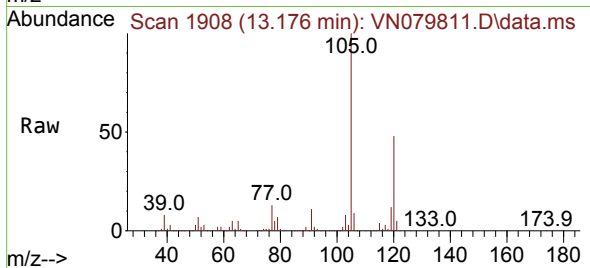
ClientSampleId :

Tgt Ion:105 Resp: 691922

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 48.350 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

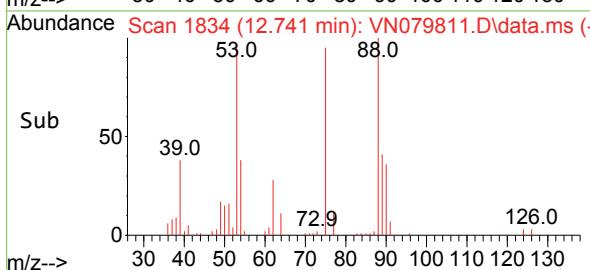
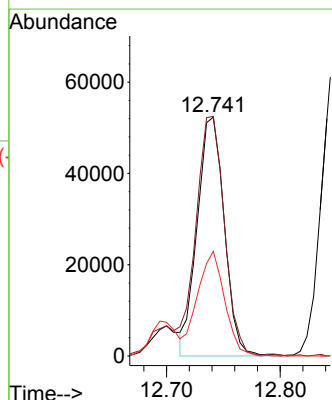
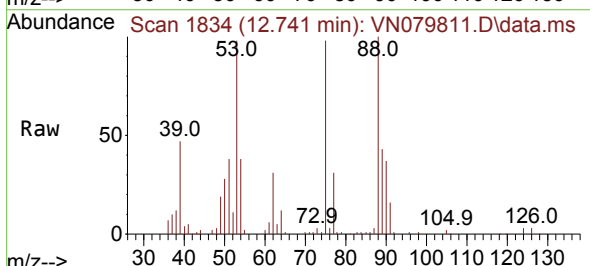
Tgt Ion: 75 Resp: 86583

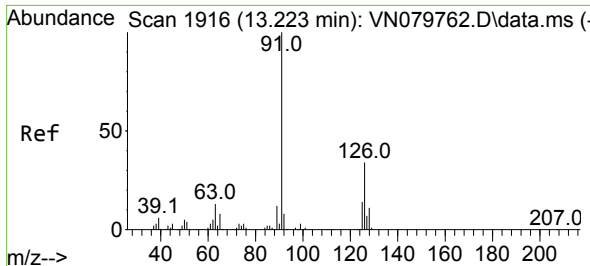
Ion Ratio Lower Upper

75 100

53 117.9 67.4 101.2#

89 44.4 38.8 58.2

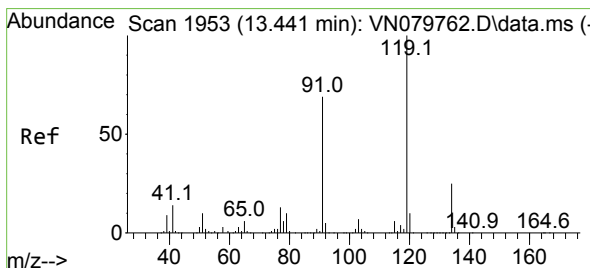
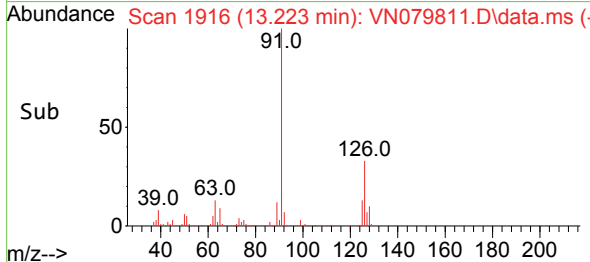
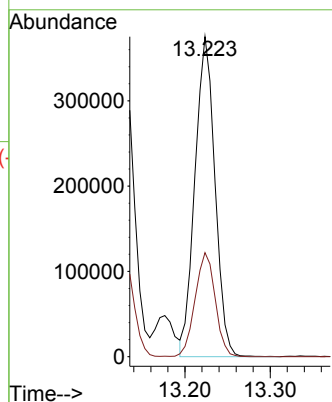
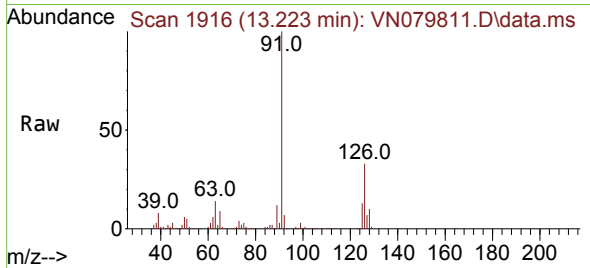




