

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082877.D
 Acq On : 11 Jul 2024 15:32
 Operator : JC\MD
 Sample : P3219-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240710079-02

Quant Time: Jul 12 01:07:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	123466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	88096	50.901	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.800%			
35) Dibromofluoromethane	8.165	113	69774	48.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.440%			
50) Toluene-d8	10.571	98	258892	48.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.847	95	95532	50.276	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.560%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	351	0.220	ug/l #	43
6) Chloroethane	3.124	64	932	0.855	ug/l #	41
8) Diethyl Ether	3.959	74	13317	16.993	ug/l	81
11) Tert butyl alcohol	5.524	59	95344	327.529	ug/l	98
15) Acrylonitrile	5.530	53	973	1.454	ug/l #	13
16) Acetone	4.442	43	8716	14.304	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	2384	0.548	ug/l #	53
24) 1,1-Dichloroethane	6.559	63	1187	0.476	ug/l #	83
25) 2-Butanone	7.430	43	8842	9.610	ug/l #	73
26) 2,2-Dichloropropane	7.435	77	9518	4.105	ug/l #	56
27) cis-1,2-Dichloroethene	7.488	96	342	0.214	ug/l #	1
29) Tetrahydrofuran	7.841	42	124930	215.678	ug/l #	87
31) Cyclohexane	8.235	56	3299	1.458	ug/l #	21
36) 1,1-Dichloropropene	8.229	75	11296	5.721	ug/l #	52
37) Ethyl Acetate	7.559	43	564	0.281	ug/l #	72
38) Carbon Tetrachloride	8.229	117	13661	5.746	ug/l #	16
40) Benzene	8.606	78	13506	2.224	ug/l	94
41) Methacrylonitrile	7.841	41	74191	68.501	ug/l #	52
43) Isopropyl Acetate	8.706	43	3362	Below Cal	#	60
49) 1,4-Dioxane	9.700	88	6651	190.763	ug/l	95
51) 4-Methyl-2-Pentanone	10.423	43	2729	1.369	ug/l #	39
52) Toluene	10.629	92	4197	1.106	ug/l	95
59) 2-Hexanone	11.300	43	1525	1.029	ug/l	69
65) Chlorobenzene	11.894	112	48822	10.564	ug/l	99
67) Ethyl Benzene	11.965	91	69948	9.006	ug/l	97
68) m/p-Xylenes	12.076	106	8117	2.768	ug/l	94
69) o-Xylene	12.400	106	9199	3.274	ug/l	94
70) Styrene	12.412	104	1062	0.229	ug/l #	1
71) Bromoform	12.853	173	577	0.446	ug/l #	1
73) Isopropylbenzene	12.700	105	11906	1.699	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	54202	32.590	ug/l #	1
78) n-propylbenzene	13.035	91	8585	1.065	ug/l	98
79) 2-Chlorotoluene	13.135	91	3469	0.676	ug/l	79
80) 1,3,5-Trimethylbenzene	13.170	105	1863	0.329	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	54202	64.096	ug/l #	6
82) 4-Chlorotoluene	13.135	91	3469	0.682	ug/l	79

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ALS Vial : 16 Sample Multiplier: 1

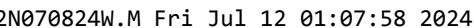
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

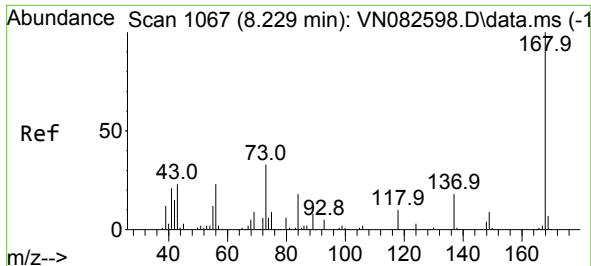
Quant Time: Jul 12 01:07:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.482	105	12432	2.153	ug/l	99
86) p-Isopropyltoluene	13.735	119	1490	0.263	ug/l #	77
87) 1,3-Dichlorobenzene	13.817	146	32168	9.847	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	32168	9.522	ug/l	97
90) Hexachloroethane	14.329	117	502	0.419	ug/l #	14
91) 1,2-Dichlorobenzene	14.111	146	1994	0.629	ug/l	92
95) Naphthalene	15.641	128	56201	9.604	ug/l	99

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

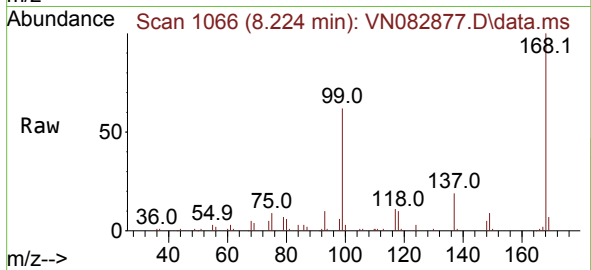
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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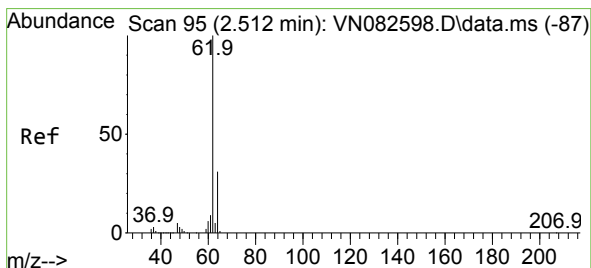
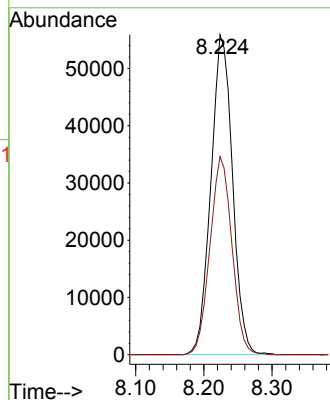
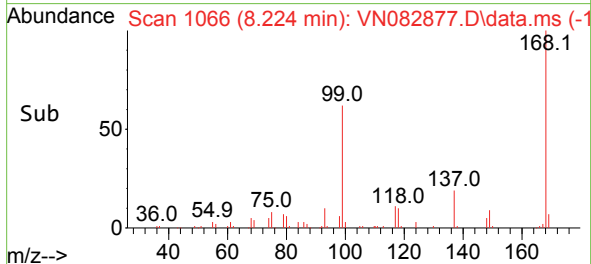


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
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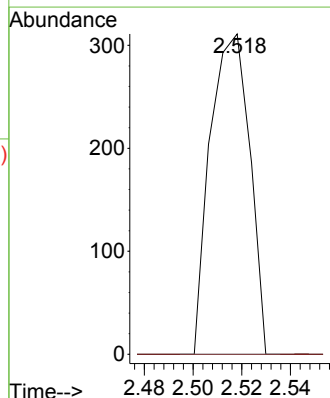
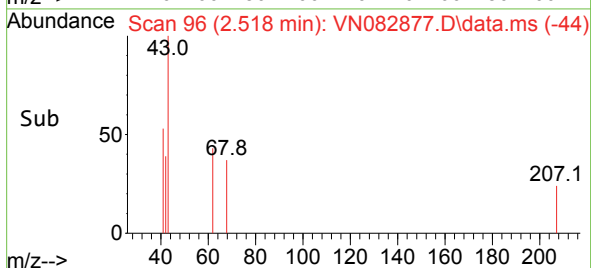
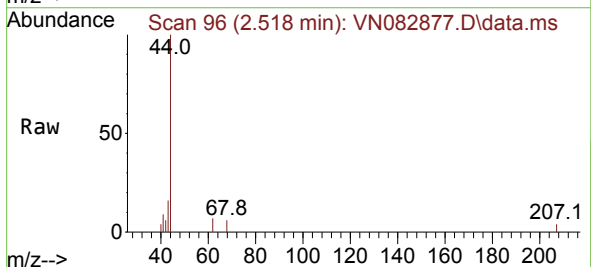


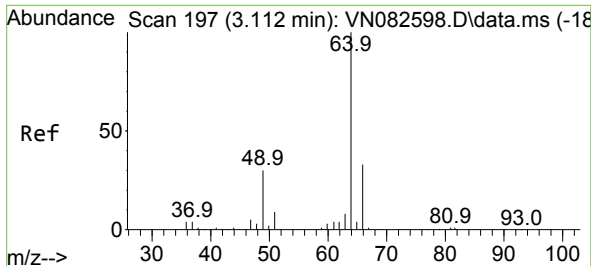
Tgt Ion:168 Resp: 123466
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#4
Vinyl Chloride
Concen: 0.220 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 62 Resp: 351
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#





#6

Chloroethane

Concen: 0.855 ug/l

RT: 3.124 min Scan# 197

Delta R.T. 0.012 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

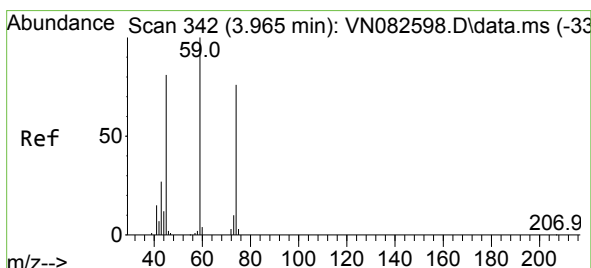
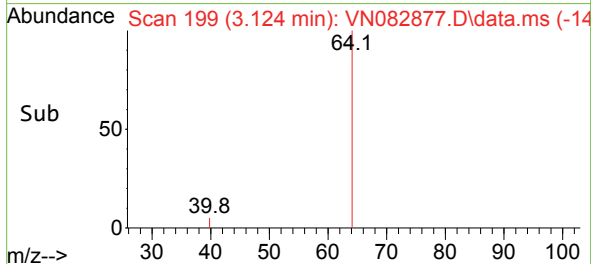
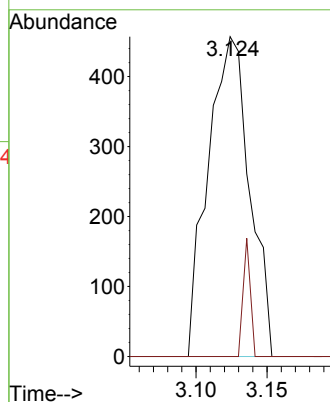
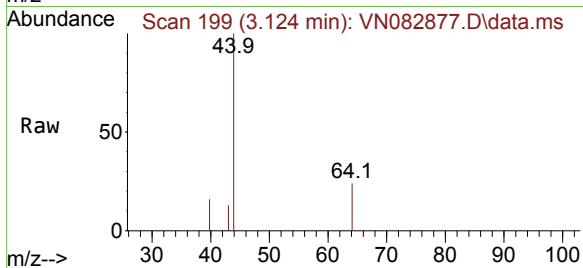
240710079-02

Tgt Ion: 64 Resp: 932

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



#8

Diethyl Ether

Concen: 16.993 ug/l

RT: 3.959 min Scan# 341

Delta R.T. -0.006 min

Lab File: VN082877.D

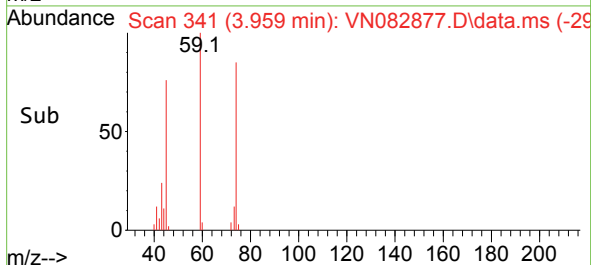
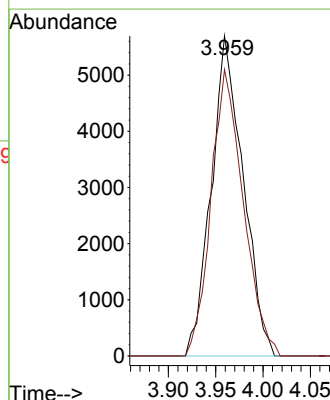
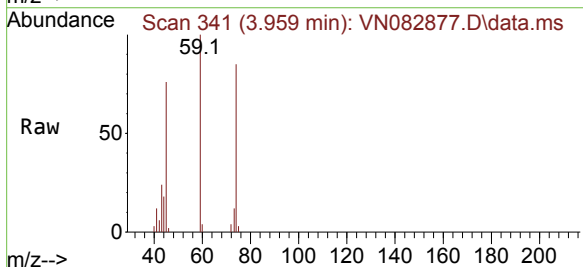
Acq: 11 Jul 2024 15:32

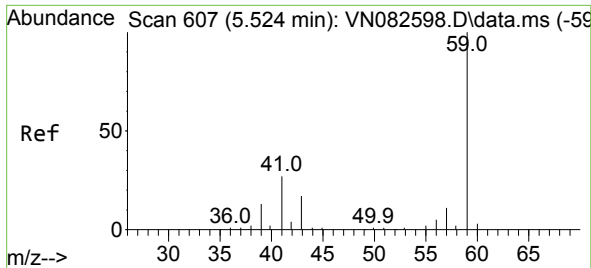
Tgt Ion: 74 Resp: 13317

Ion Ratio Lower Upper

74 100

45 90.8 55.5 166.3

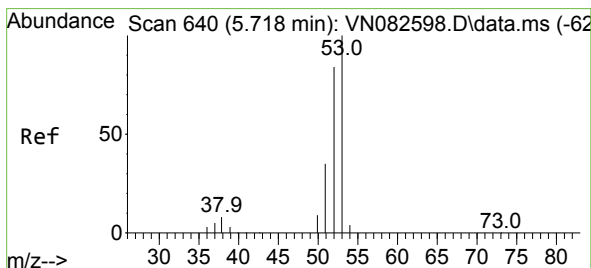
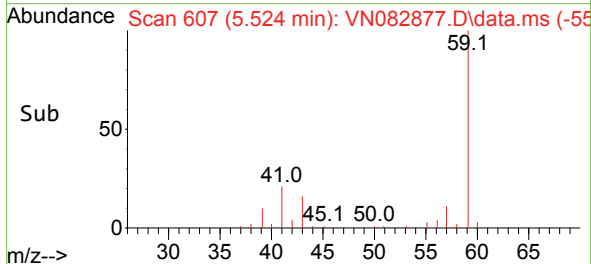
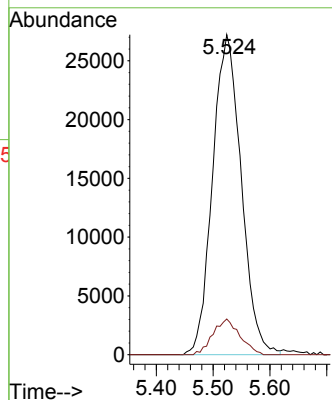
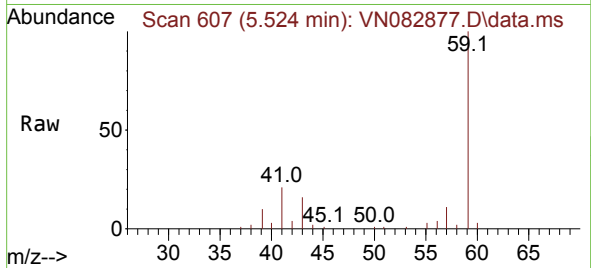




