

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081133.D
 Acq On : 22 Feb 2024 14:24
 Operator : JC\MD
 Sample : P1540-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:24:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	385689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	711467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	635834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	223188	47.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.420%
35) Dibromofluoromethane	8.165	113	187416	46.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	10.565	98	647125	45.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.580%
62) 4-Bromofluorobenzene	12.853	95	237963	44.320	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.640%

Target Compounds			Qvalue			
3) Chloromethane	2.348	50	1757	Below Cal	#	84
6) Chloroethane	3.136	64	564	Below Cal	#	42
10) Methyl Iodide	4.583	142	2460	0.488	ug/l #	87
11) Tert butyl alcohol	5.512	59	34838	40.071	ug/l #	94
13) Acrolein	4.183	56	3867	8.299	ug/l #	34
14) Allyl chloride	5.024	41	5917	0.914	ug/l #	23
16) Acetone	4.418	43	170868	91.857	ug/l	96
17) Carbon Disulfide	4.718	76	197331	16.220	ug/l	97
18) Methyl Acetate	5.012	43	252596	55.665	ug/l #	91
20) Methylene Chloride	5.271	84	4117	Below Cal	#	87
22) Diisopropyl ether	6.718	45	8615	0.587	ug/l #	1
25) 2-Butanone	7.483	43	131642	43.806	ug/l	91
29) Tetrahydrofuran	7.589	42	92010	45.866	ug/l #	38
31) Cyclohexane	8.224	56	10110	1.239	ug/l #	21
37) Ethyl Acetate	7.589	43	365619	58.776	ug/l #	1
38) Carbon Tetrachloride	8.224	117	43315	6.212	ug/l #	17
40) Benzene	8.606	78	113495	5.689	ug/l	96
41) Methacrylonitrile	7.589	41	33650	9.505	ug/l #	22
43) Isopropyl Acetate	8.641	43	56835	5.224	ug/l #	59
48) Methyl methacrylate	9.653	41	131010	25.880	ug/l #	47
49) 1,4-Dioxane	9.694	88	2354	Below Cal	#	18
51) 4-Methyl-2-Pentanone	10.447	43	22608	3.612	ug/l	95
52) Toluene	10.630	92	69166	5.476	ug/l	98
59) 2-Hexanone	11.200	43	12064	2.431	ug/l	97
67) Ethyl Benzene	11.965	91	83880	3.406	ug/l	96
68) m/p-Xylenes	12.071	106	165692	17.555	ug/l	94
69) o-Xylene	12.400	106	123611	13.212	ug/l	95
70) Styrene	12.400	104	8459	0.571	ug/l #	1
73) Isopropylbenzene	12.700	105	43035	2.003	ug/l	96
74) N-amyl acetate	12.459	43	19852	2.186	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.982	83	6342	1.050	ug/l #	25
76) 1,2,3-Trichloropropane	13.100	75	8061	1.445	ug/l #	1
78) n-propylbenzene	13.041	91	226889	9.172	ug/l	94
79) 2-Chlorotoluene	13.100	91	104146	6.864	ug/l #	54
80) 1,3,5-Trimethylbenzene	13.176	105	377171	21.649	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	125729	57.995	ug/l #	15

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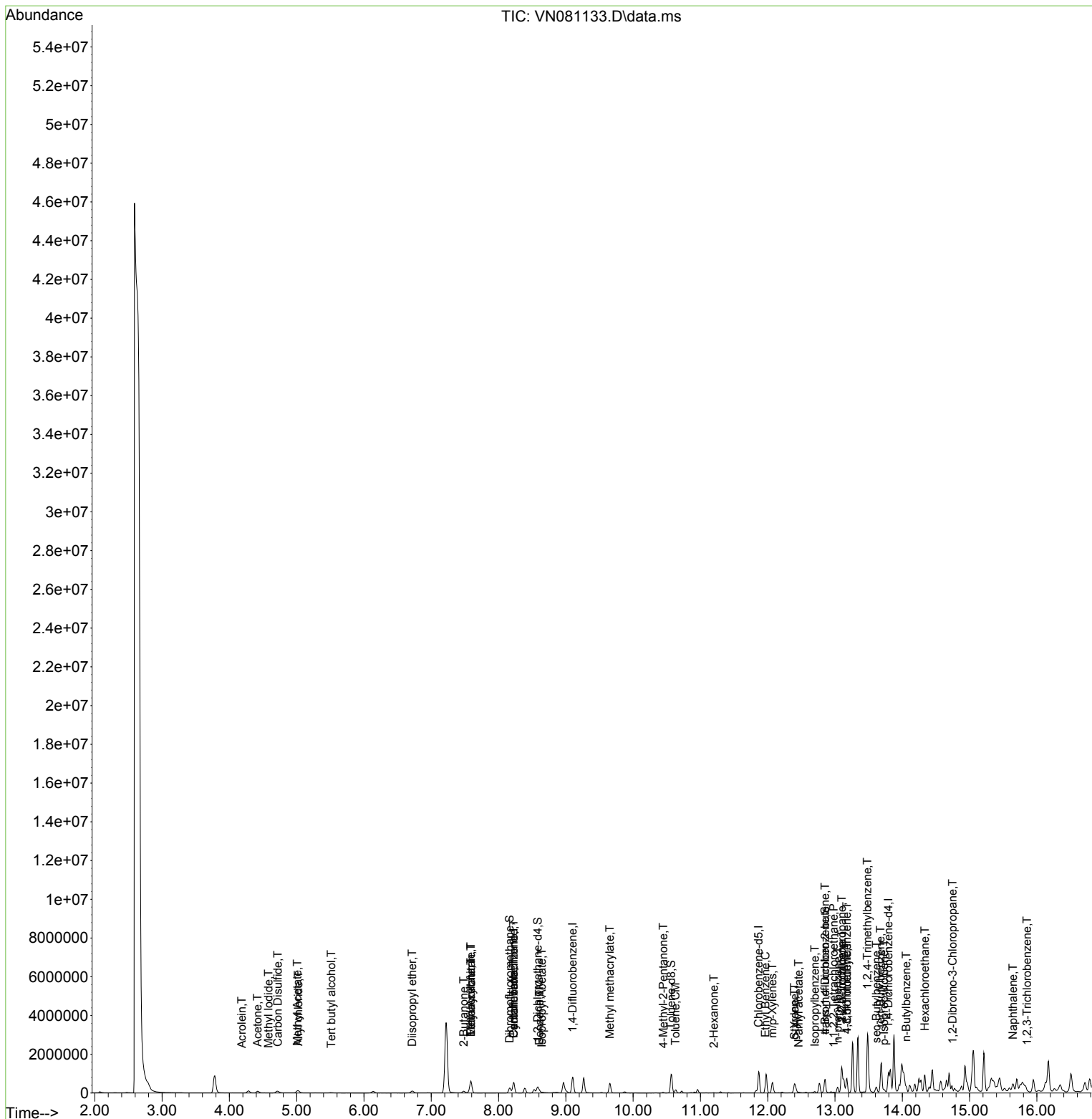
Instrument :
MSVOA_N
ClientSampleId :

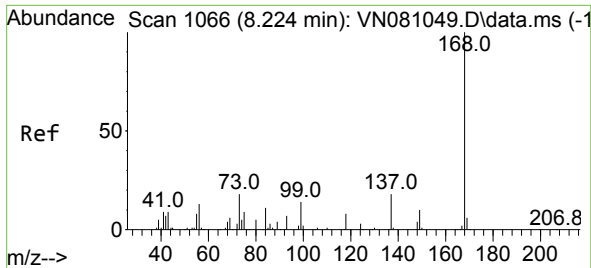
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.176	91	41473	2.795	ug/l #	44
83) tert-Butylbenzene	13.676	119	126101	8.371	ug/l	76
84) 1,2,4-Trimethylbenzene	13.482	105	1726956	99.473	ug/l	95
85) sec-Butylbenzene	13.618	105	79757	3.808	ug/l #	79
86) p-Isopropyltoluene	13.729	119	66289	3.811	ug/l	93
89) n-Butylbenzene	14.059	91	142273	9.388	ug/l #	85
90) Hexachloroethane	14.335	117	44242	15.386	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.747	75	814	0.648	ug/l #	17
95) Naphthalene	15.647	128	338828	18.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	987	0.204	ug/l #	65