#82
4-Chlorotoluene
Concen: 53.385 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

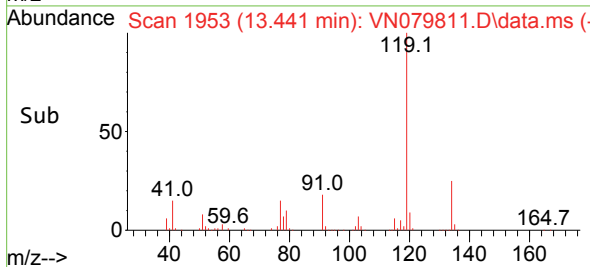
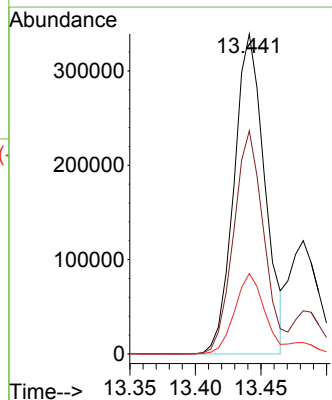
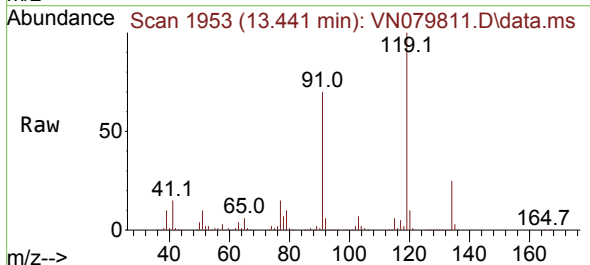
Instrument :
MSVOA_N
ClientSampleId :

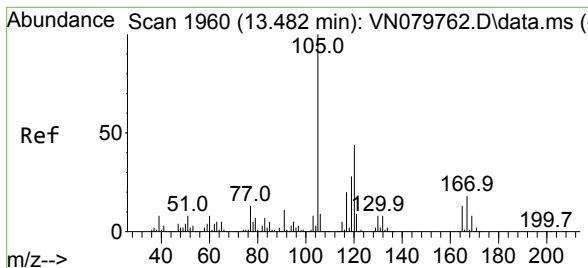
Tgt Ion: 91 Resp: 611248
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0



#83
tert-Butylbenzene
Concen: 55.234 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 119 Resp: 554044
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 24.8 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 57.832 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

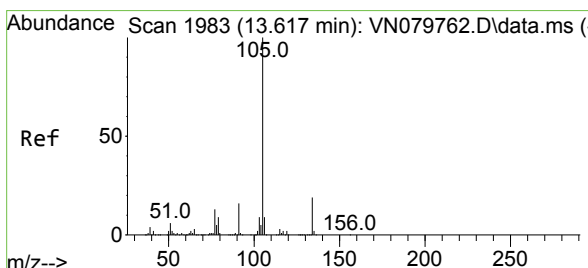
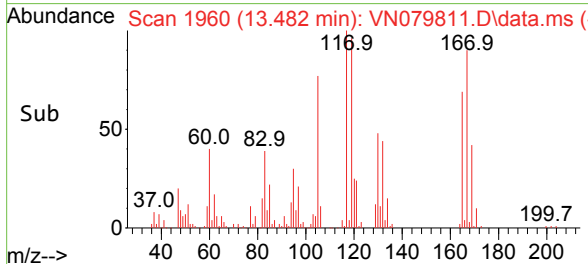
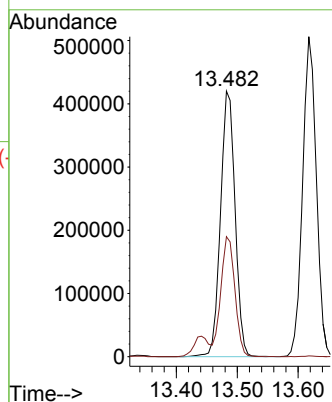
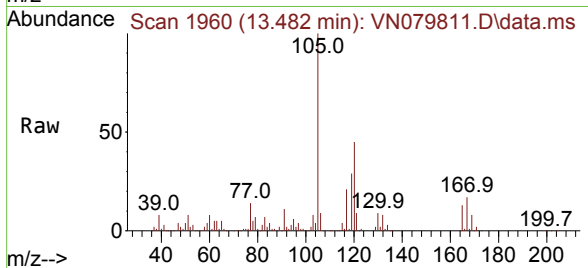
ClientSampleId :