#11
Tert butyl alcohol
Concen: 327.529 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

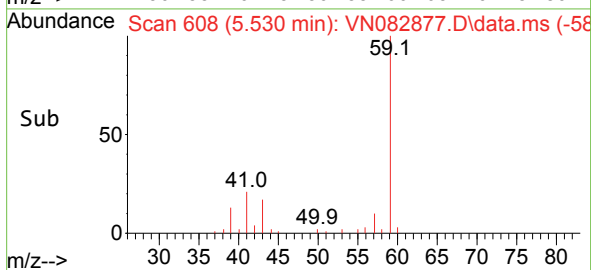
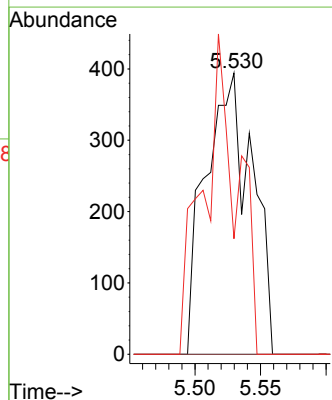
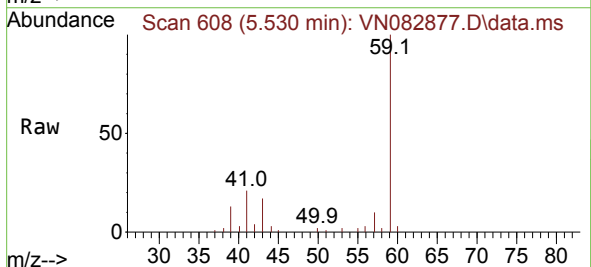
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

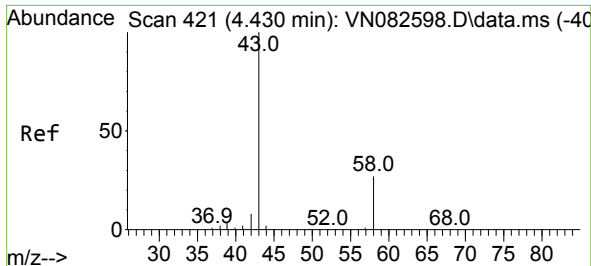
Tgt Ion: 59 Resp: 95344
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3



#15
Acrylonitrile
Concen: 1.454 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.188 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 53 Resp: 973
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 83.7 30.1 45.1#

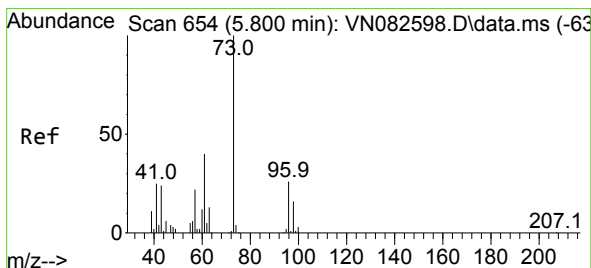
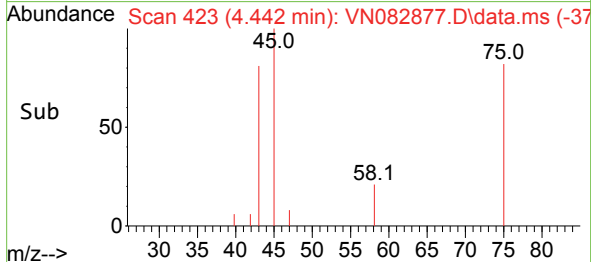
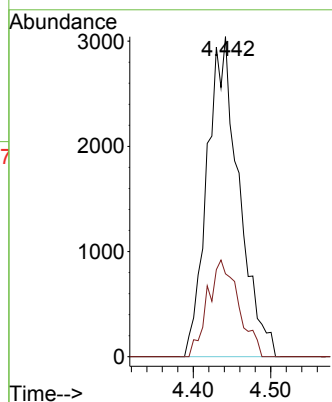
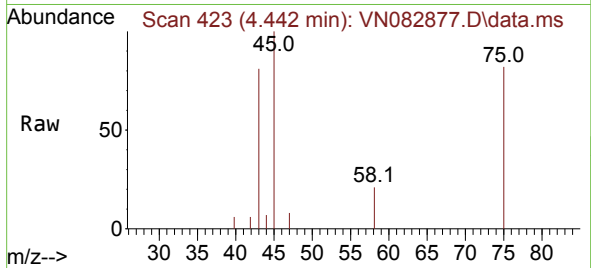




#16
Acetone
Concen: 14.304 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

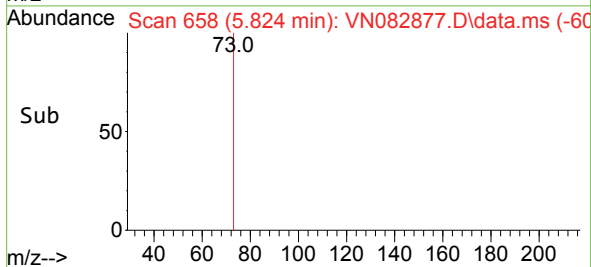
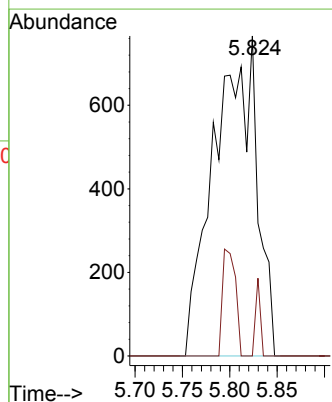
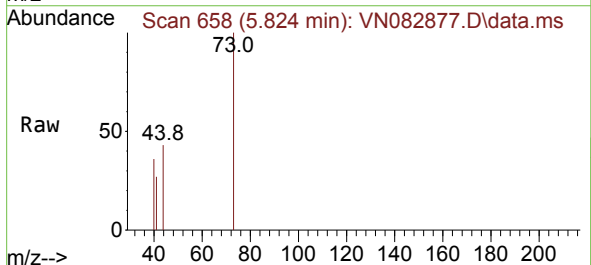
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

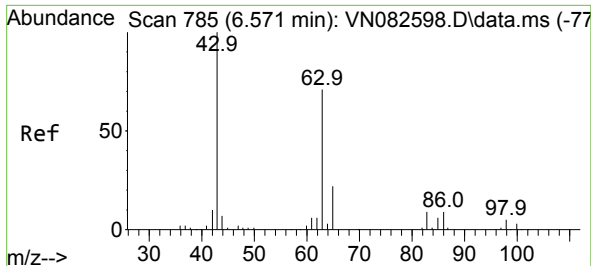
Tgt Ion: 43 Resp: 8716
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6



#19
Methyl tert-butyl Ether
Concen: 0.548 ug/l
RT: 5.824 min Scan# 658
Delta R.T. 0.024 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 73 Resp: 2384
Ion Ratio Lower Upper
73 100
57 0.0 17.9 26.9#

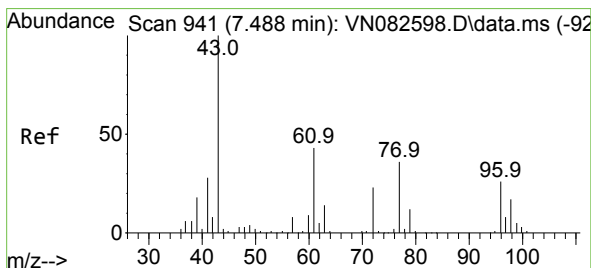
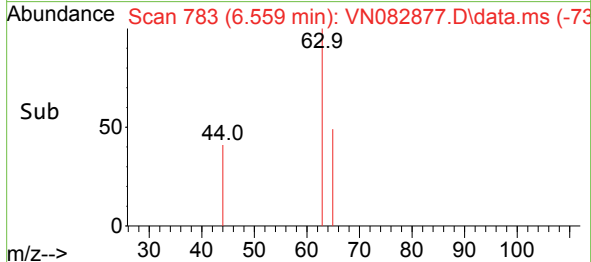
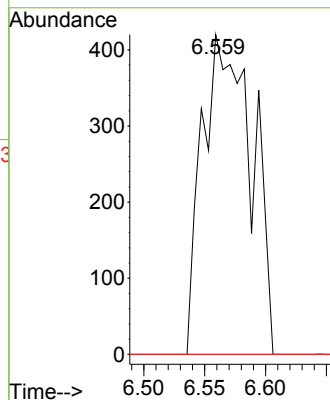
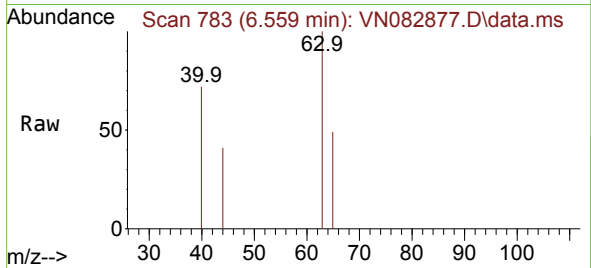




#24
1,1-Dichloroethane
Concen: 0.476 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

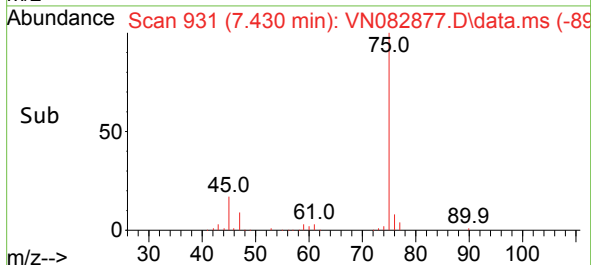
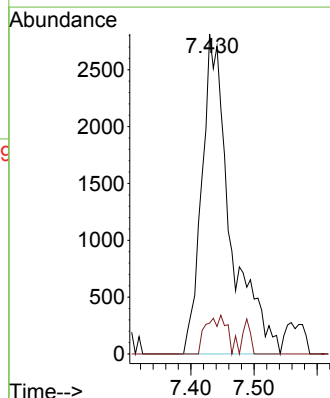
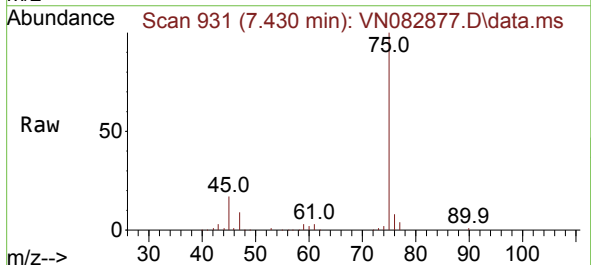
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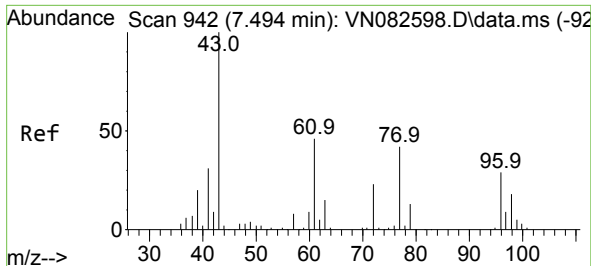
Tgt Ion: 63 Resp: 1187
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 9.610 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.058 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 43 Resp: 8842
Ion Ratio Lower Upper
43 100
72 9.7 18.2 27.2#





#26

2,2-Dichloropropane

Concen: 4.105 ug/l

RT: 7.435 min Scan# 91

Delta R.T. -0.059 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

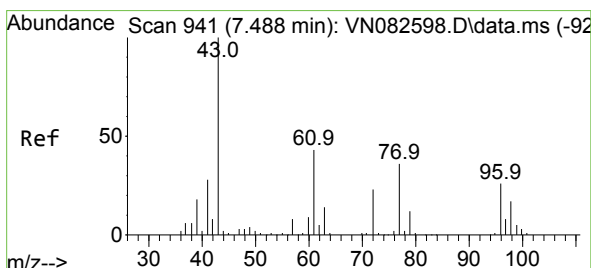
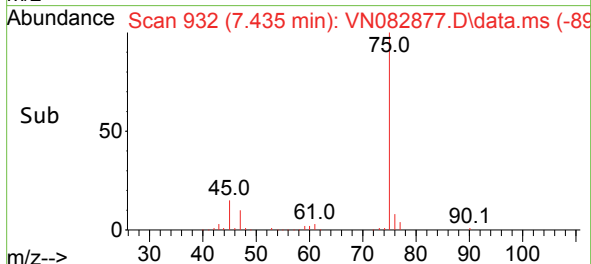
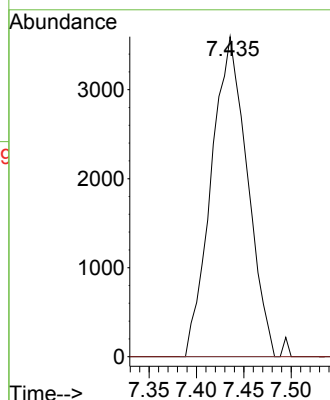
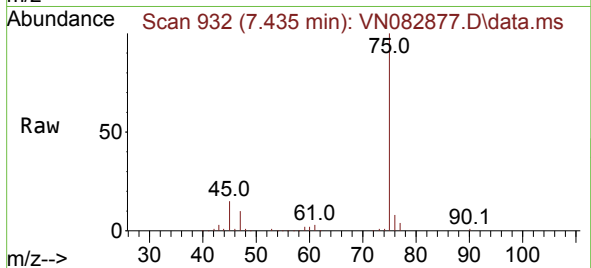
240710079-02