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

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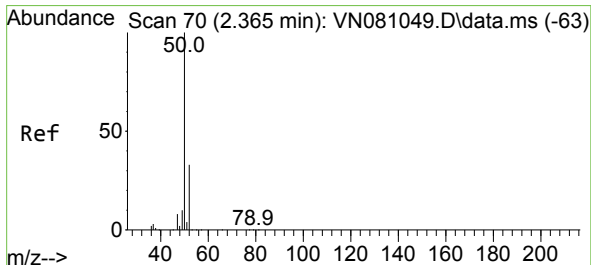
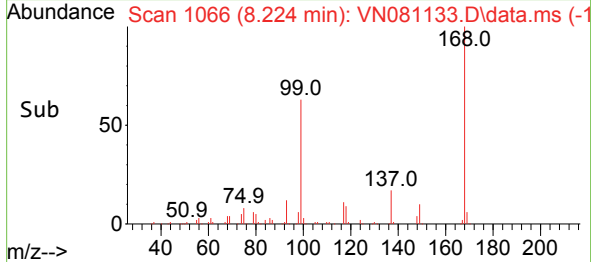
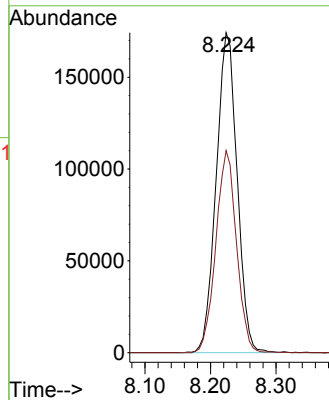
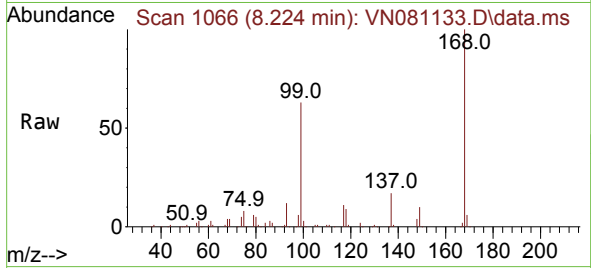




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

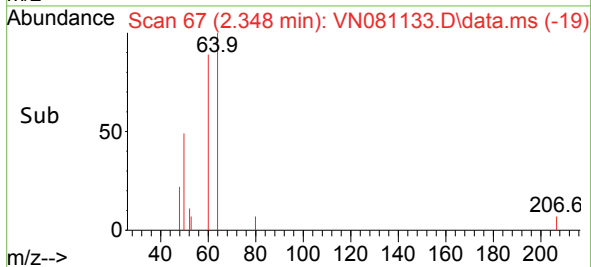
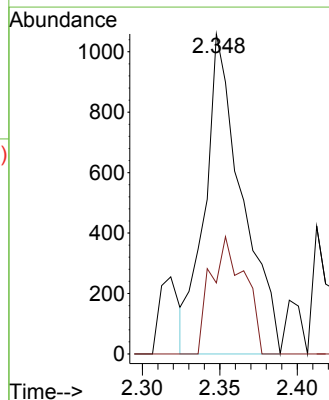
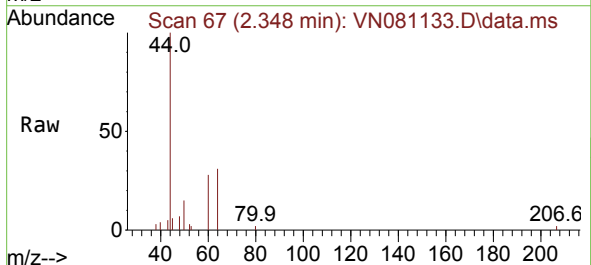
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MSVOA_N
ClientSampleId :

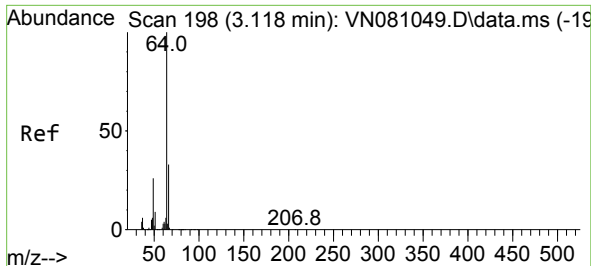
Tgt Ion:168 Resp: 385689
Ion Ratio Lower Upper
168 100
99 63.2 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.348 min Scan# 67
Delta R.T. -0.017 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion: 50 Resp: 1757
Ion Ratio Lower Upper
50 100
52 22.2 25.0 37.4#

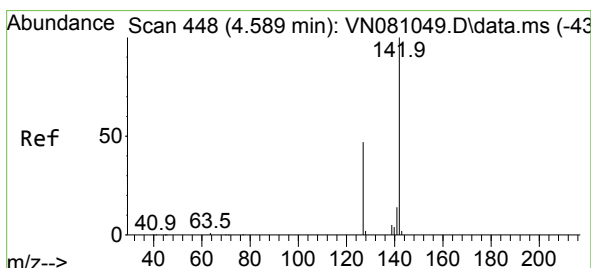
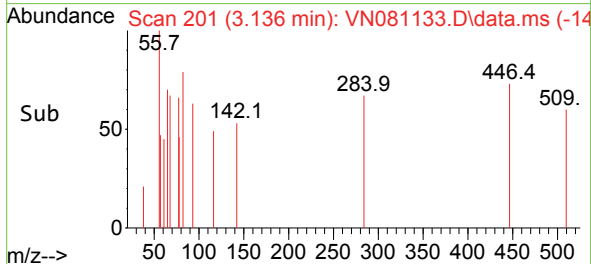
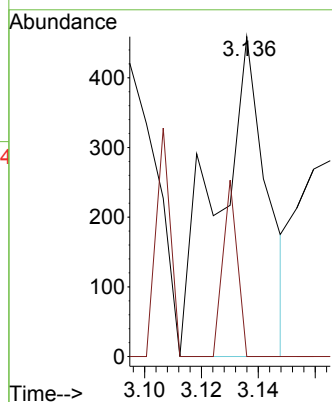
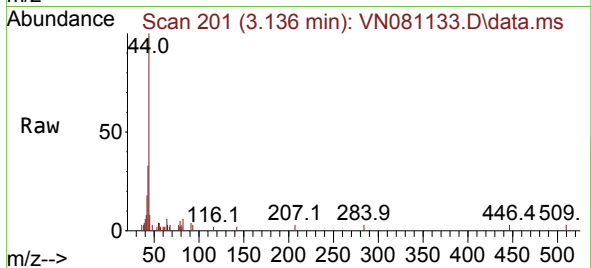




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

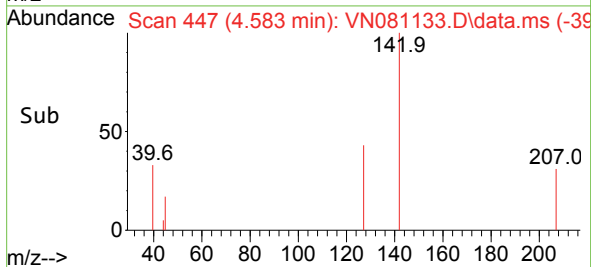
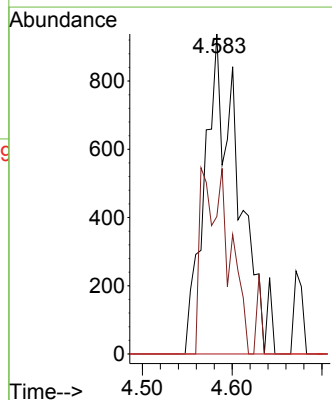
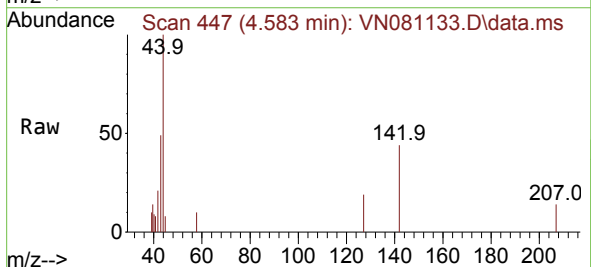
Instrument :
MSVOA_N
ClientSampleId :