Tgt Ion:105 Resp: 697256

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0



#85

sec-Butylbenzene

Concen: 56.857 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079811.D

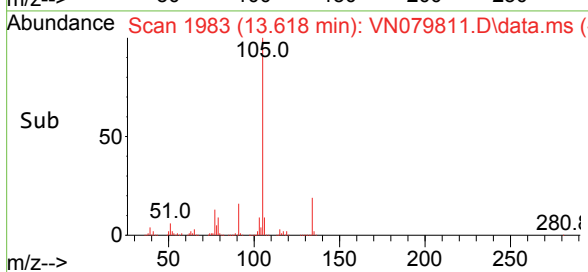
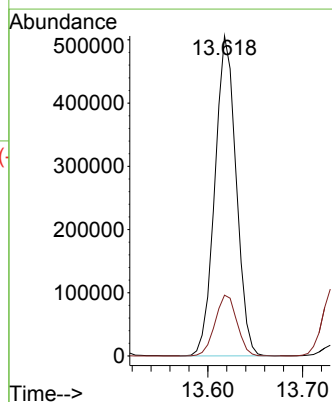
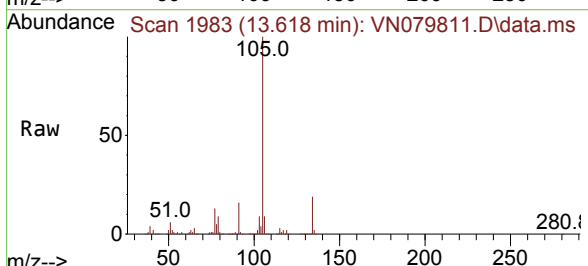
Acq: 02 Nov 2023 20:45

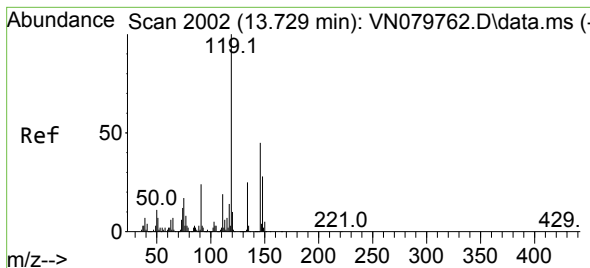
Tgt Ion:105 Resp: 790160

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3

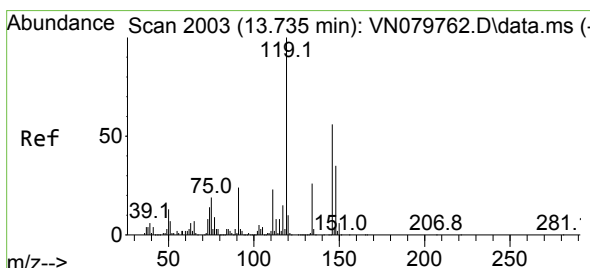
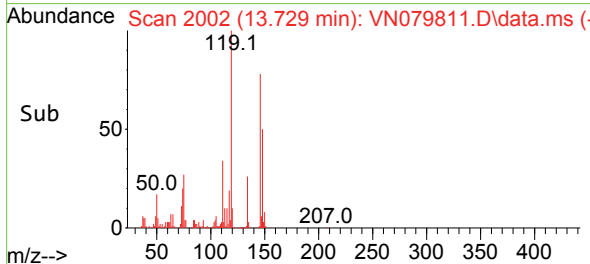
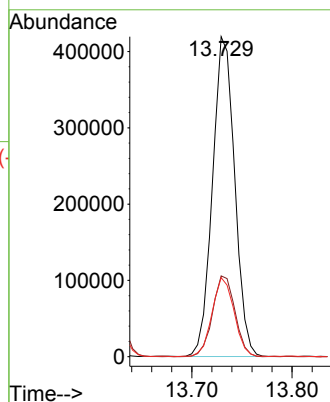
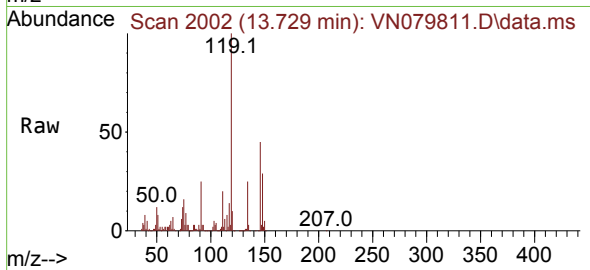