Tgt Ion: 77 Resp: 9518

Ion Ratio Lower Upper

77 100

97 0.0 10.3 30.9#



#27

cis-1,2-Dichloroethene

Concen: 0.214 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

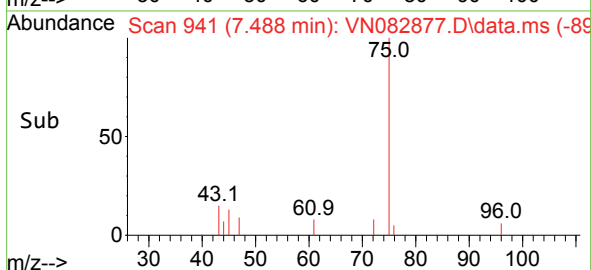
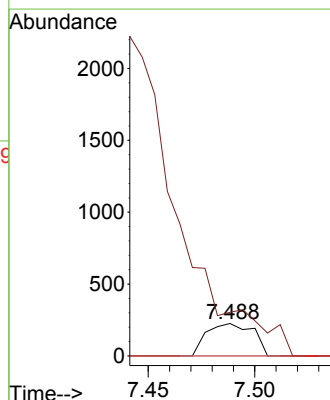
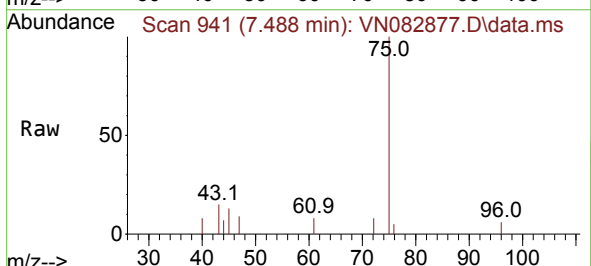
Tgt Ion: 96 Resp: 342

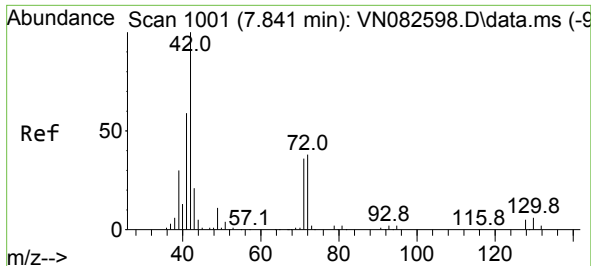
Ion Ratio Lower Upper

96 100

61 0.0 0.0 329.6

98 0.0 0.0 128.6





#29

Tetrahydrofuran

Concen: 215.678 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082877.D

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Instrument :

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ClientSampleId :

240710079-02

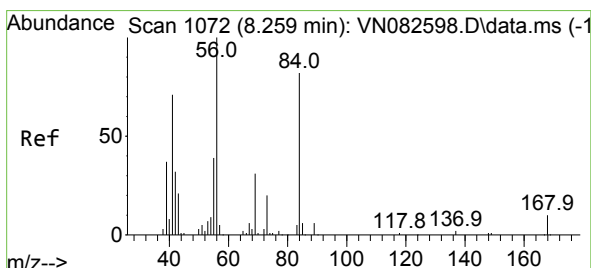
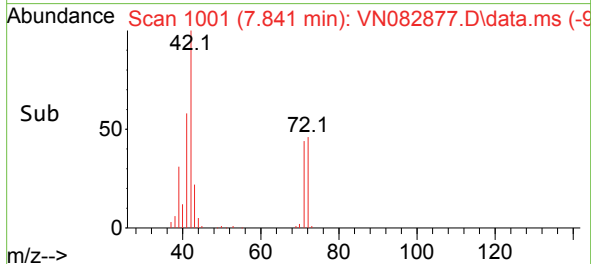
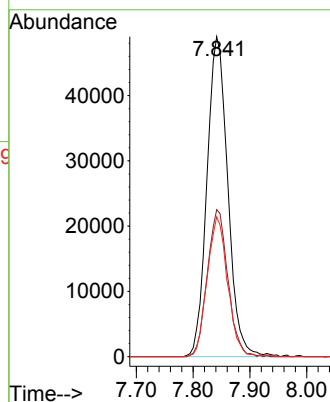
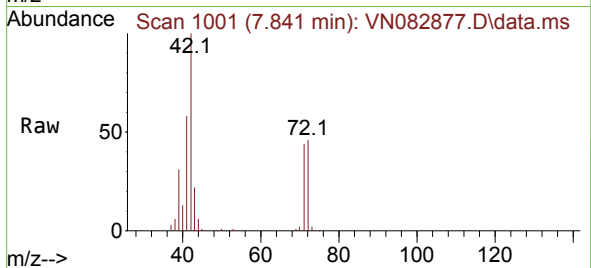
Tgt Ion: 42 Resp: 124930

Ion Ratio Lower Upper

42 100

72 45.4 30.0 45.0#

71 42.7 28.3 42.5#



#31

Cyclohexane

Concen: 1.458 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.024 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

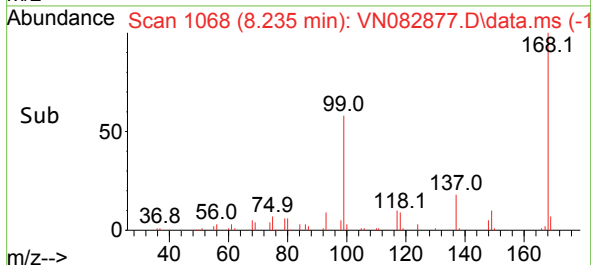
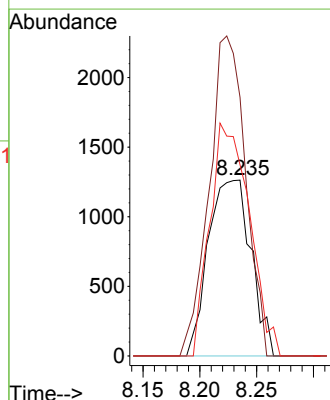
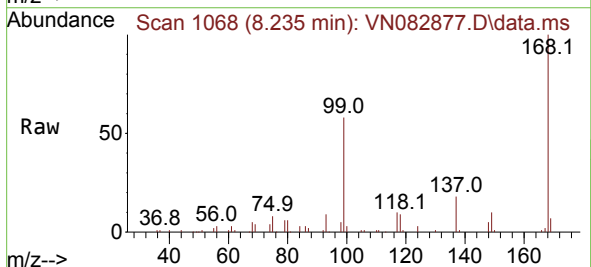
Tgt Ion: 56 Resp: 3299

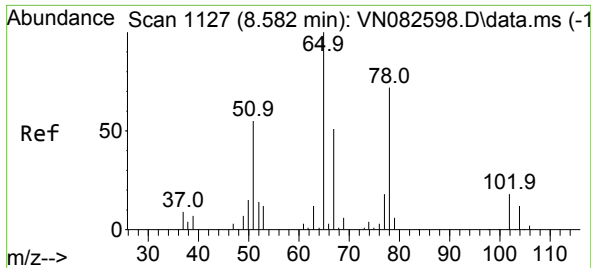
Ion Ratio Lower Upper

56 100

69 147.1 24.5 36.7#

84 108.6 66.0 99.0#

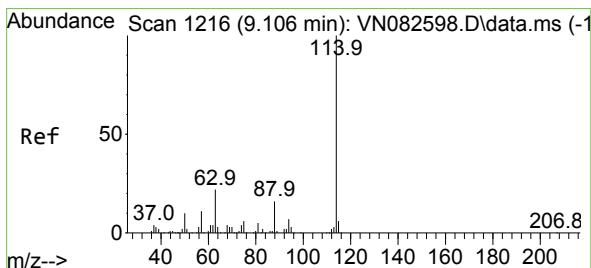
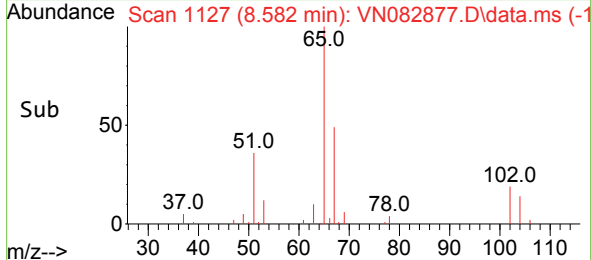
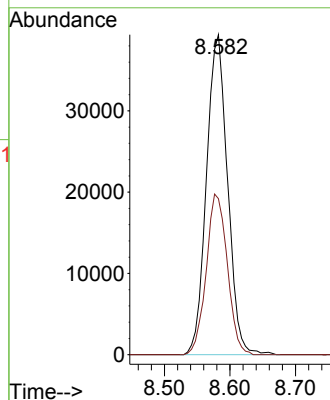
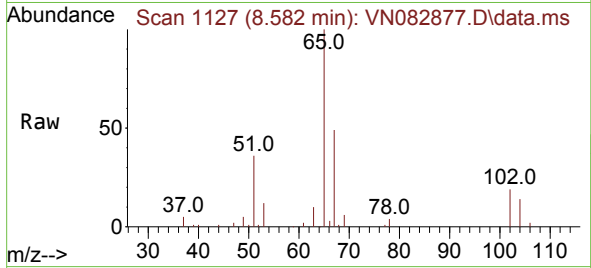




#33
 1,2-Dichloroethane-d4
 Concen: 50.901 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082877.D
 Acq: 11 Jul 2024 15:32

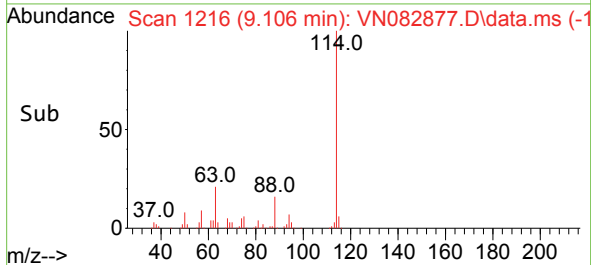
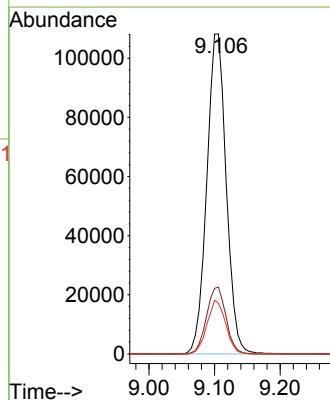
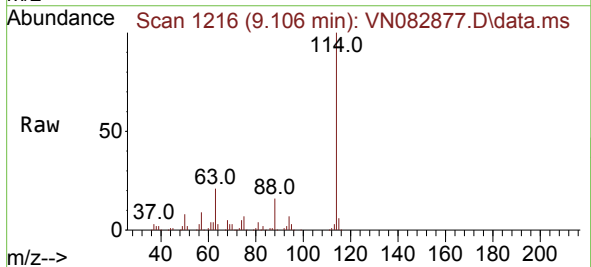
Instrument :
 MSVOA_N
 ClientSampleId :
 240710079-02

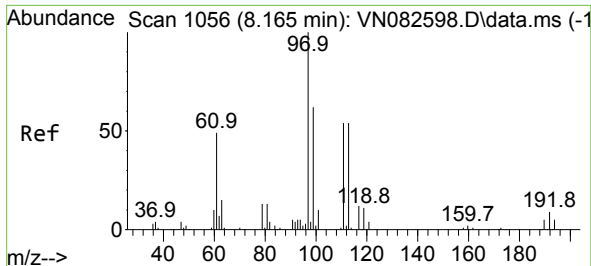
Tgt Ion: 65 Resp: 88096
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082877.D
 Acq: 11 Jul 2024 15:32

Tgt Ion: 114 Resp: 223197
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.718 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

240710079-02

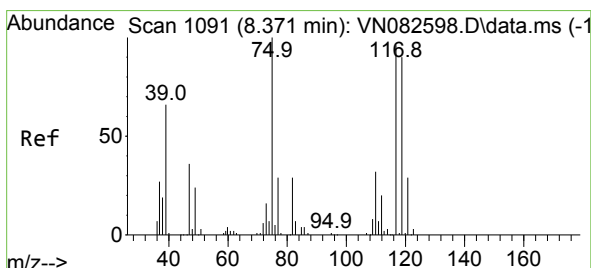
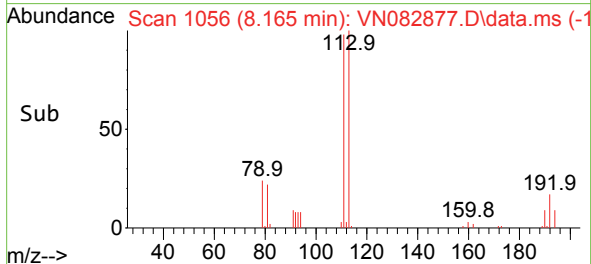
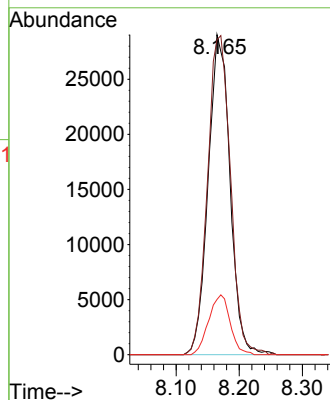
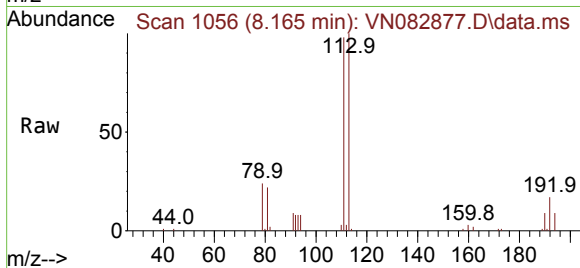
Tgt Ion:113 Resp: 69774

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.721 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

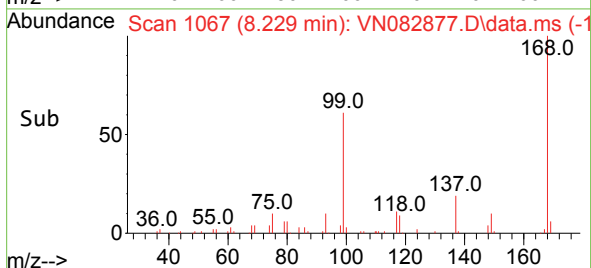
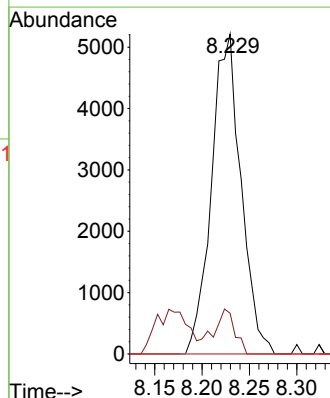
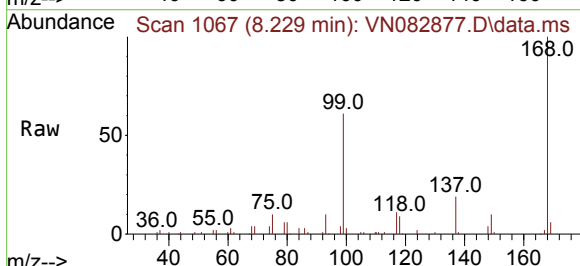
Tgt Ion: 75 Resp: 11296