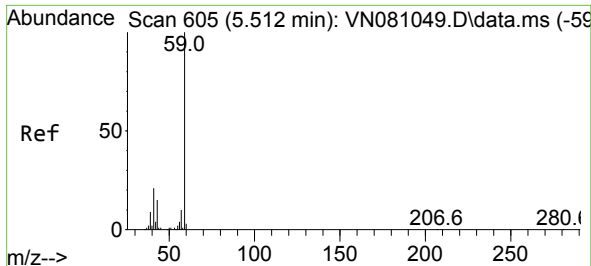
Tgt Ion: 64 Resp: 564
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#10
Methyl Iodide
Concen: 0.488 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion:142 Resp: 2460
Ion Ratio Lower Upper
142 100
127 43.0 37.0 55.4
141 0.0 12.5 18.7#

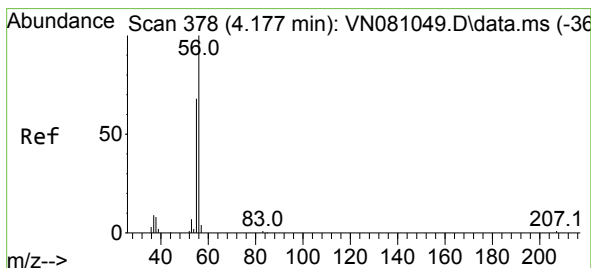
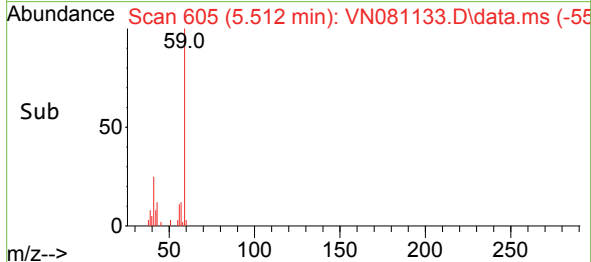
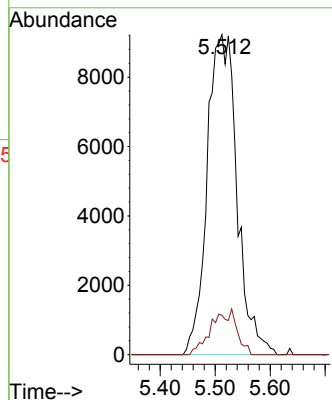
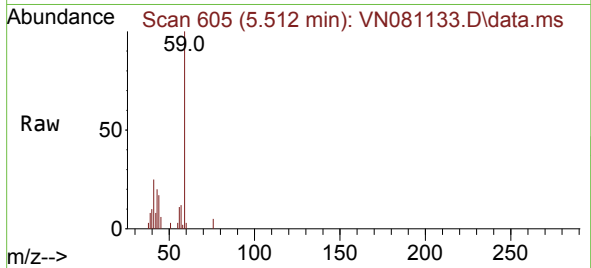




#11
Tert butyl alcohol
Concen: 40.071 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

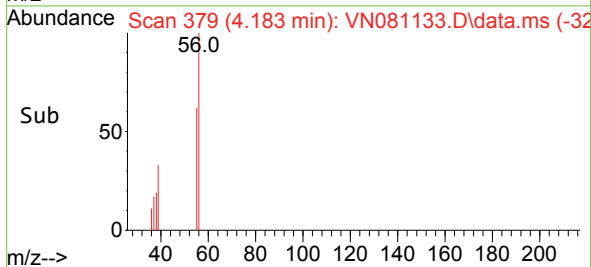
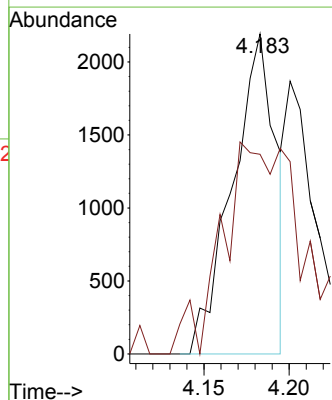
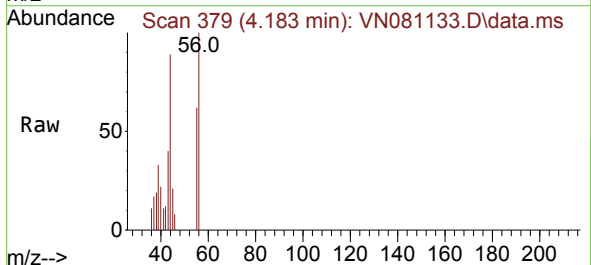
Instrument :
MSVOA_N
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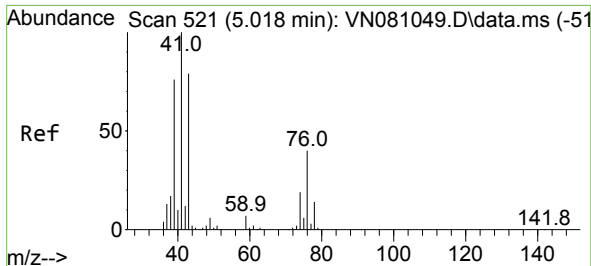
Tgt Ion: 59 Resp: 34838
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8#



#13
Acrolein
Concen: 8.299 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

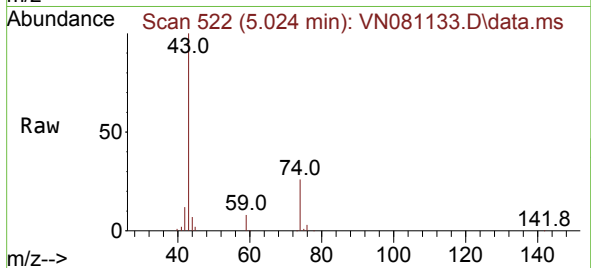
Tgt Ion: 56 Resp: 3867
Ion Ratio Lower Upper
56 100
55 122.8 55.3 82.9#



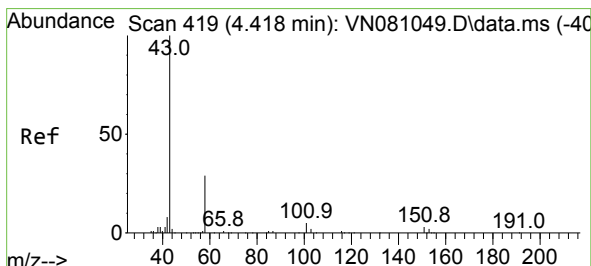
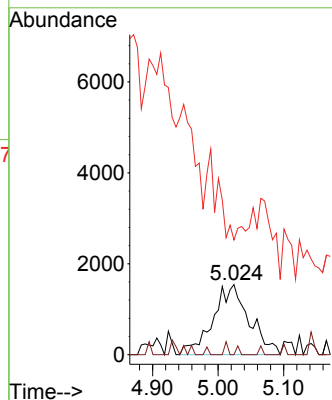
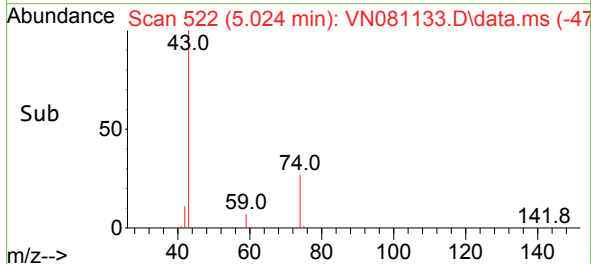


#14
 Allyl chloride
 Concen: 0.914 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

Instrument :
 MSVOA_N
 ClientSampleId :

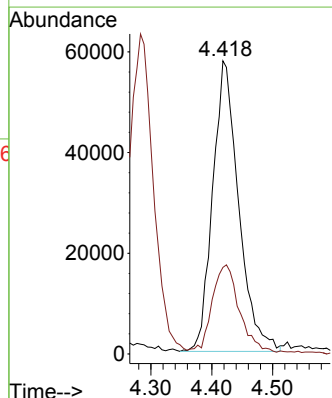
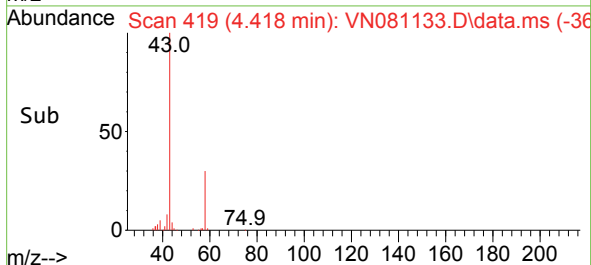
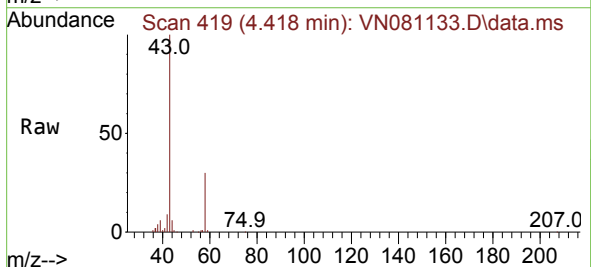