#86
 p-Isopropyltoluene
 Concen: 56.898 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

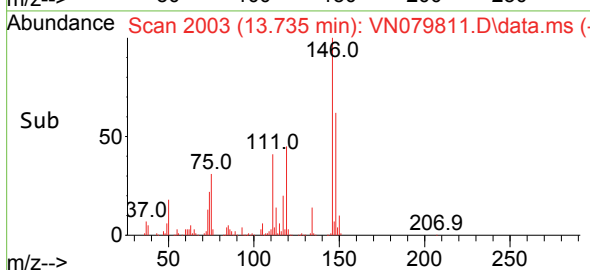
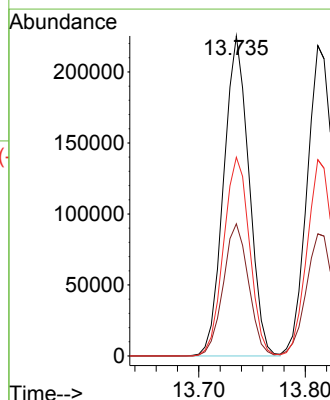
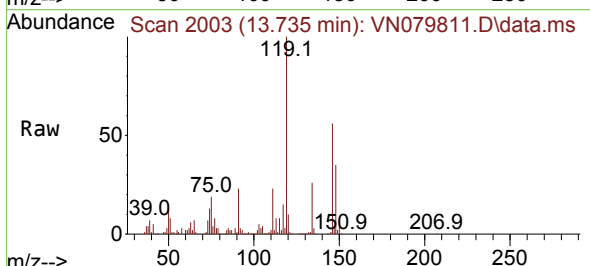
Instrument :
 MSVOA_N
 ClientSampleId :

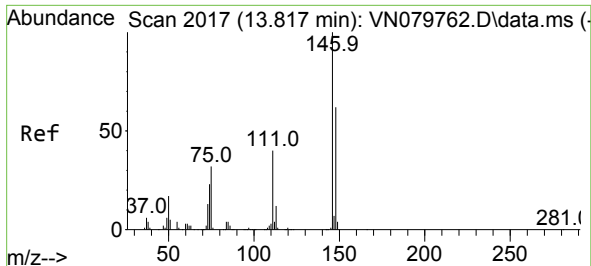
Tgt Ion:119 Resp: 644681
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.7 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 51.717 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

Tgt Ion:146 Resp: 370995
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.1 66.3
 148 63.6 32.0 96.0

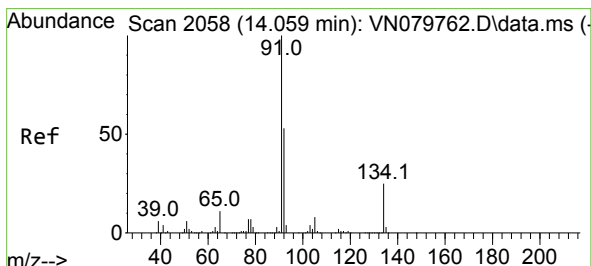
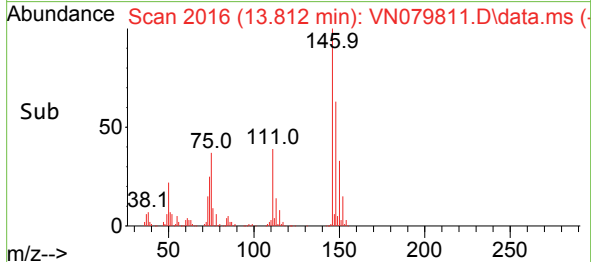
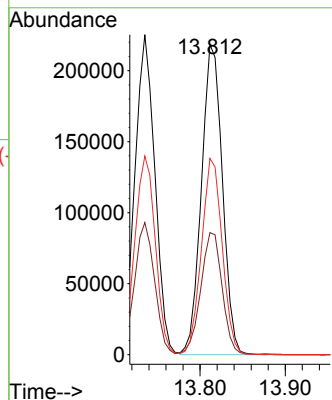
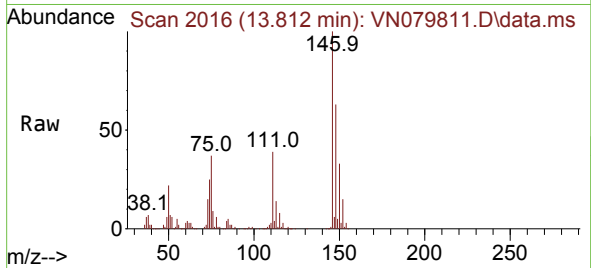