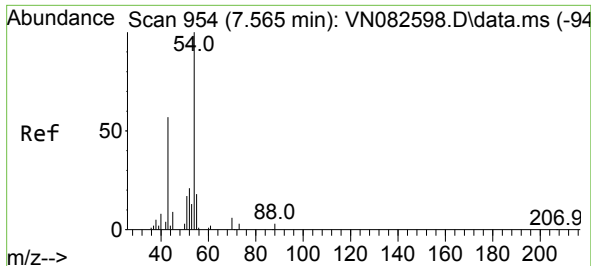
Ion Ratio Lower Upper

75 100

110 9.6 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.281 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082877.D

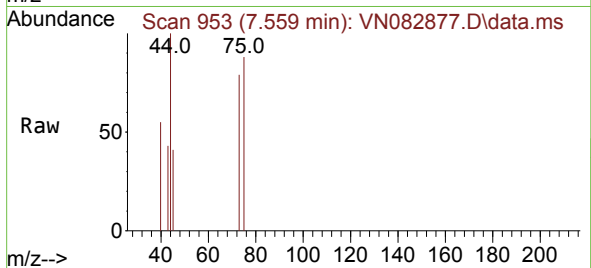
Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

240710079-02



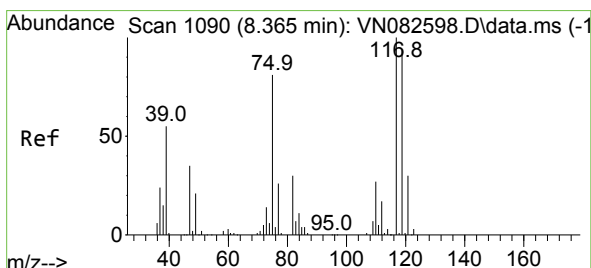
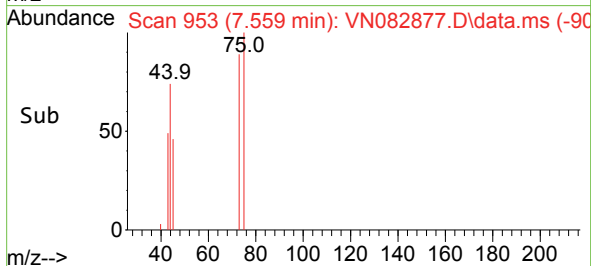
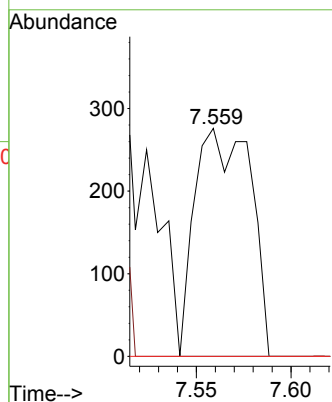
Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

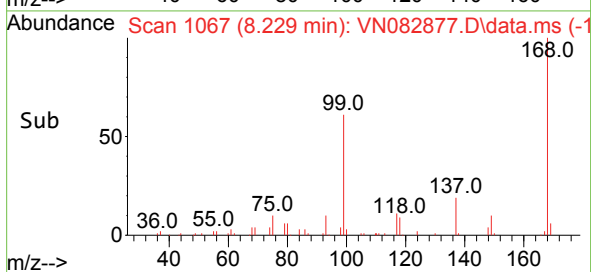
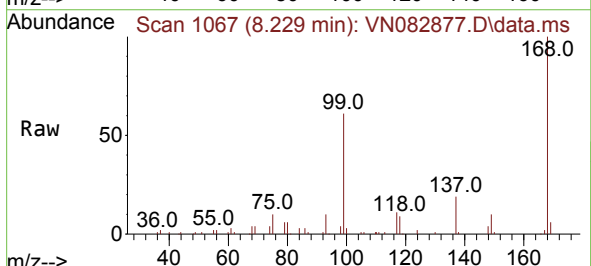
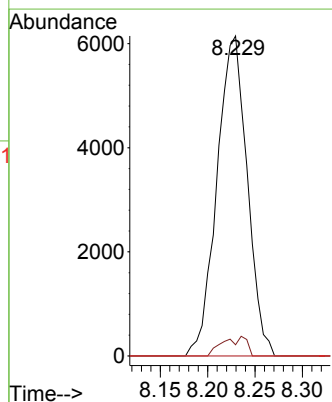
Tgt Ion: 117 Resp: 13661

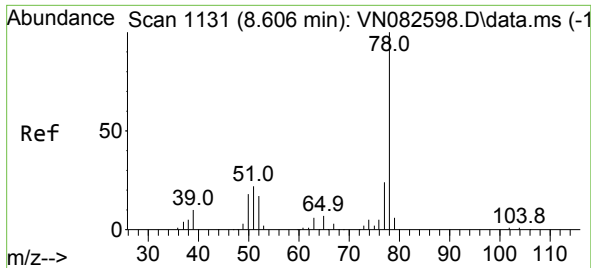
Ion Ratio Lower Upper

117 100

119 3.5 74.9 112.3#

121 0.0 24.3 36.5#

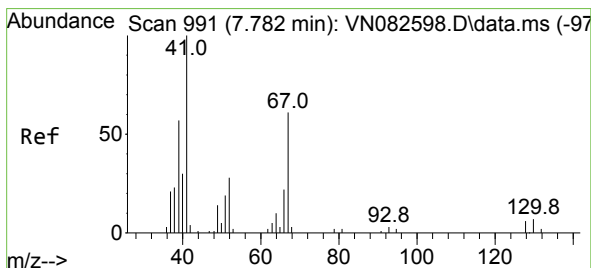
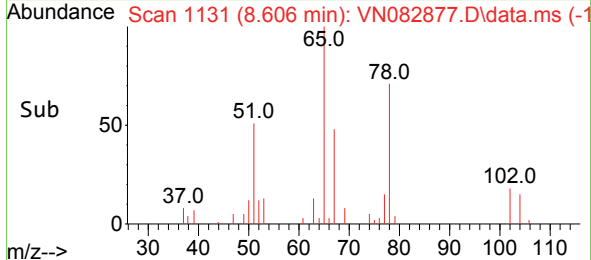
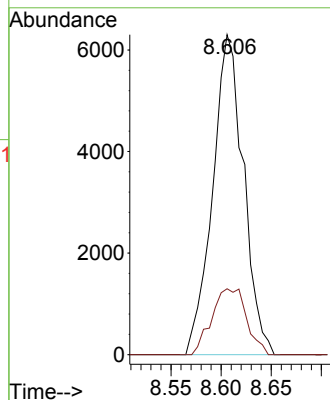
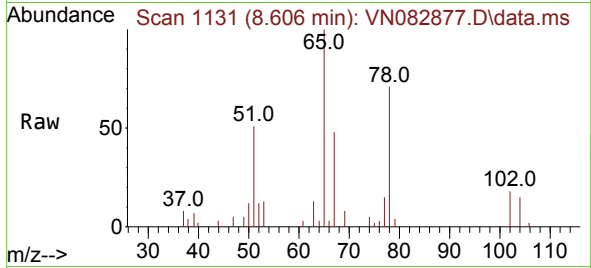




#40
Benzene
Concen: 2.224 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

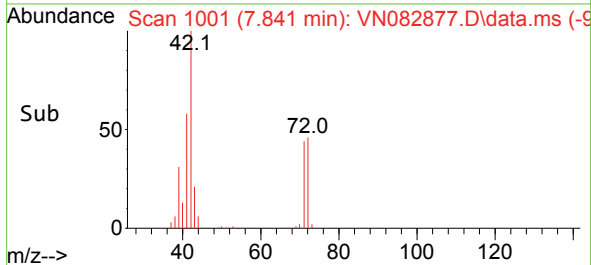
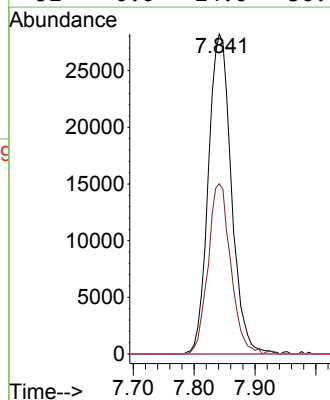
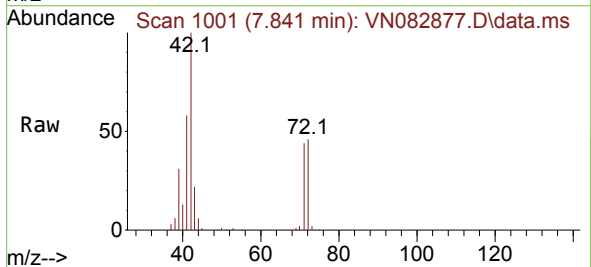
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

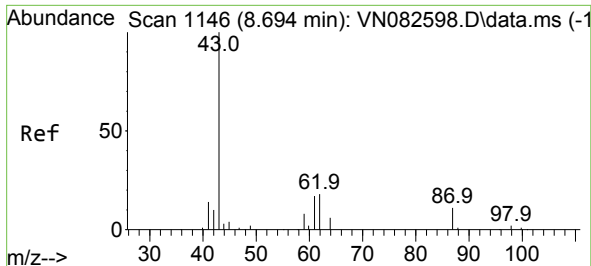
Tgt Ion: 78 Resp: 13506
Ion Ratio Lower Upper
78 100
77 20.6 19.0 28.4



#41
Methacrylonitrile
Concen: 68.501 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.059 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 41 Resp: 74191
Ion Ratio Lower Upper
41 100
39 52.2 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#

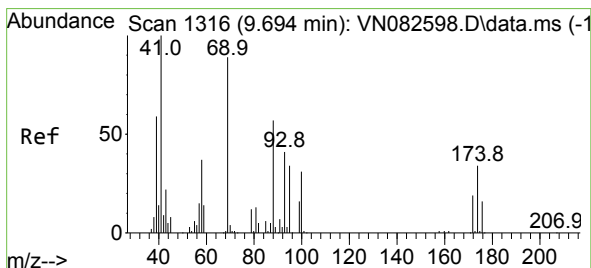
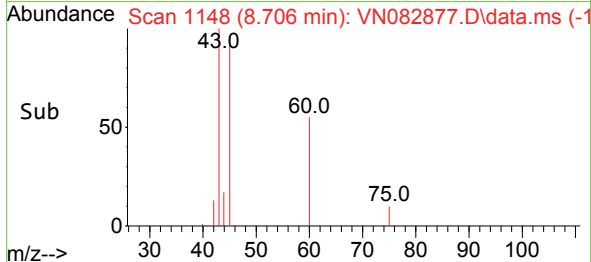
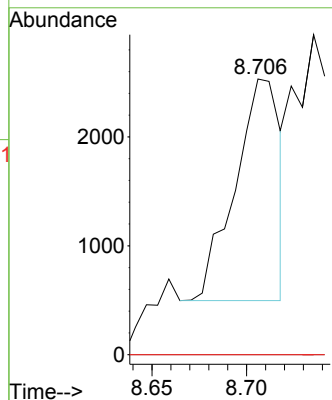
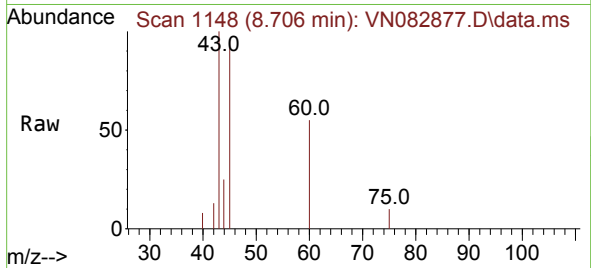




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

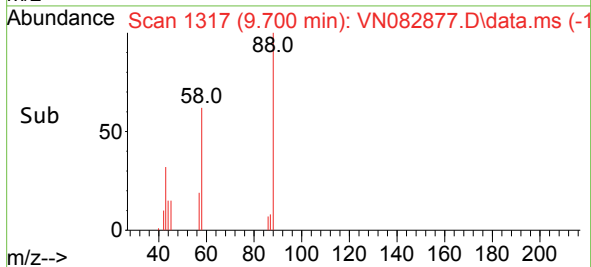
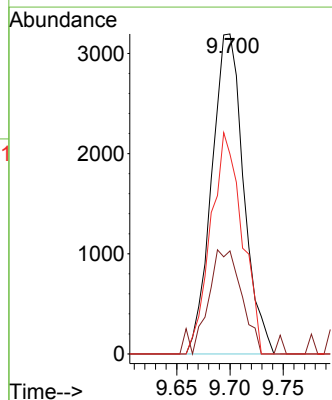
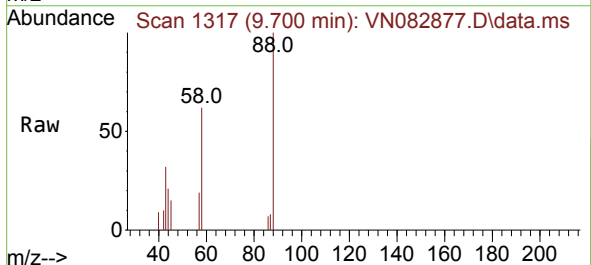
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

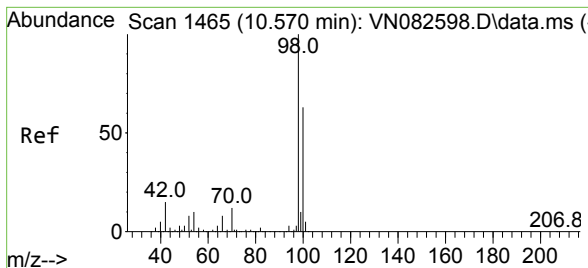
Tgt Ion: 43 Resp: 3362
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#49
1,4-Dioxane
Concen: 190.763 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 88 Resp: 6651
Ion Ratio Lower Upper
88 100
43 34.5 27.8 41.8
58 68.1 59.4 89.0