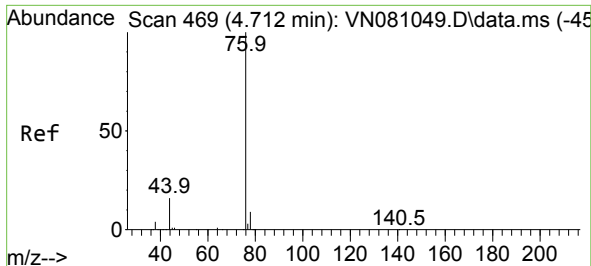
Tgt Ion: 41 Resp: 5917
 Ion Ratio Lower Upper
 41 100
 39 1.2 57.7 86.5#
 76 0.0 26.8 40.2#



#16
 Acetone
 Concen: 91.857 ug/l
 RT: 4.418 min Scan# 419
 Delta R.T. 0.000 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

Tgt Ion: 43 Resp: 170868
 Ion Ratio Lower Upper
 43 100
 58 28.7 24.8 37.2

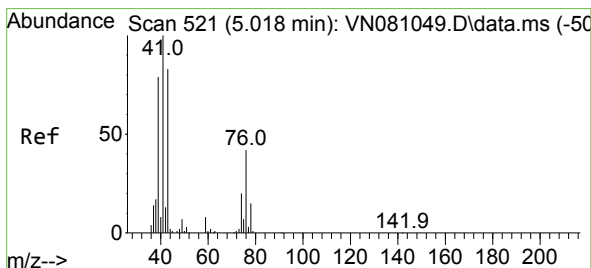
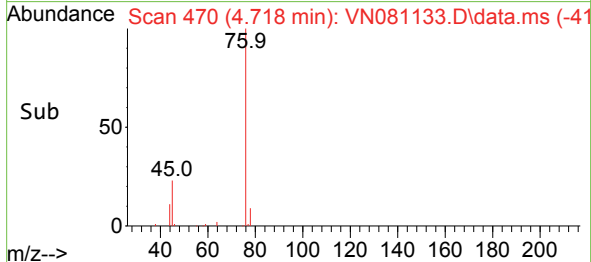
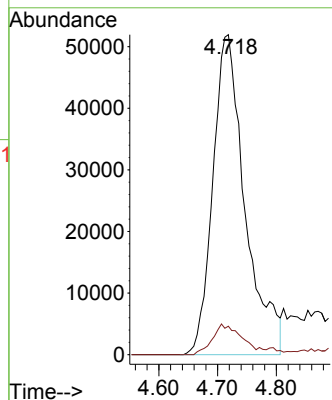
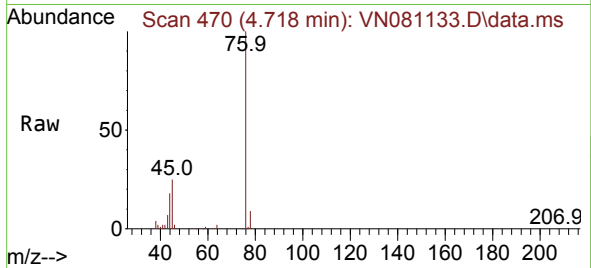




#17
Carbon Disulfide
Concen: 16.220 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

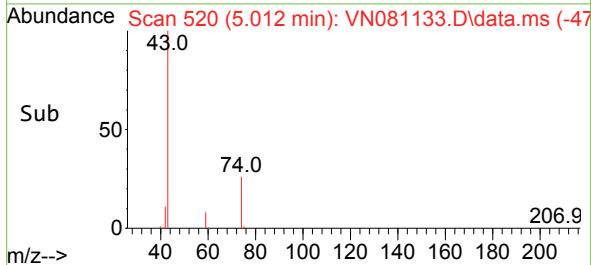
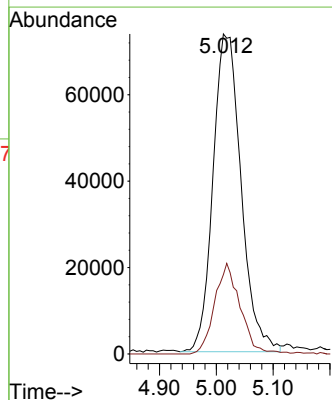
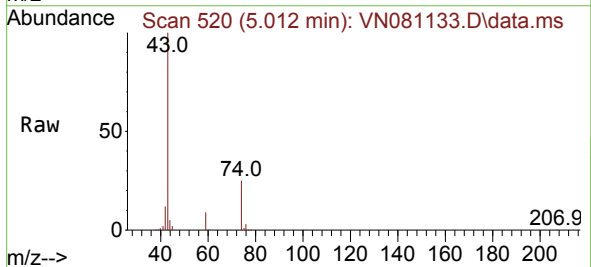
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MSVOA_N
ClientSampleId :

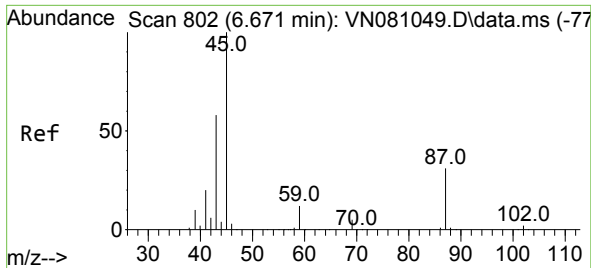
Tgt Ion: 76 Resp: 197331
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5



#18
Methyl Acetate
Concen: 55.665 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

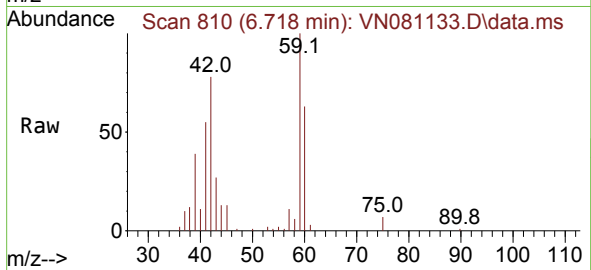
Tgt Ion: 43 Resp: 252596
Ion Ratio Lower Upper
43 100
74 26.0 17.3 25.9#



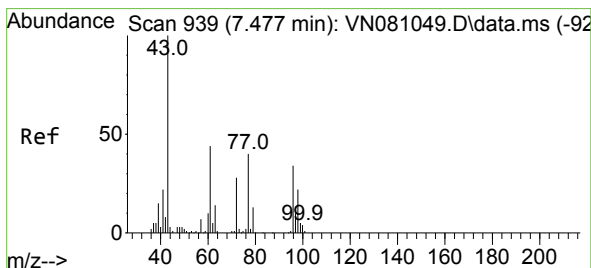
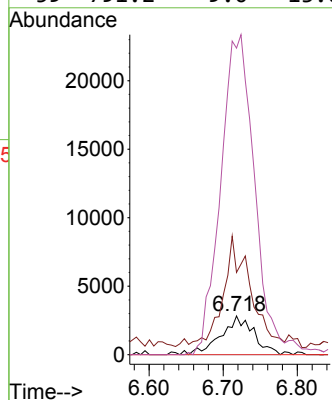
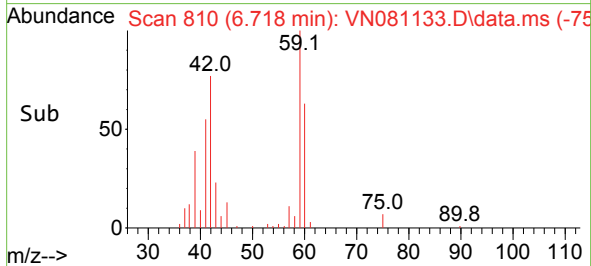


#22
Diisopropyl ether
Concen: 0.587 ug/l
RT: 6.718 min Scan# 81
Delta R.T. 0.047 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :

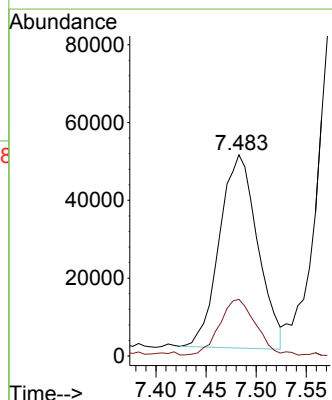
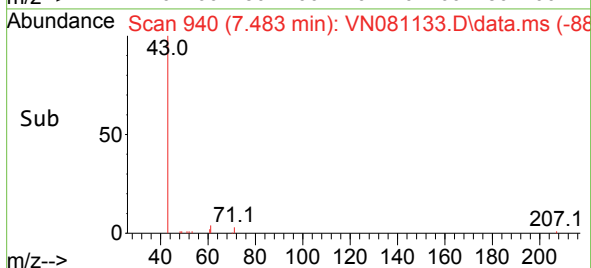
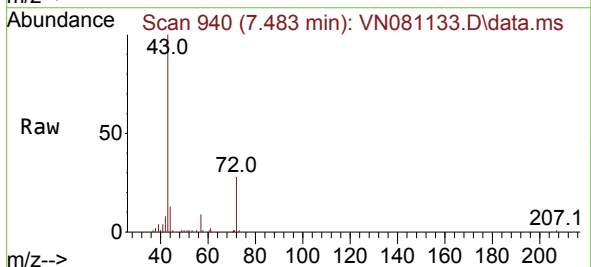


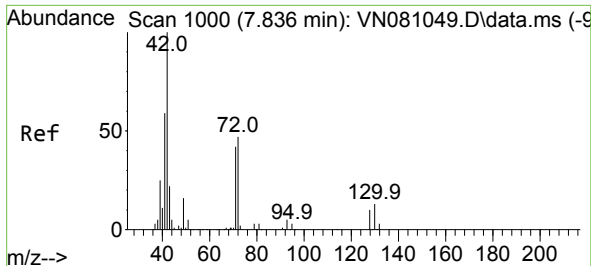
Tgt Ion: 45 Resp: 8615
Ion Ratio Lower Upper
45 100
43 184.0 41.8 62.8#
87 0.0 18.1 27.1#
59 791.2 9.0 13.6#



#25
2-Butanone
Concen: 43.806 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion: 43 Resp: 131642
Ion Ratio Lower Upper
43 100
72 29.1 19.5 29.3





#29

Tetrahydrofuran

Concen: 45.866 ug/l

RT: 7.589 min Scan# 91

Delta R.T. -0.247 min

Lab File: VN081133.D

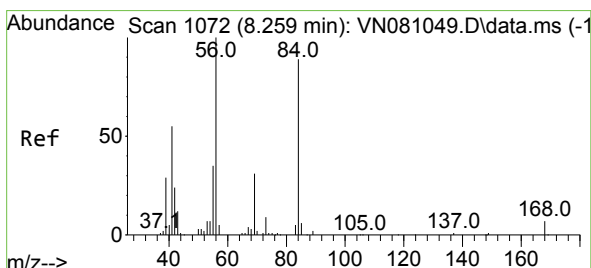
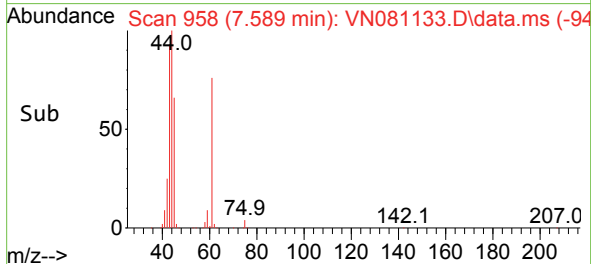
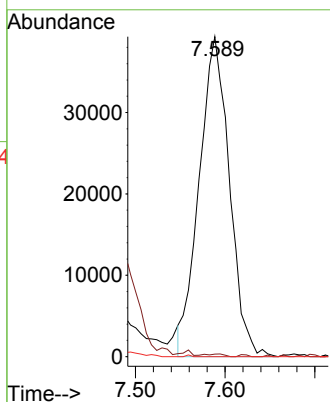
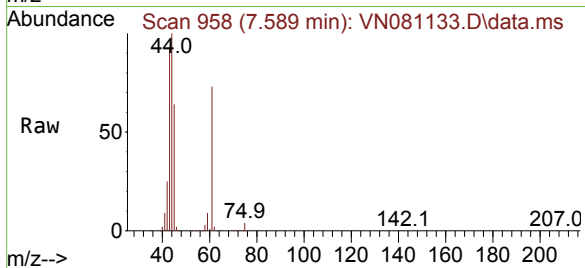
Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	92010
Ion	Ratio	Lower	Upper
42	100		
72	0.5	31.1	46.7#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.239 ug/l

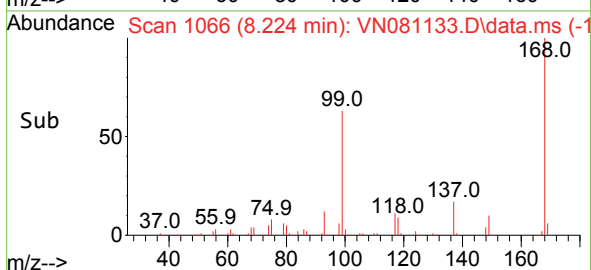
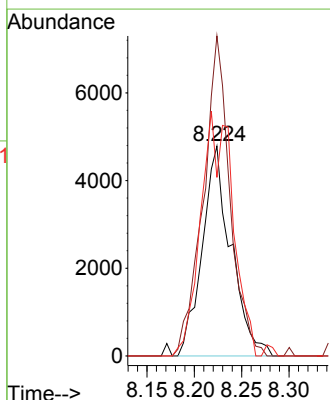
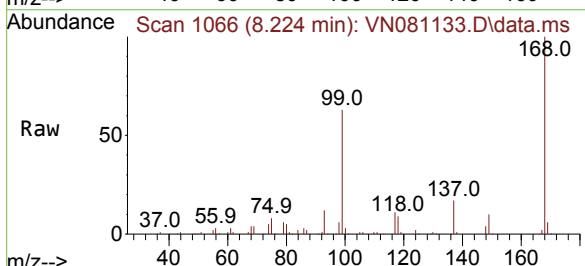
RT: 8.224 min Scan# 1066

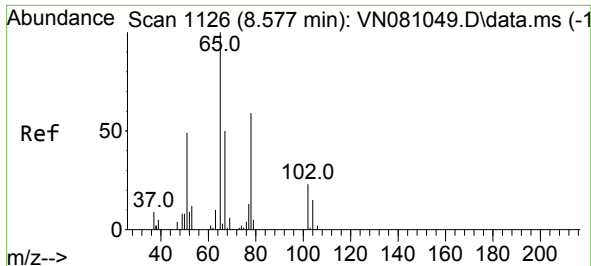
Delta R.T. -0.035 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Tgt Ion:	56	Resp:	10110
Ion	Ratio	Lower	Upper
56	100		
69	152.5	20.1	30.1#
84	85.1	56.9	85.3





#33

1,2-Dichloroethane-d4

Concen: 47.211 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

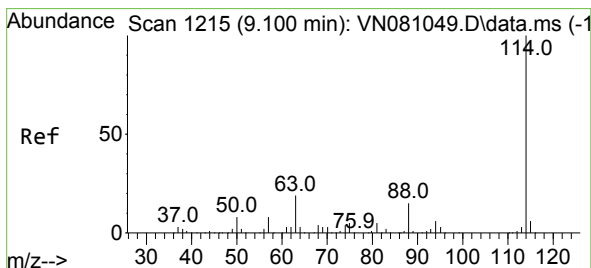
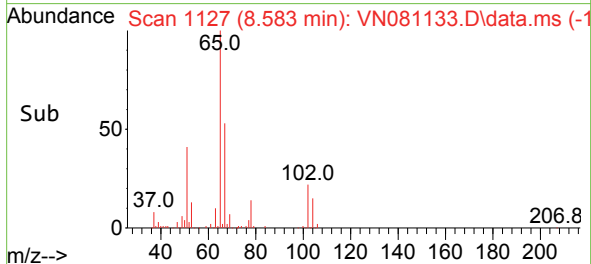
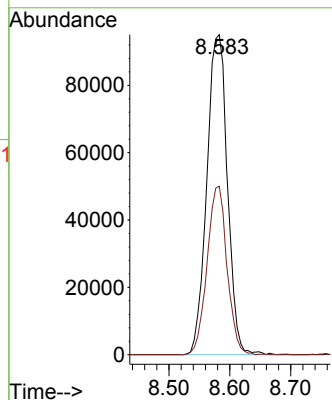
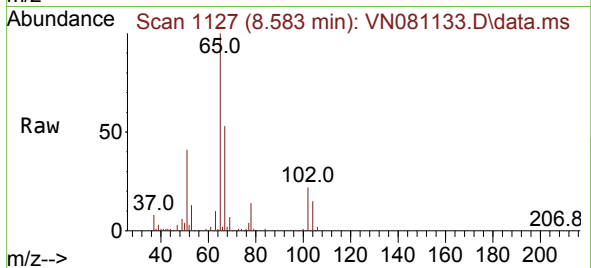
ClientSampleId :