#88
1,4-Dichlorobenzene
Concen: 51.302 ug/l
RT: 13.812 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

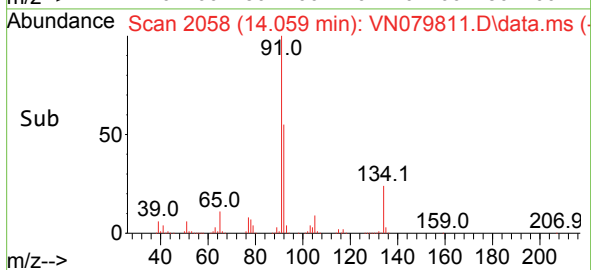
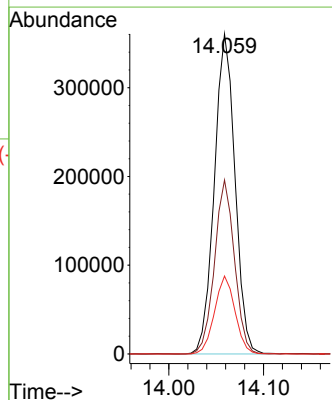
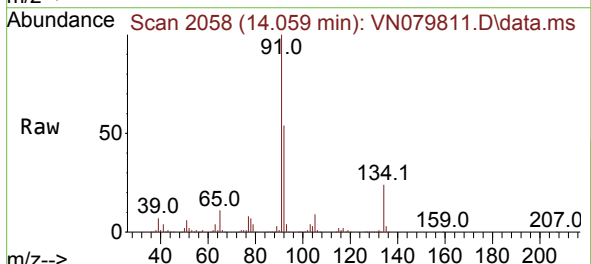
Instrument :
MSVOA_N
ClientSampleId :

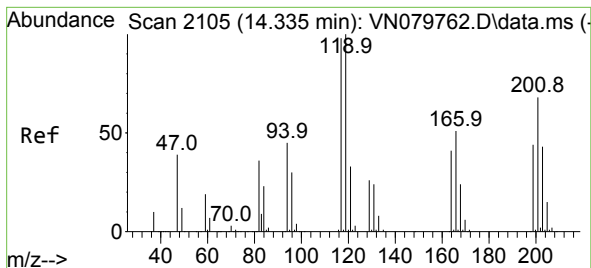
Tgt Ion:146 Resp: 373545
Ion Ratio Lower Upper
146 100
111 39.9 20.6 61.8
148 62.8 31.6 94.8



#89
n-Butylbenzene
Concen: 55.966 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079811.D
Acq: 02 Nov 2023 20:45

Tgt Ion: 91 Resp: 546168
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 24.1 12.6 37.6





#90

Hexachloroethane

Concen: 53.822 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

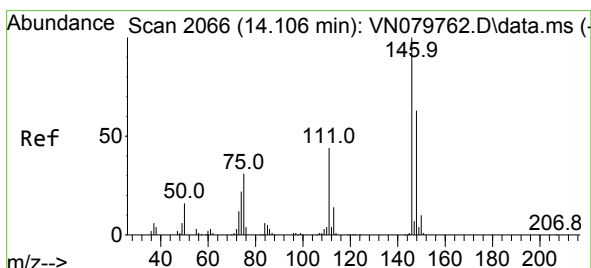
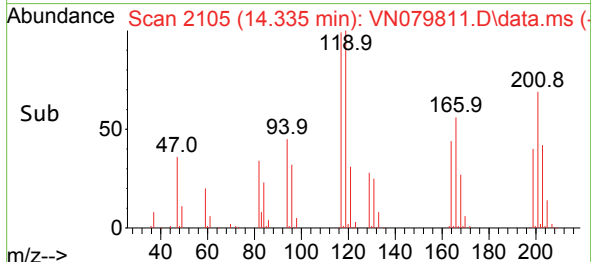
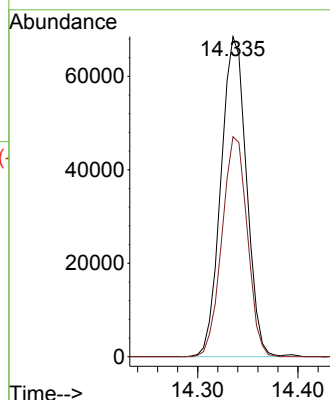
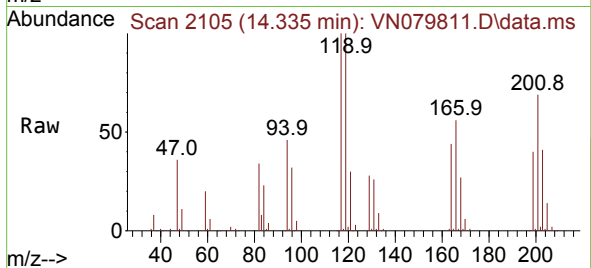
ClientSampleId :