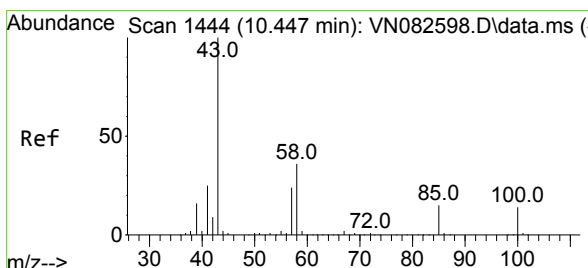
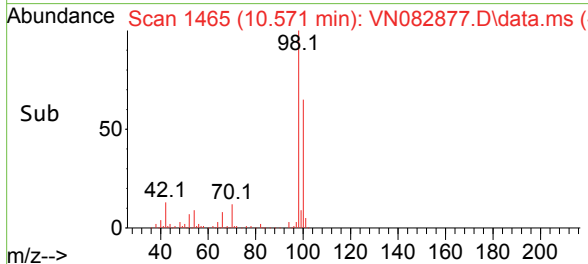
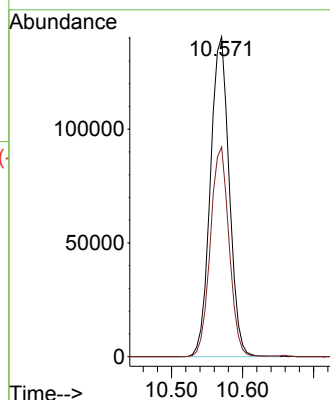
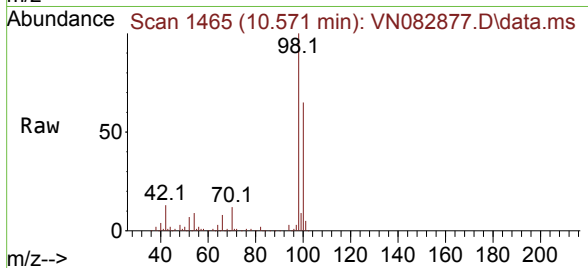




#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

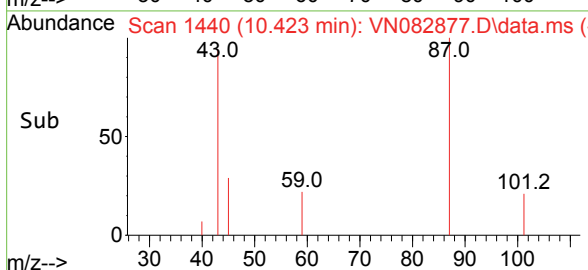
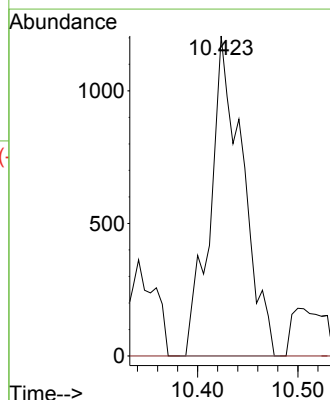
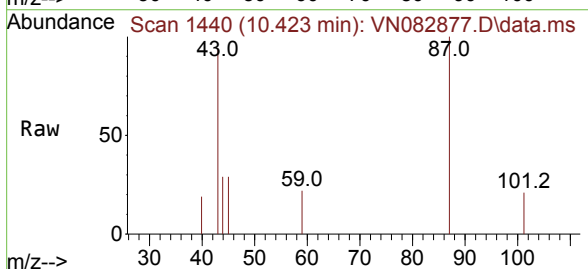
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

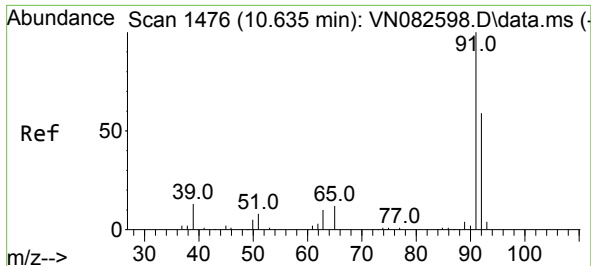
Tgt Ion: 98 Resp: 258892
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.369 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.024 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

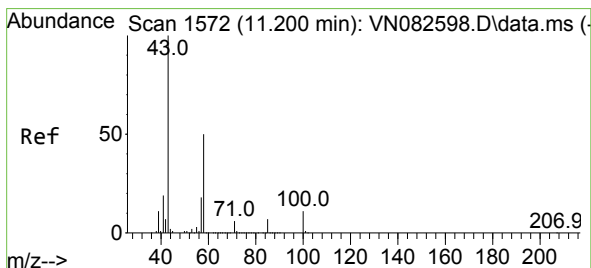
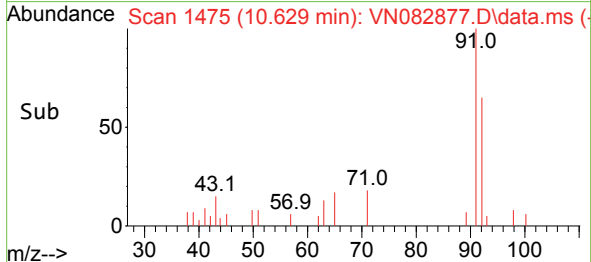
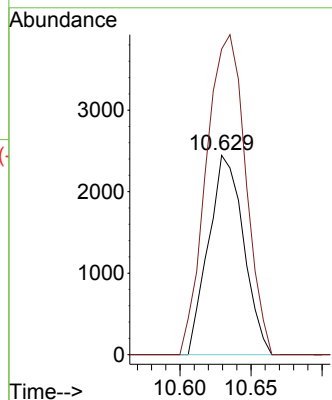
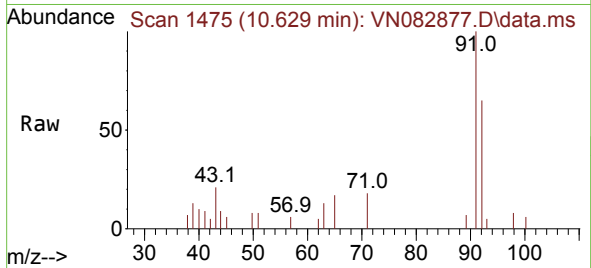




#52
Toluene
Concen: 1.106 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

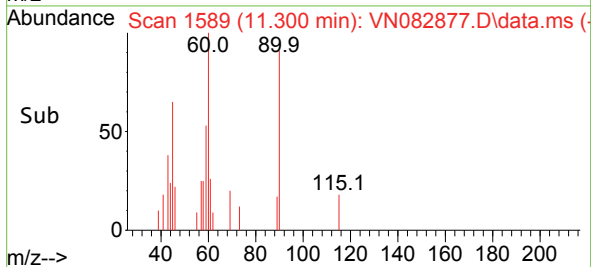
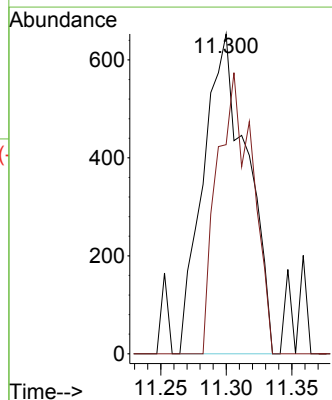
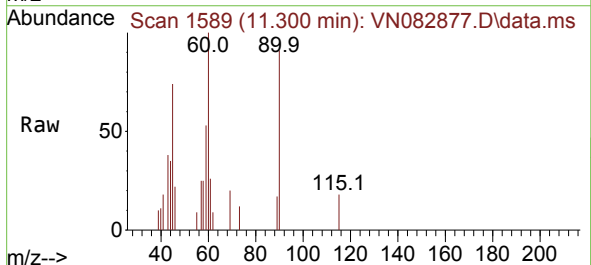
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

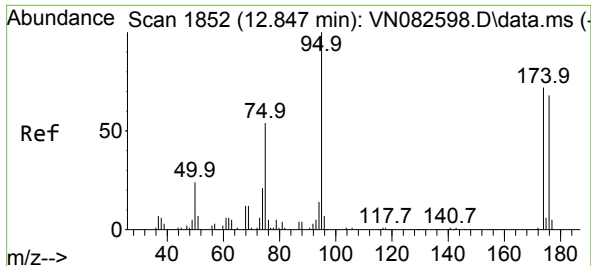
Tgt Ion: 92 Resp: 4197
Ion Ratio Lower Upper
92 100
91 180.5 139.4 209.0



#59
2-Hexanone
Concen: 1.029 ug/l
RT: 11.300 min Scan# 1589
Delta R.T. 0.100 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 70.2 24.6 73.8

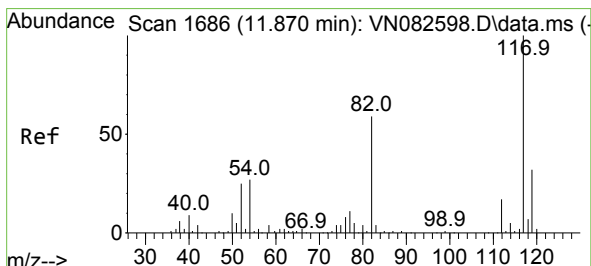
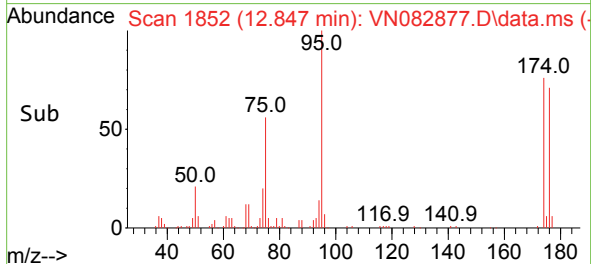
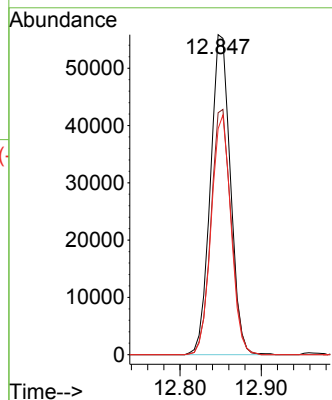
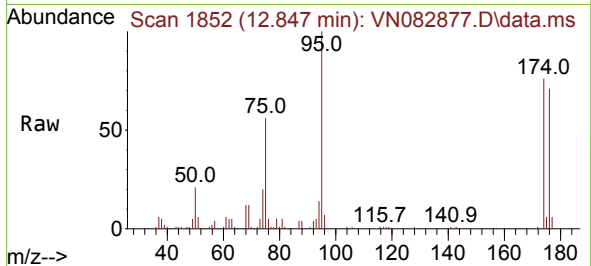




#62
4-Bromofluorobenzene
Concen: 50.276 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

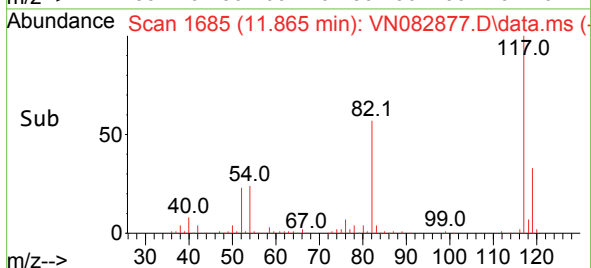
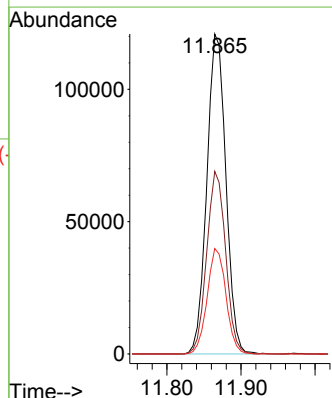
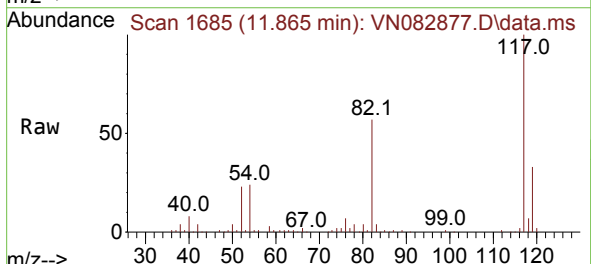
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

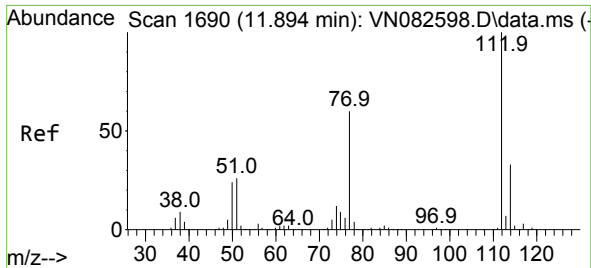
Tgt Ion: 95 Resp: 95532
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 73.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 117 Resp: 215665
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.9 25.6 38.4

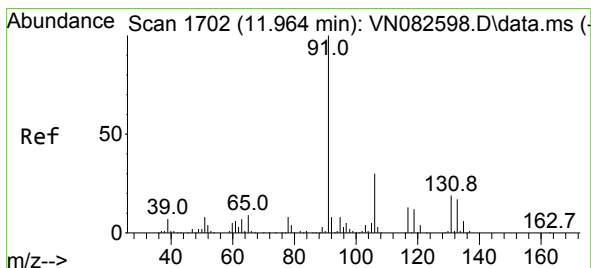
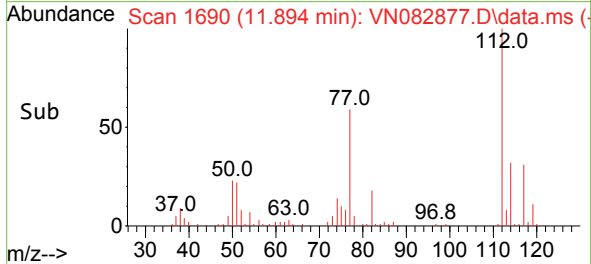
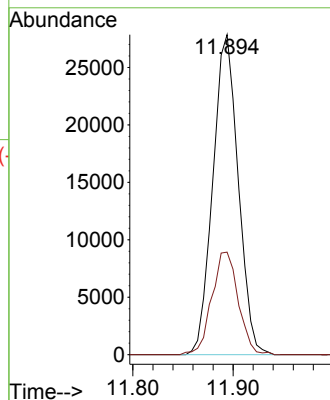
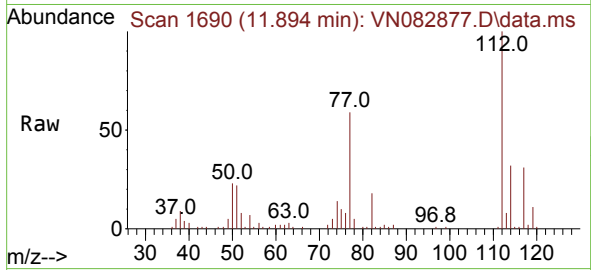




#65
Chlorobenzene
Concen: 10.564 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