Tgt Ion: 65 Resp: 223188

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

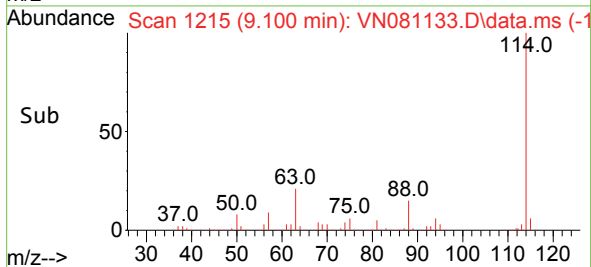
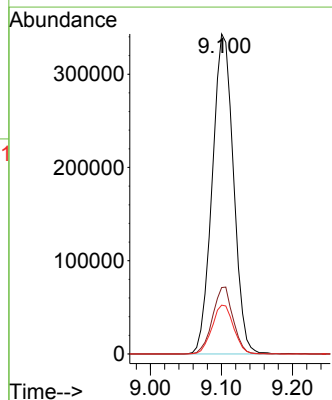
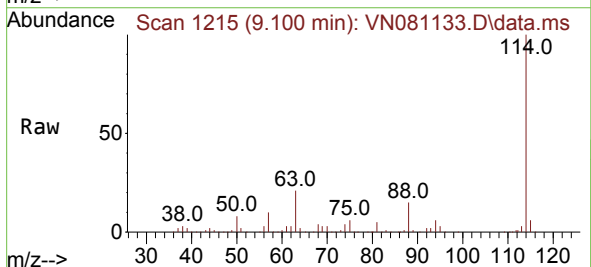
Tgt Ion: 114 Resp: 711467

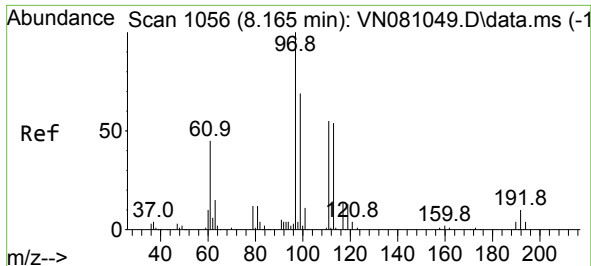
Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

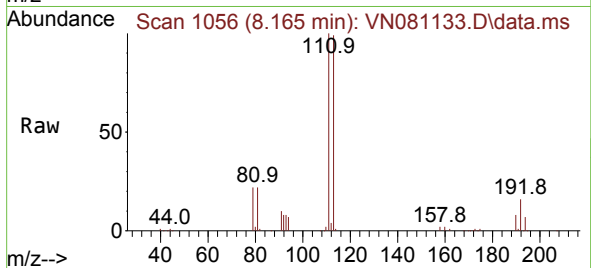
88 15.2 0.0 34.8



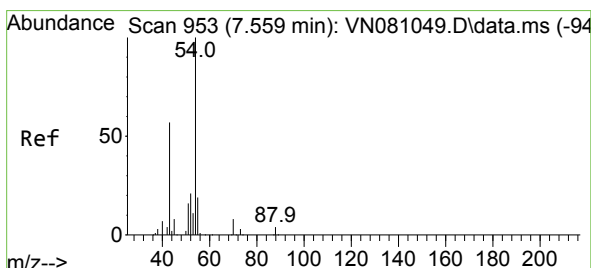
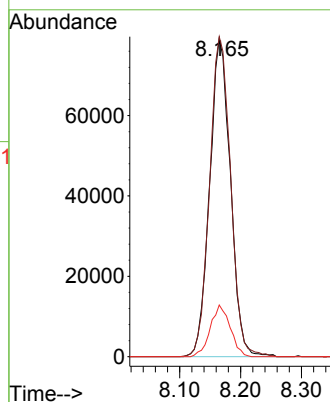
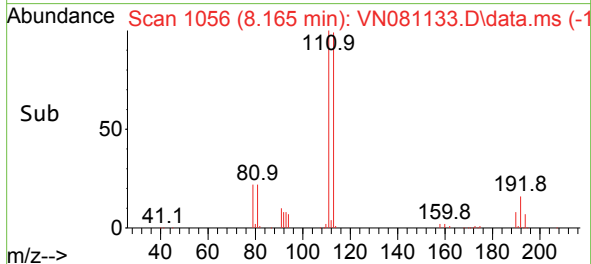


#35
Dibromofluoromethane
Concen: 46.585 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :

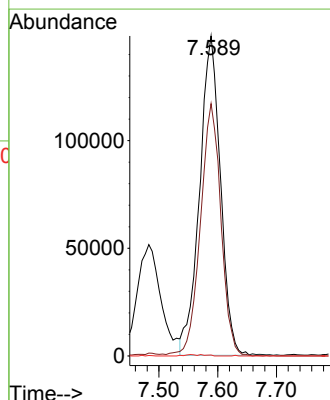
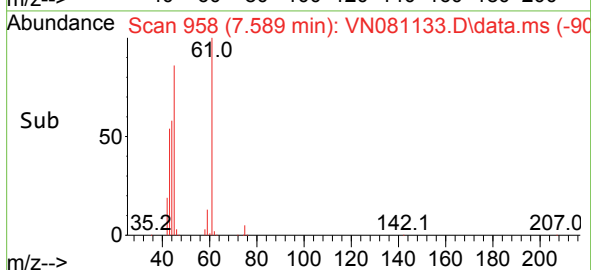
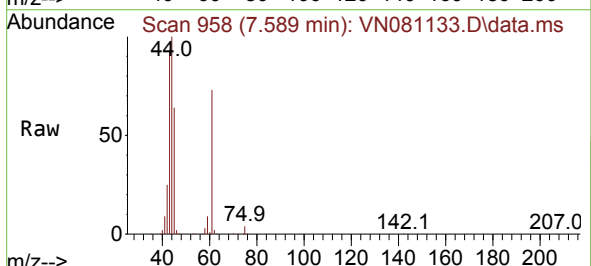


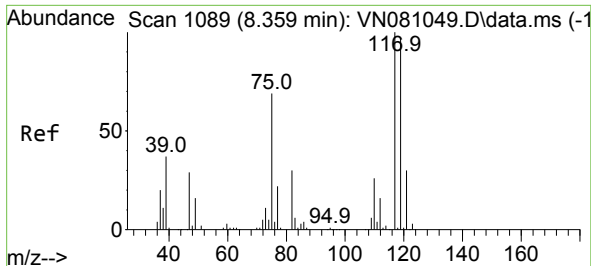
Tgt Ion:113 Resp: 187416
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.6 12.5 18.7



#37
Ethyl Acetate
Concen: 58.776 ug/l
RT: 7.589 min Scan# 958
Delta R.T. 0.029 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

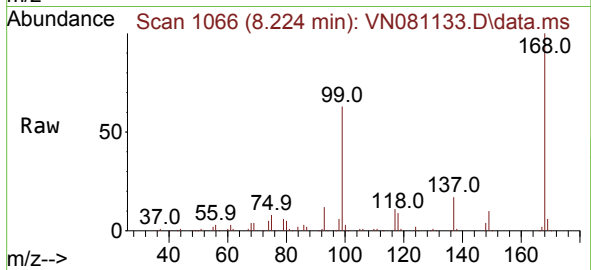
Tgt Ion: 43 Resp: 365619
Ion Ratio Lower Upper
43 100
61 77.5 10.6 15.8#
70 0.2 8.0 12.0#