Tgt Ion:117 Resp: 120774

Ion Ratio Lower Upper

117 100

201 68.4 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 53.446 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

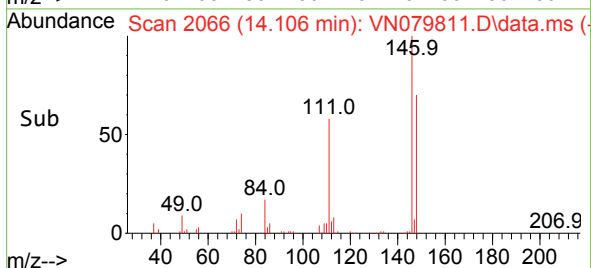
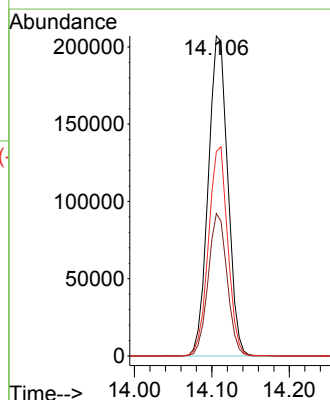
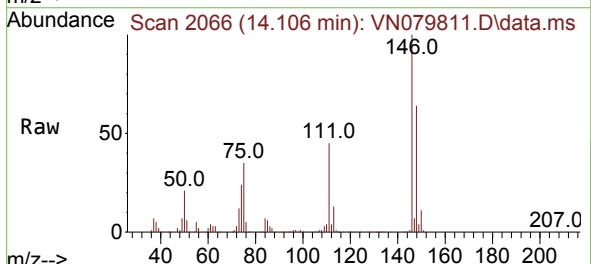
Tgt Ion:146 Resp: 361925

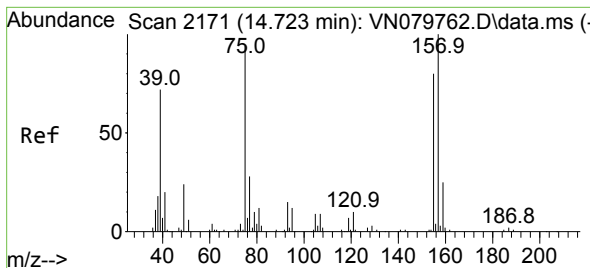
Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

148 64.6 31.8 95.3

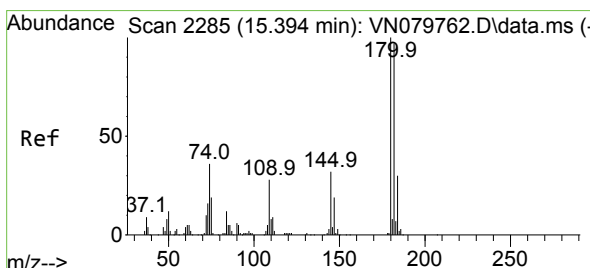
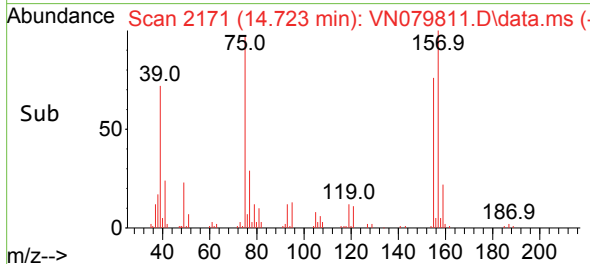
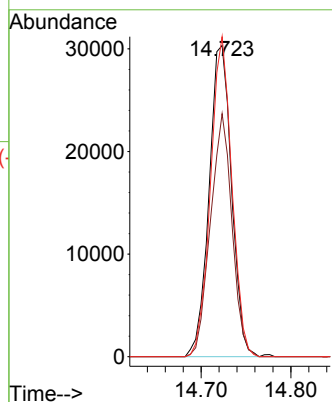
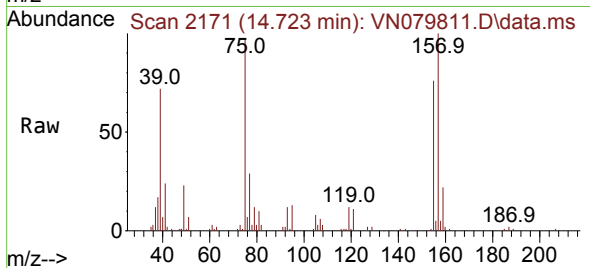