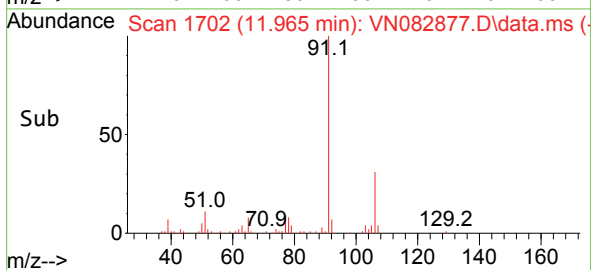
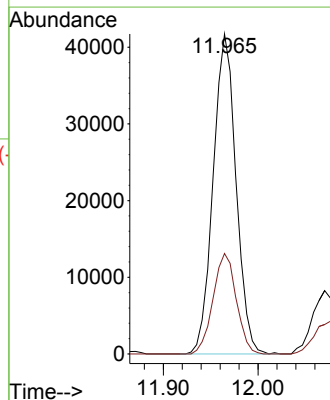
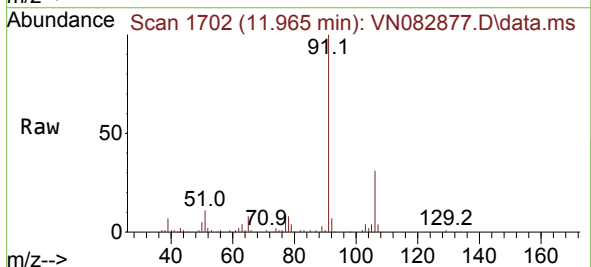
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

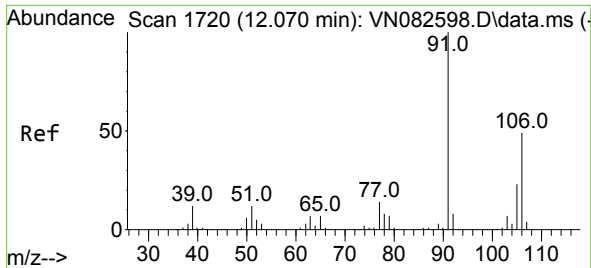
Tgt Ion:112 Resp: 48822
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#67
Ethyl Benzene
Concen: 9.006 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 91 Resp: 69948
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0

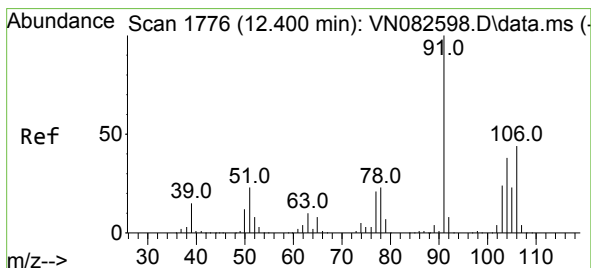
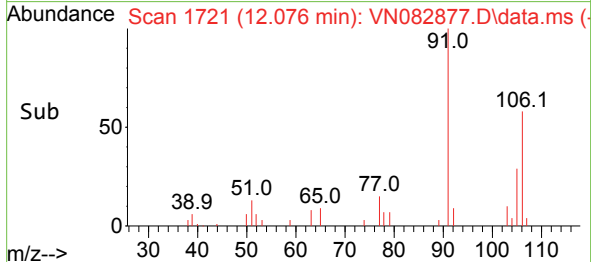
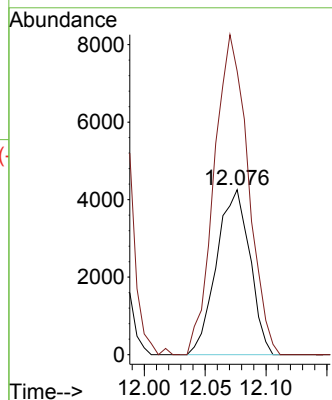
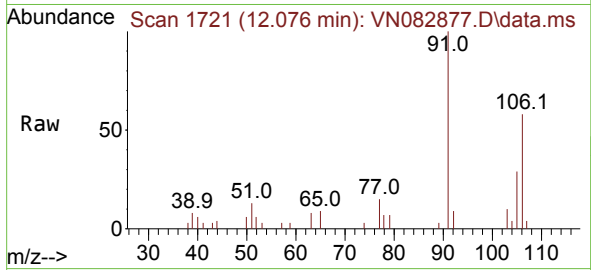




#68
m/p-Xylenes
Concen: 2.768 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

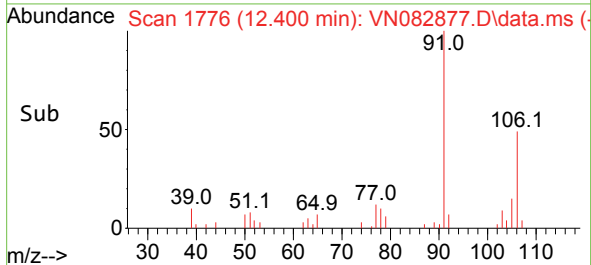
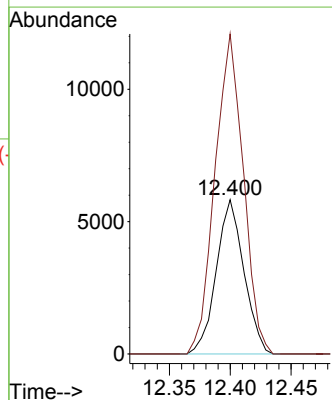
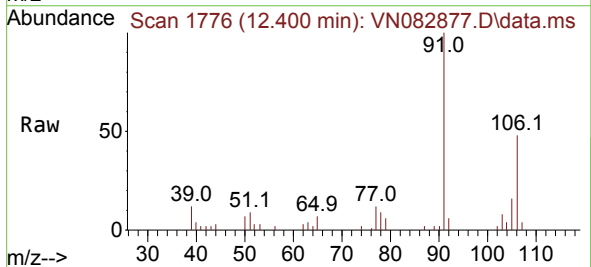
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

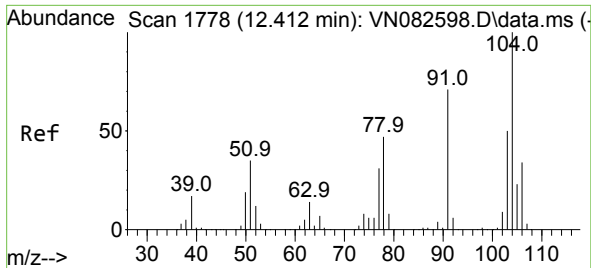
Tgt Ion:106 Resp: 8117
Ion Ratio Lower Upper
106 100
91 197.8 166.1 249.1



#69
o-Xylene
Concen: 3.274 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion:106 Resp: 9199
Ion Ratio Lower Upper
106 100
91 213.1 111.3 333.9

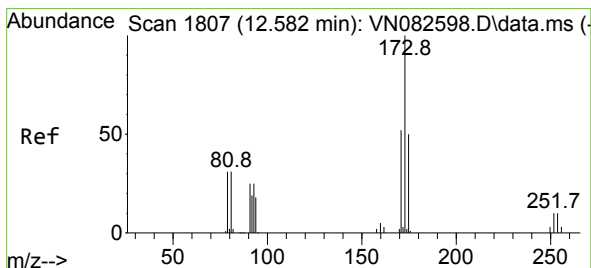
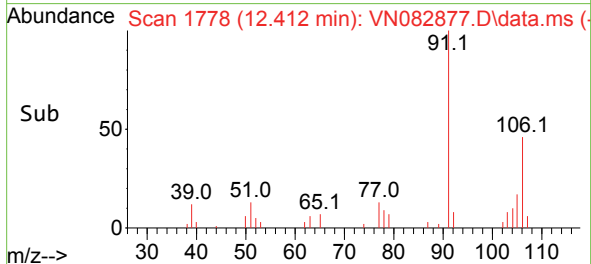
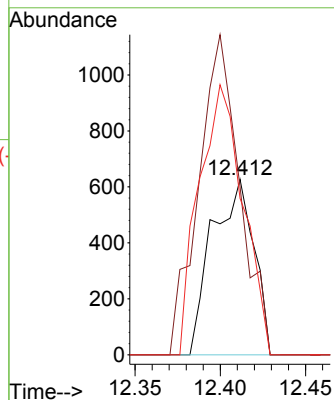
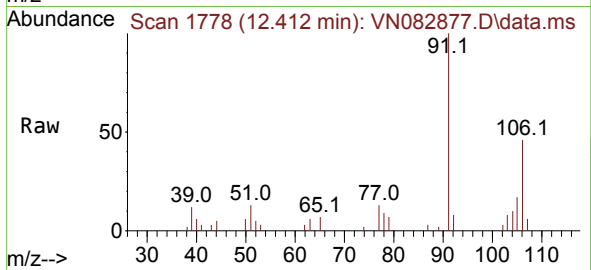




#70
Styrene
Concen: 0.229 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

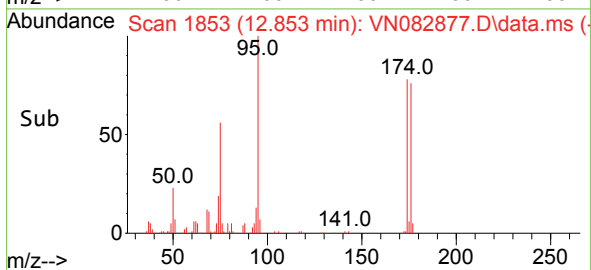
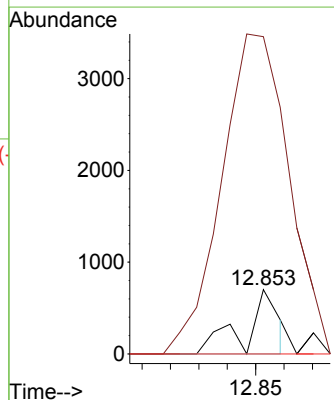
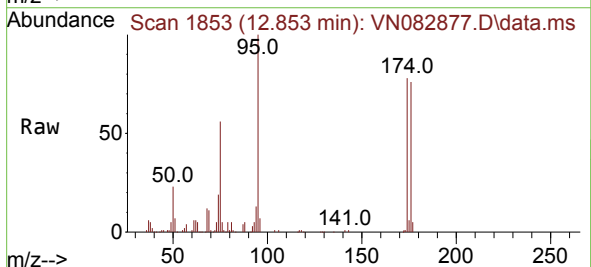
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

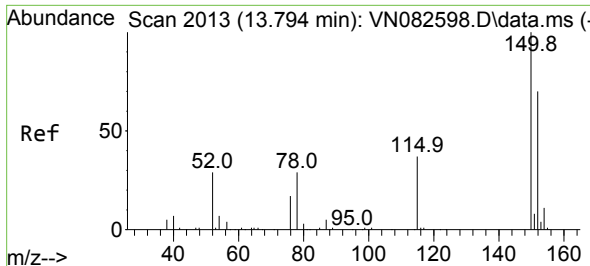
Tgt Ion:104 Resp: 1062
Ion Ratio Lower Upper
104 100
78 180.5 41.6 62.4#
103 163.2 44.0 66.0#



#71
Bromoform
Concen: 0.446 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion:173 Resp: 577
Ion Ratio Lower Upper
173 100
175 867.8 24.0 72.0#
254 0.0 0.0 0.0

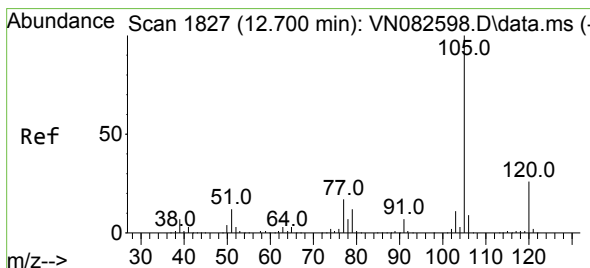
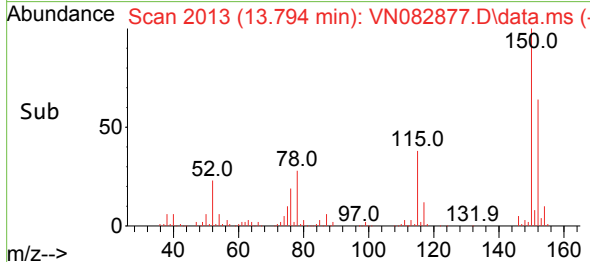
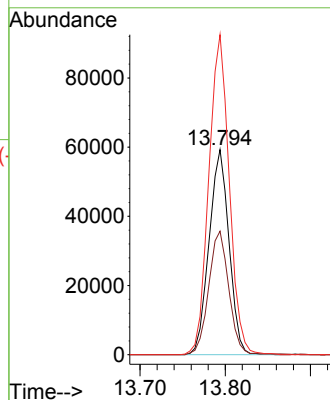
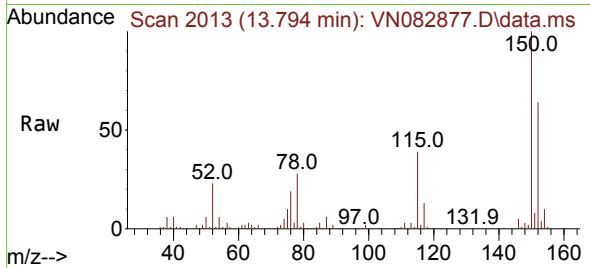




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

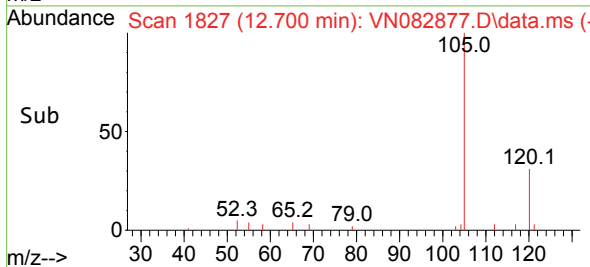
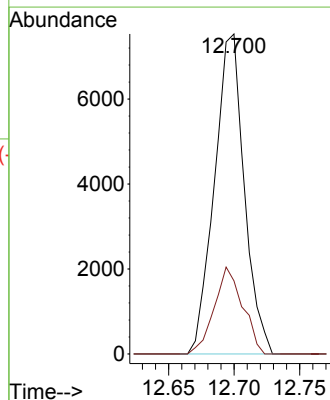
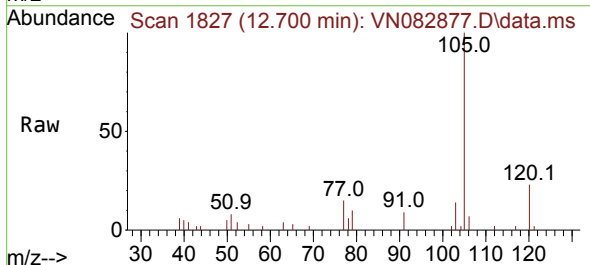
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