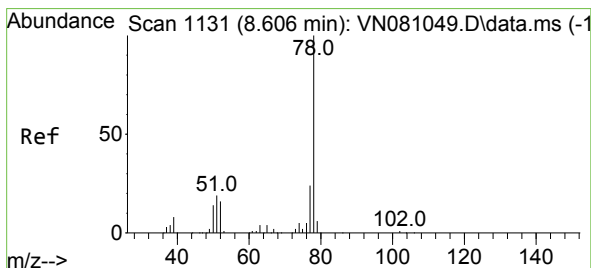
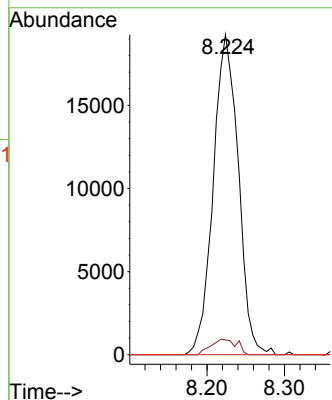
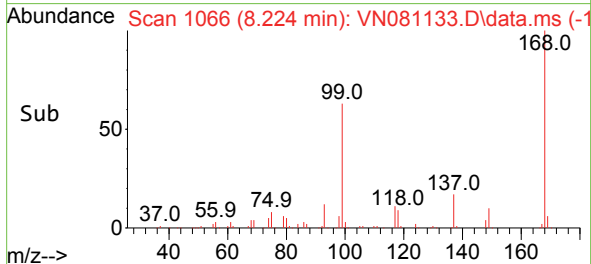


#38
Carbon Tetrachloride
Concen: 6.212 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :

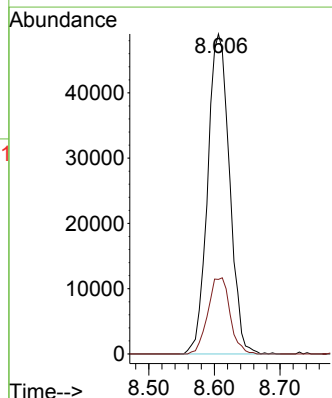
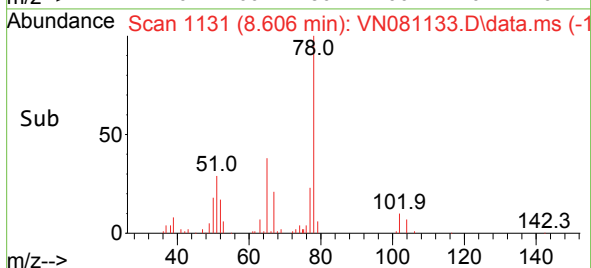
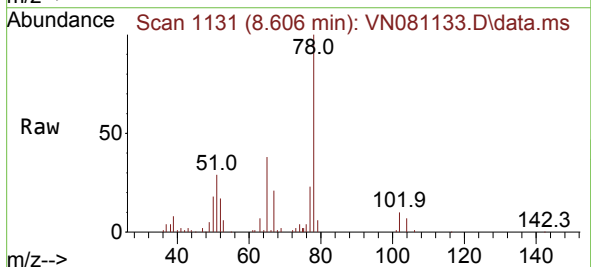


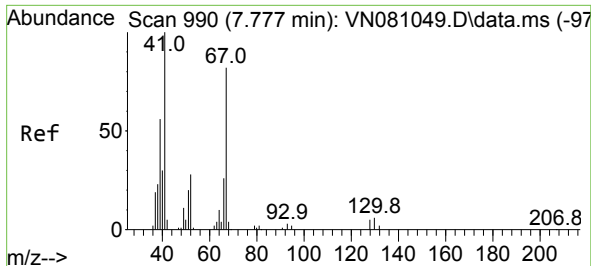
Tgt Ion:117 Resp: 43315
Ion Ratio Lower Upper
117 100
119 4.6 73.4 110.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 5.689 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

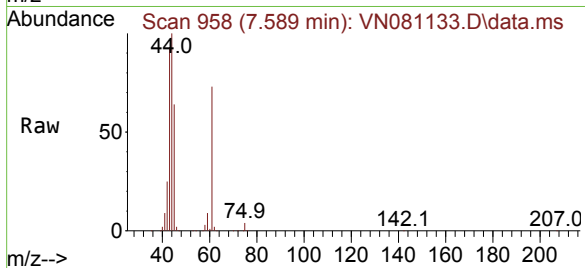
Tgt Ion: 78 Resp: 113495
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6



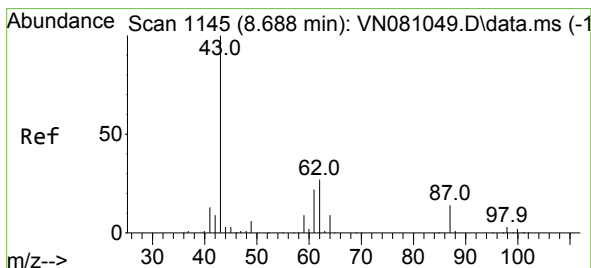
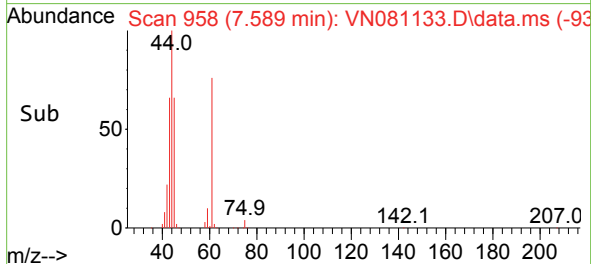
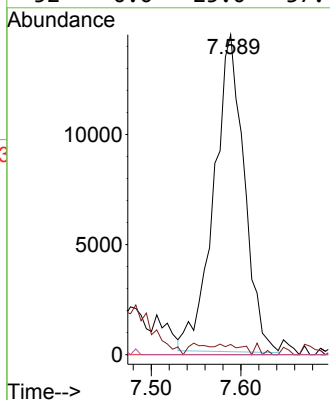


#41
Methacrylonitrile
Concen: 9.505 ug/l
RT: 7.589 min Scan# 91
Delta R.T. -0.188 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :

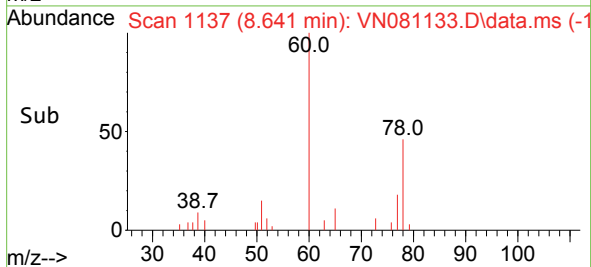
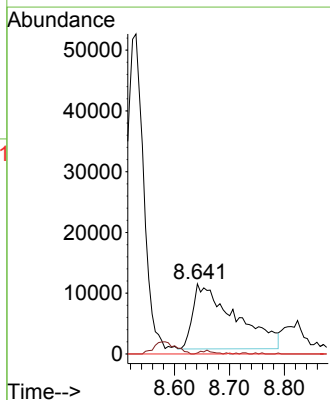
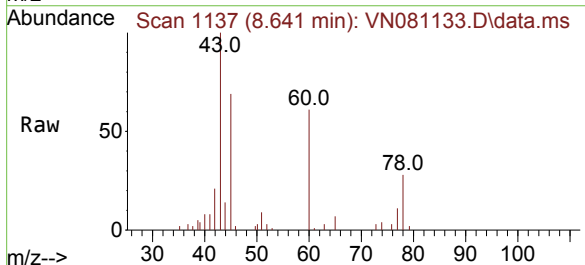


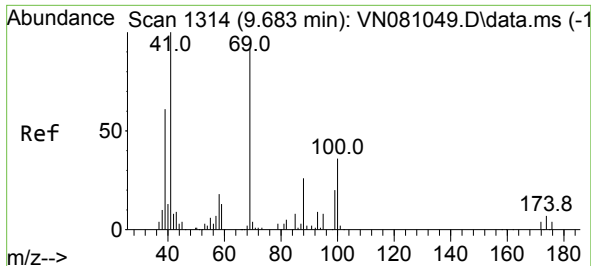
Tgt Ion: 41 Resp: 33650
Ion Ratio Lower Upper
41 100
39 0.0 48.4 72.6#
67 0.0 56.8 85.2#
52 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 5.224 ug/l
RT: 8.641 min Scan# 1137
Delta R.T. -0.047 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion: 43 Resp: 56835
Ion Ratio Lower Upper
43 100
61 1.7 19.9 29.9#
87 0.0 9.0 13.6#