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.698 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

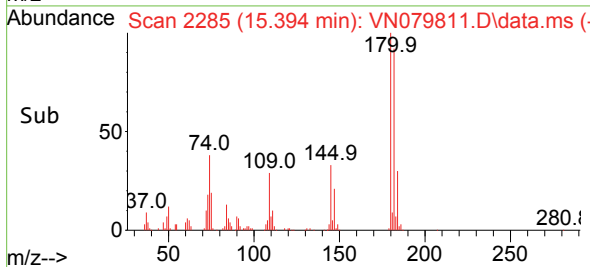
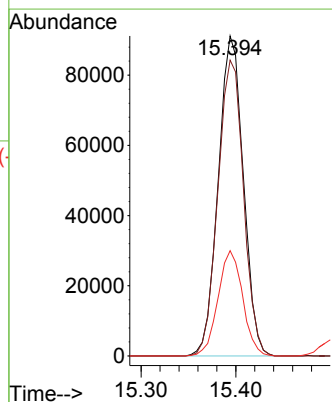
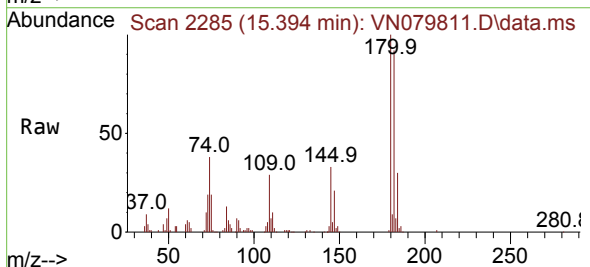
Instrument :
 MSVOA_N
 ClientSampleId :

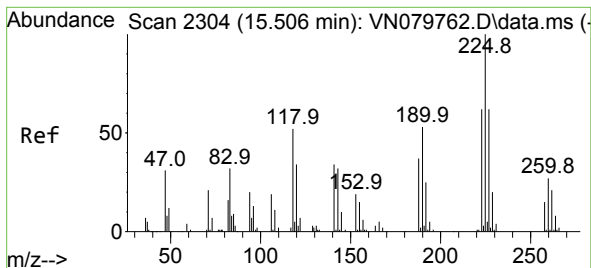
Tgt Ion: 75 Resp: 52747
 Ion Ratio Lower Upper
 75 100
 155 74.9 39.1 117.2
 157 97.4 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 52.119 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

Tgt Ion:180 Resp: 167821
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.1 138.2
 145 32.4 16.6 49.8