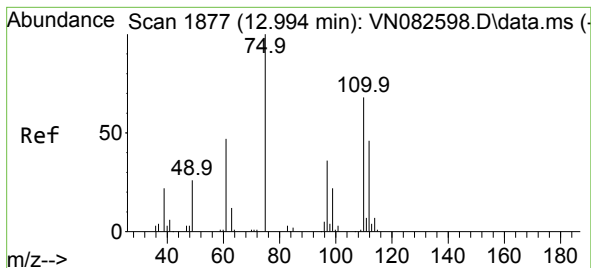
Tgt Ion:152 Resp: 96466
Ion Ratio Lower Upper
152 100
115 61.1 30.6 91.6
150 159.9 0.0 348.6



#73
Isopropylbenzene
Concen: 1.699 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion:105 Resp: 11906
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 32.590 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

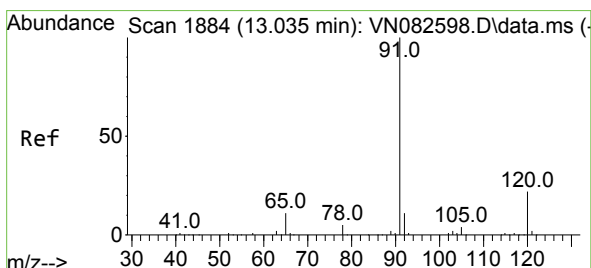
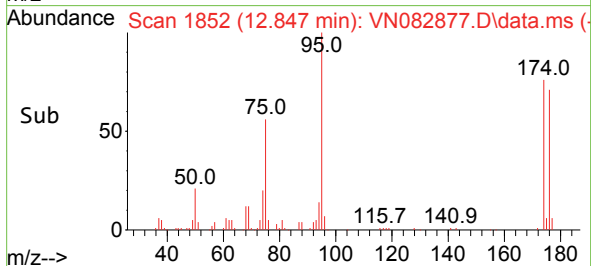
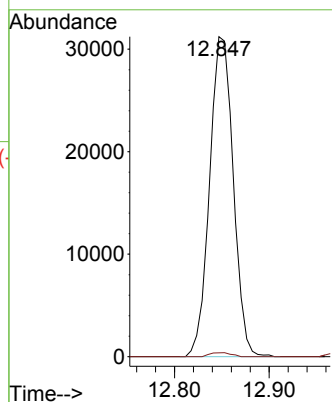
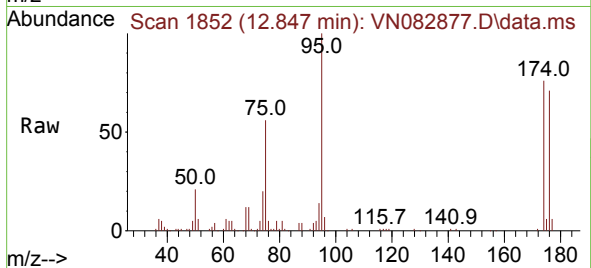
240710079-02

Tgt Ion: 75 Resp: 54202

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#78

n-propylbenzene

Concen: 1.065 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082877.D

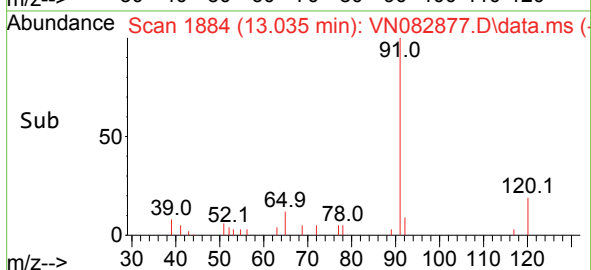
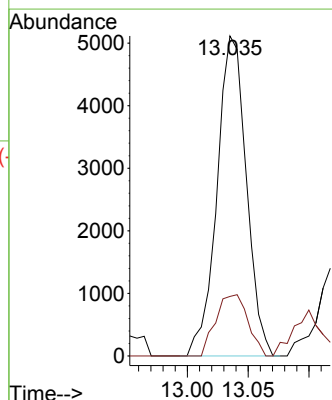
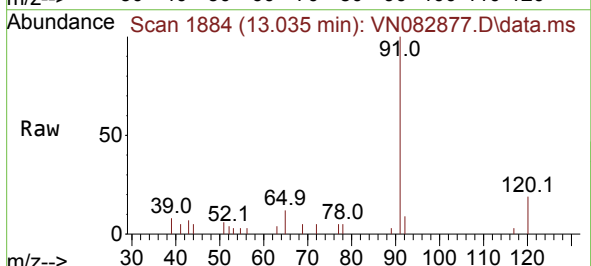
Acq: 11 Jul 2024 15:32

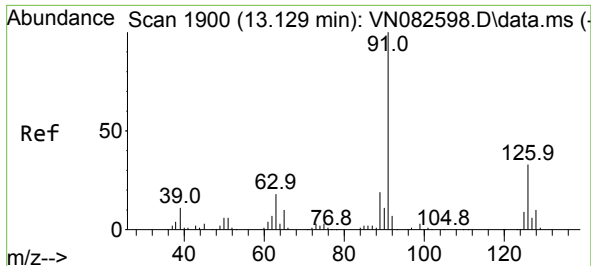
Tgt Ion: 91 Resp: 8585

Ion Ratio Lower Upper

91 100

120 20.9 10.9 32.9

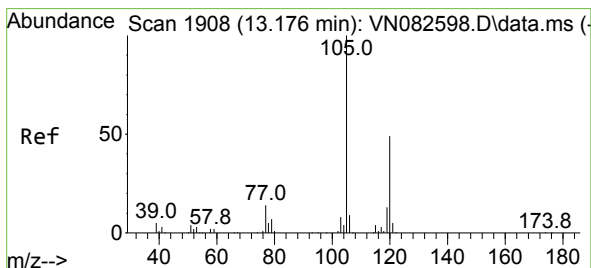
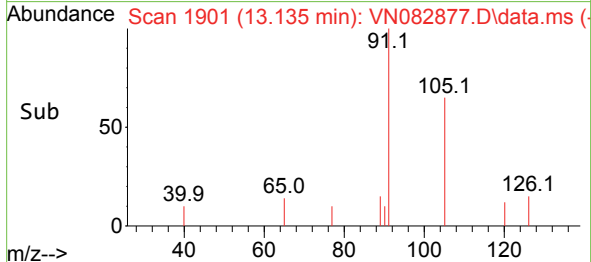
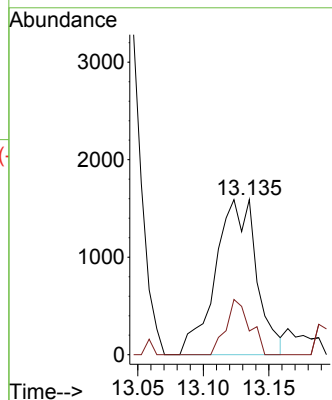
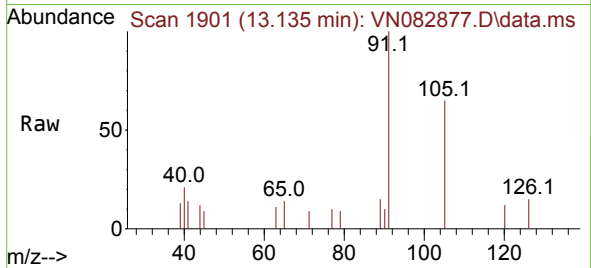




#79
2-Chlorotoluene
Concen: 0.676 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

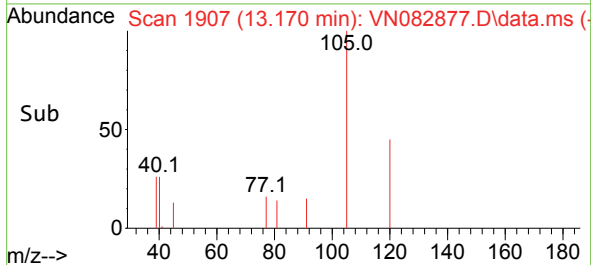
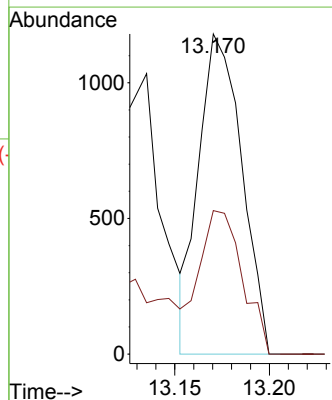
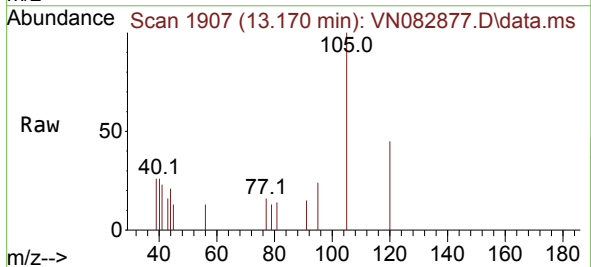
Instrument :
MSVOA_N
ClientSampleId :
240710079-02

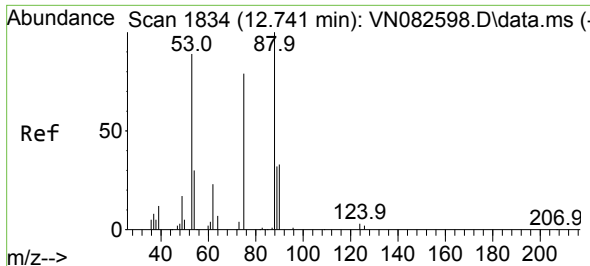
Tgt Ion: 91 Resp: 3469
Ion Ratio Lower Upper
91 100
126 20.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 0.329 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Tgt Ion: 105 Resp: 1863
Ion Ratio Lower Upper
105 100
120 45.2 24.3 72.8

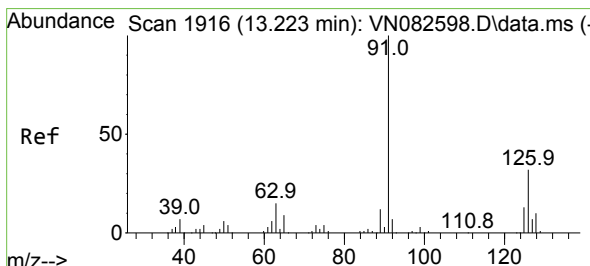
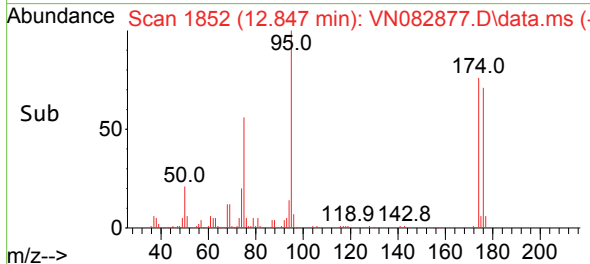
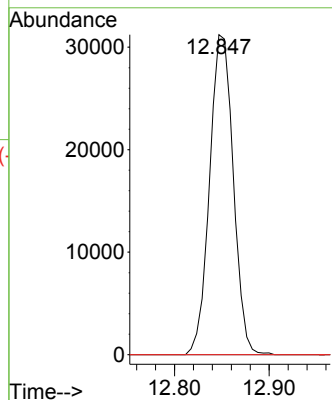
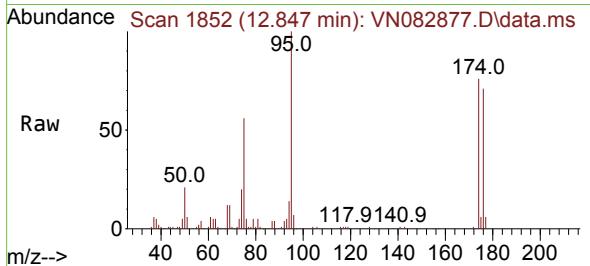




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.096 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082877.D
 Acq: 11 Jul 2024 15:32

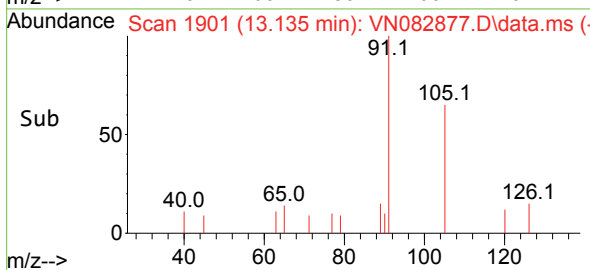
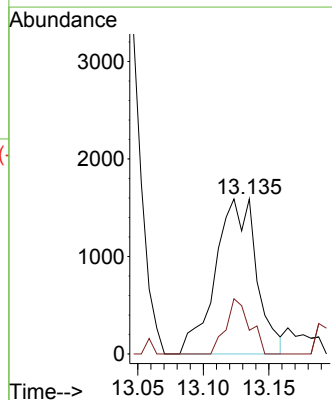
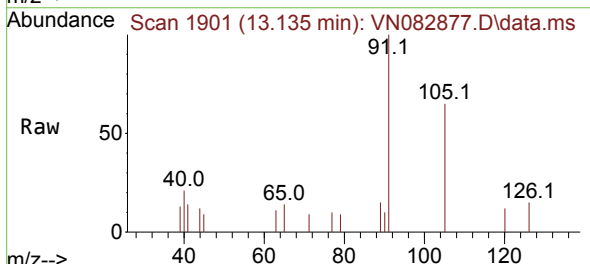
Instrument :
 MSVOA_N
 ClientSampleId :
 240710079-02

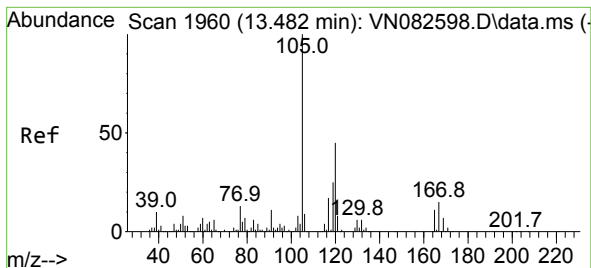
Tgt Ion: 75 Resp: 54202
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#



#82
 4-Chlorotoluene
 Concen: 0.682 ug/l
 RT: 13.135 min Scan# 1901
 Delta R.T. -0.088 min
 Lab File: VN082877.D
 Acq: 11 Jul 2024 15:32

Tgt Ion: 91 Resp: 3469
 Ion Ratio Lower Upper
 91 100
 126 20.5 16.2 48.6





#84

1,2,4-Trimethylbenzene

Concen: 2.153 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

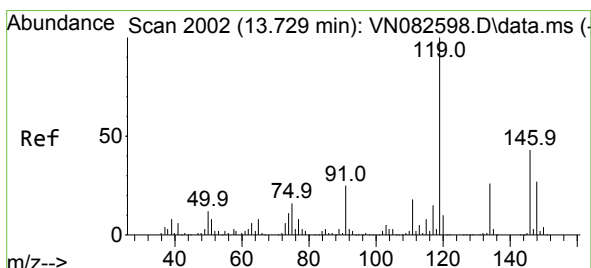
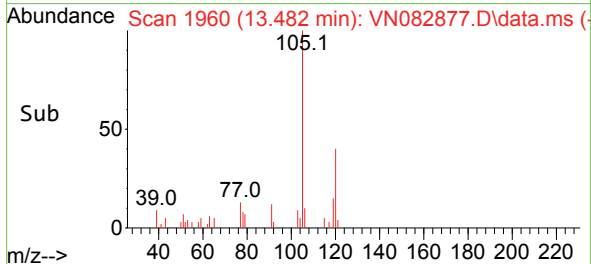
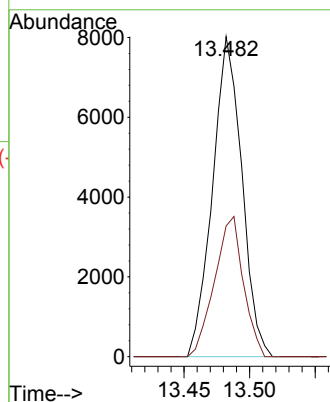
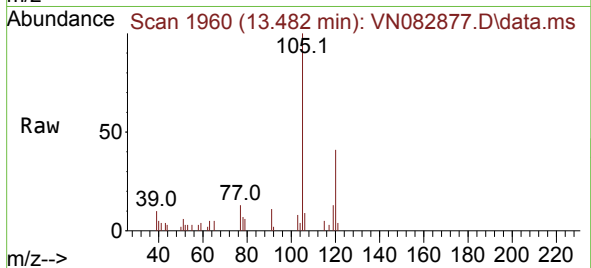
240710079-02

Tgt Ion:105 Resp: 12432

Ion Ratio Lower Upper

105 100

120 43.1 21.9 65.8



#86

p-Isopropyltoluene

Concen: 0.263 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

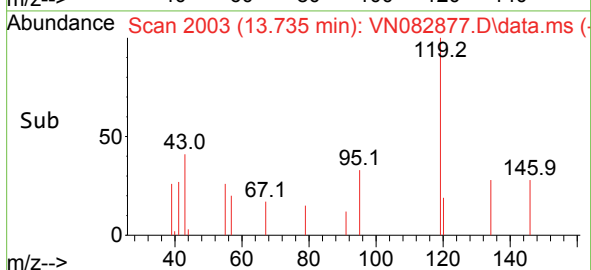
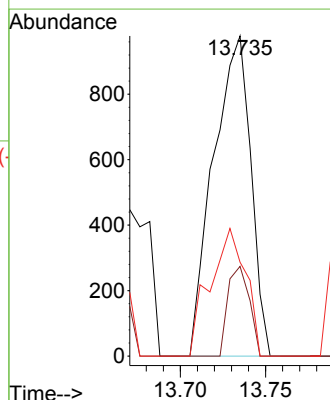
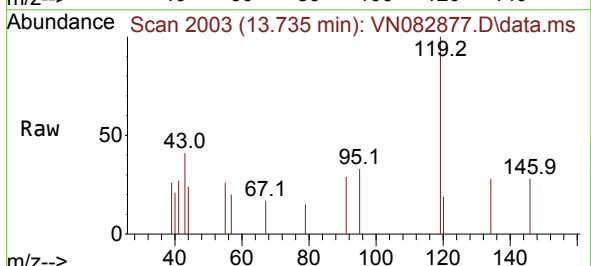
Tgt Ion:119 Resp: 1490

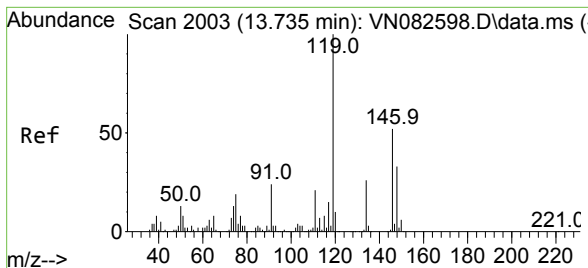
Ion Ratio Lower Upper

119 100

134 16.1 13.0 39.0

91 38.3 12.3 36.9#





#87

1,3-Dichlorobenzene

Concen: 9.847 ug/l

RT: 13.817 min Scan# 2003

Delta R.T. 0.082 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

240710079-02

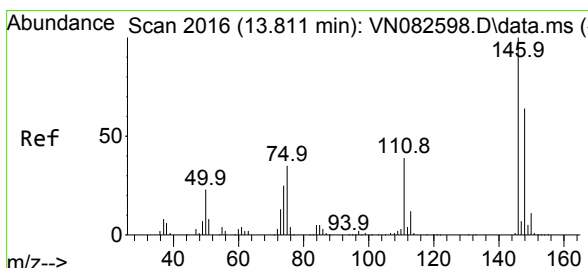
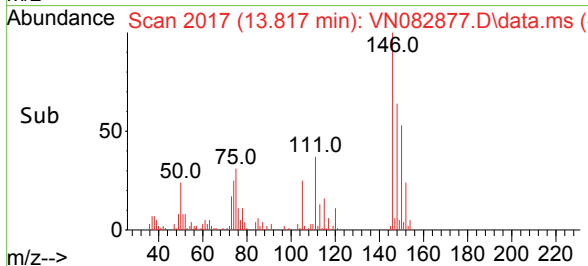
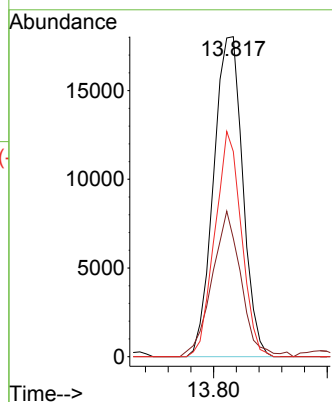
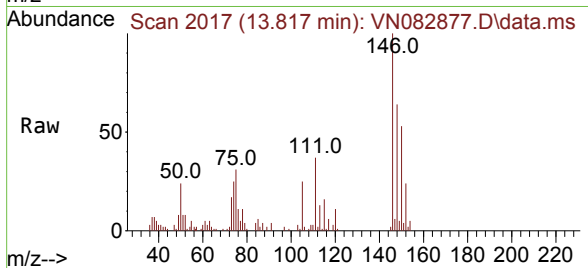
Tgt Ion:146 Resp: 32168

Ion Ratio Lower Upper

146 100

111 45.2 20.6 61.9

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 9.522 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

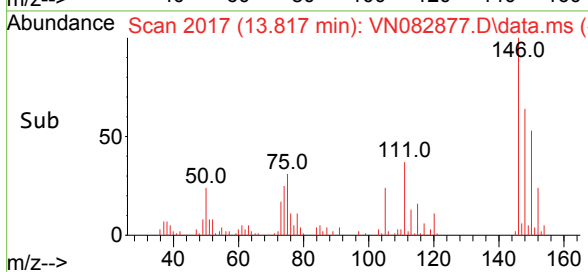
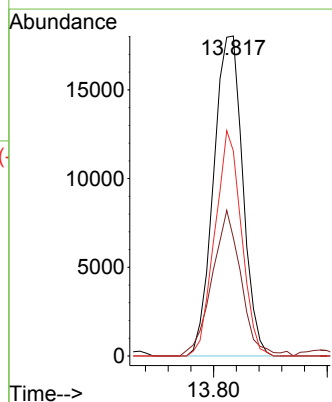
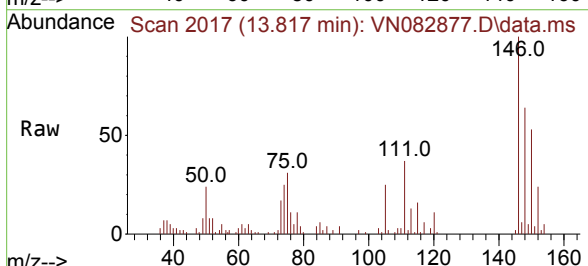
Tgt Ion:146 Resp: 32168

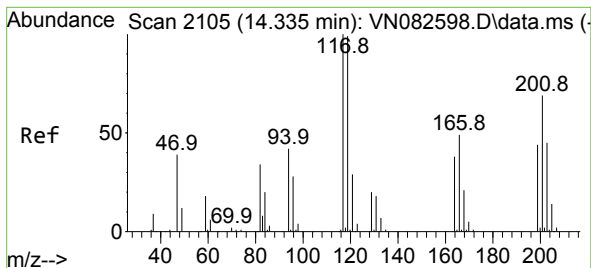
Ion Ratio Lower Upper

146 100

111 45.2 20.1 60.3

148 64.2 32.2 96.6





#90

Hexachloroethane

Concen: 0.419 ug/l

RT: 14.329 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

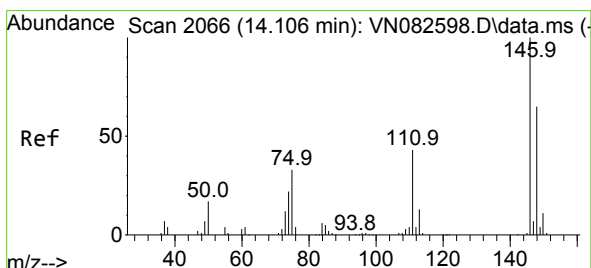
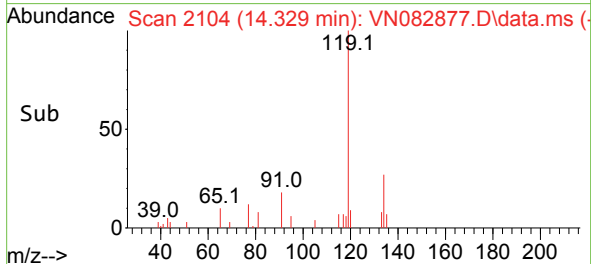
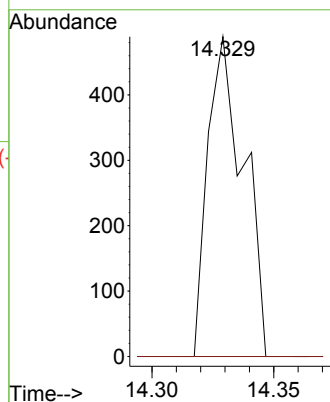
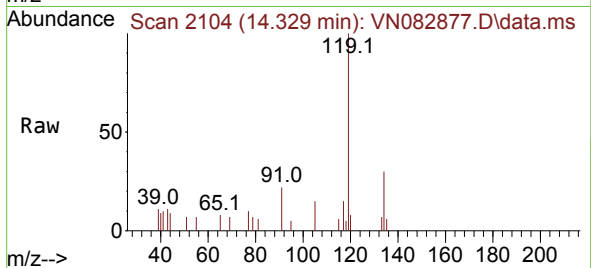
240710079-02

Tgt Ion:117 Resp: 502

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.3#



#91

1,2-Dichlorobenzene

Concen: 0.629 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.005 min

Lab File: VN082877.D

Acq: 11 Jul 2024 15:32

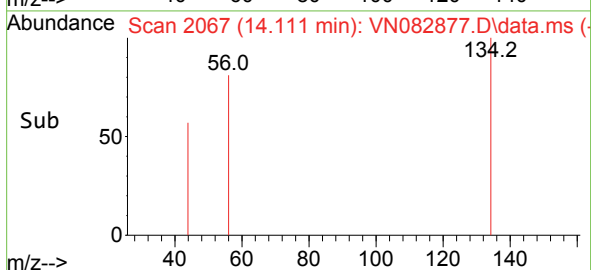
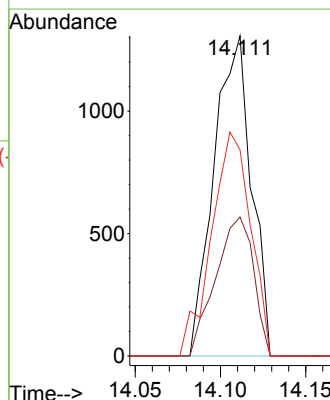
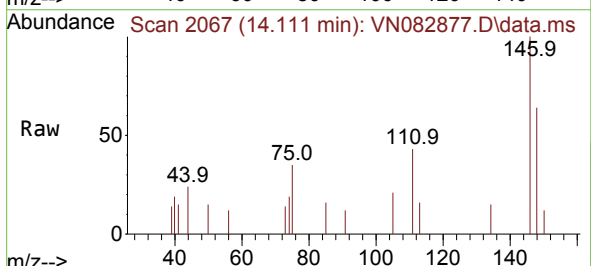
Tgt Ion:146 Resp: 1994

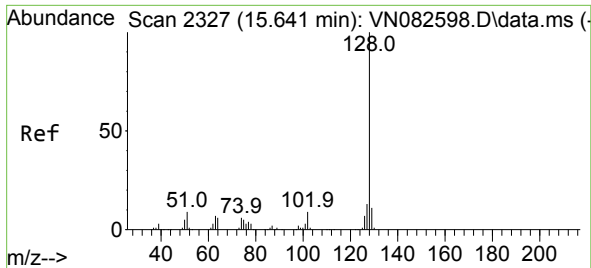
Ion Ratio Lower Upper

146 100

111 44.0 21.4 64.2

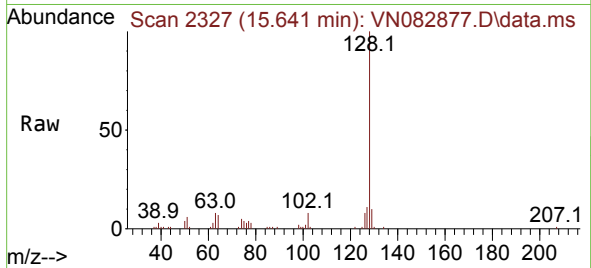
148 73.3 32.1 96.5





#95
Naphthalene
Concen: 9.604 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082877.D
Acq: 11 Jul 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
240710079-02



Tgt Ion:	128	Resp:	56201
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.5	8.6	12.8