#94

Hexachlorobutadiene

Concen: 51.564 ug/l

RT: 15.500 min Scan# 2304

Delta R.T. -0.006 min

Lab File: VN079811.D

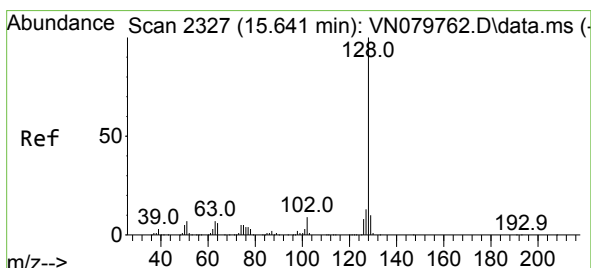
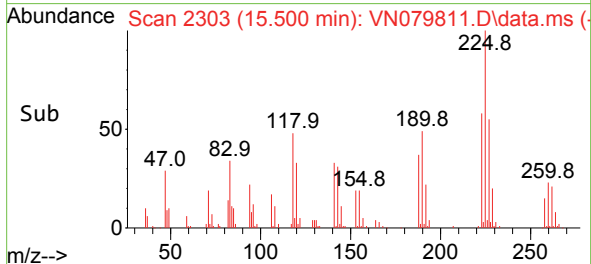
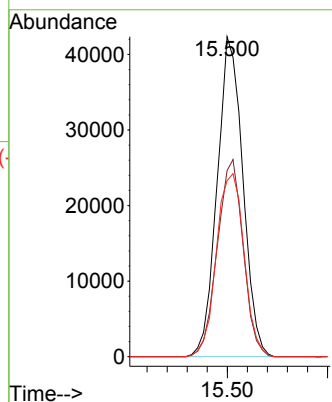
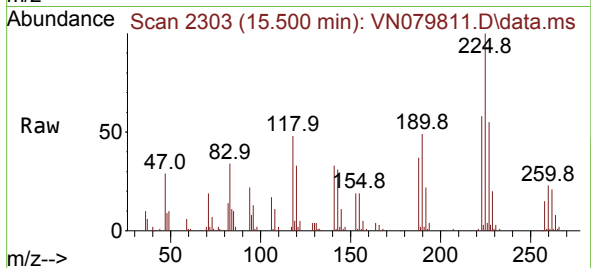
Acq: 02 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	225	Resp:	75266
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.3	93.8
227	61.7	31.9	95.9



#95

Naphthalene

Concen: 48.793 ug/l

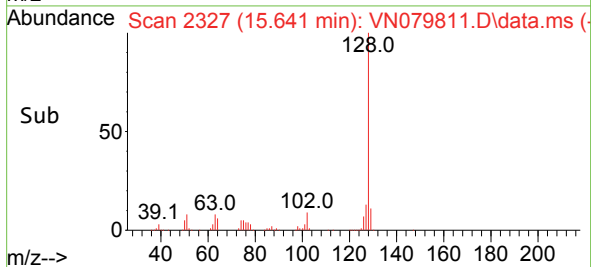
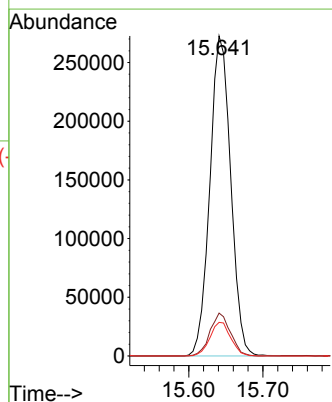
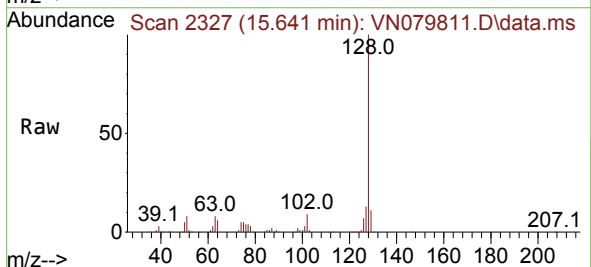
RT: 15.641 min Scan# 2327

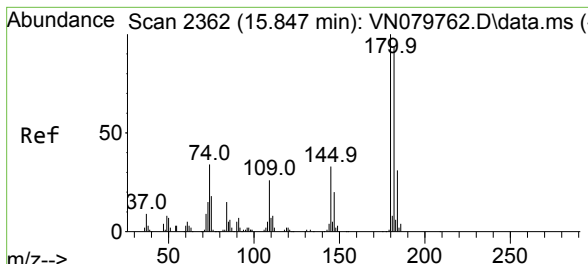
Delta R.T. 0.000 min

Lab File: VN079811.D

Acq: 02 Nov 2023 20:45

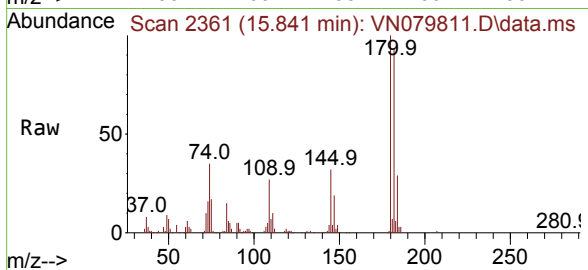
Tgt Ion:	128	Resp:	532796
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.0	15.0
129	10.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 52.208 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079811.D
 Acq: 02 Nov 2023 20:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	164782
Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.2	138.6
145	33.7	17.5	52.6