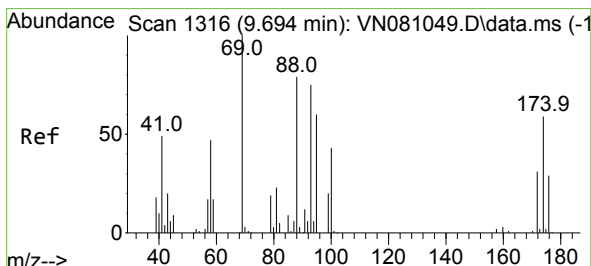
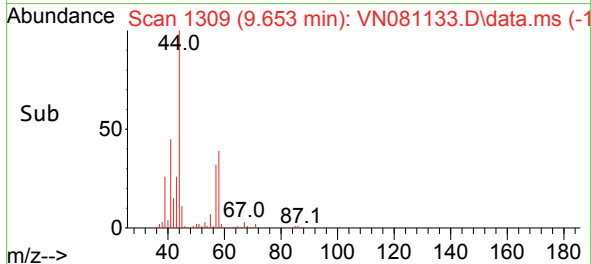
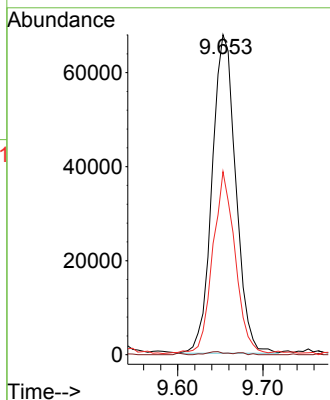
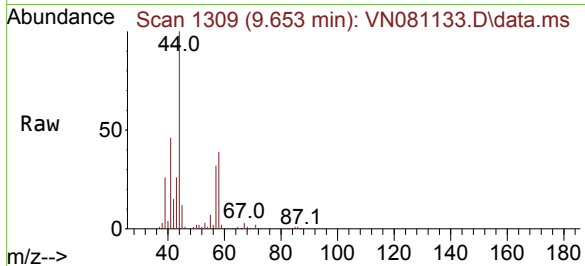




#48
Methyl methacrylate
Concen: 25.880 ug/l
RT: 9.653 min Scan# 1310
Delta R.T. -0.029 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

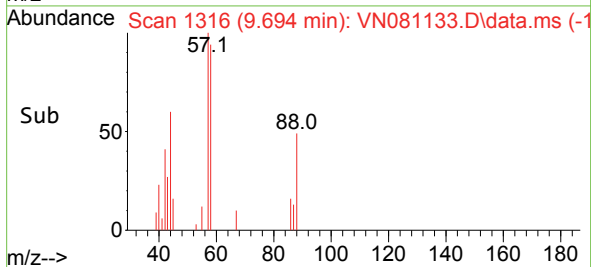
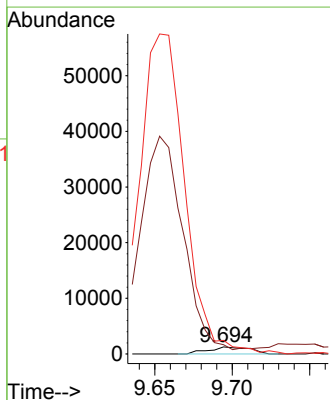
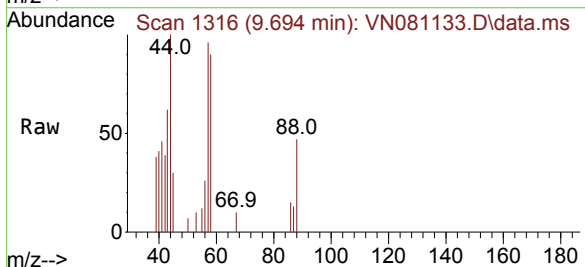
Instrument :
MSVOA_N
ClientSampleId :

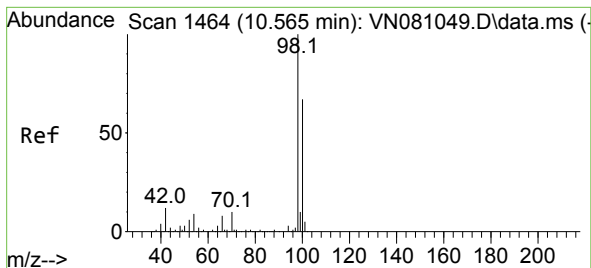
Tgt Ion: 41 Resp: 131010
Ion Ratio Lower Upper
41 100
69 0.8 62.2 93.2#
39 54.2 47.6 71.4



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion: 88 Resp: 2354
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 0.0 63.9 95.9#





#50

Toluene-d8

Concen: 45.288 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

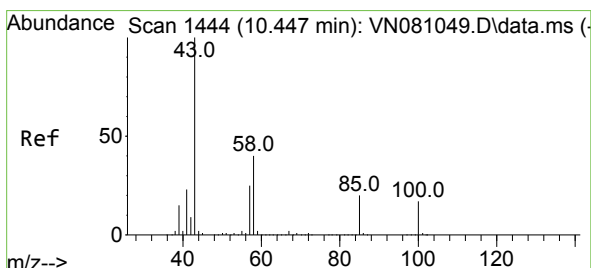
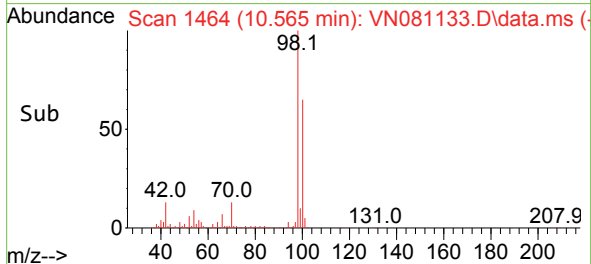
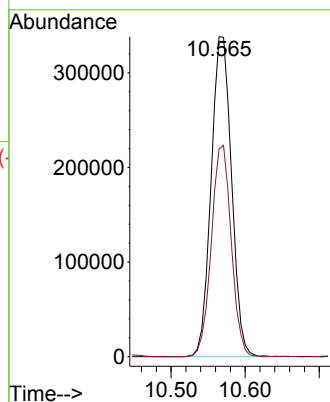
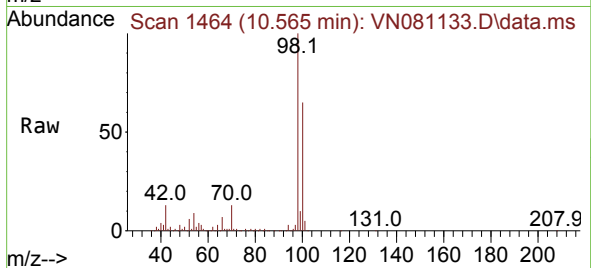
ClientSampleId :

Tgt Ion: 98 Resp: 647125

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 3.612 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081133.D

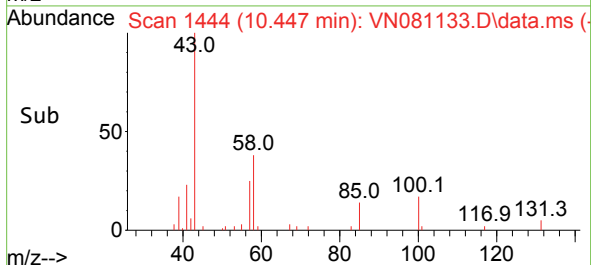
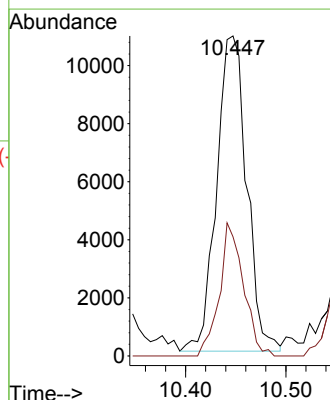
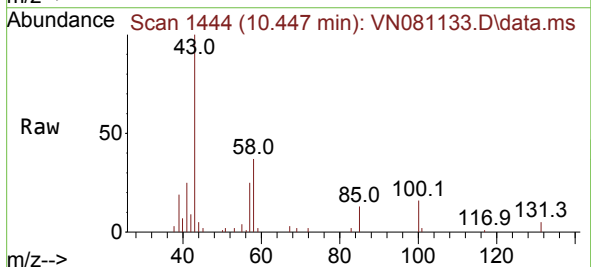
Acq: 22 Feb 2024 14:24

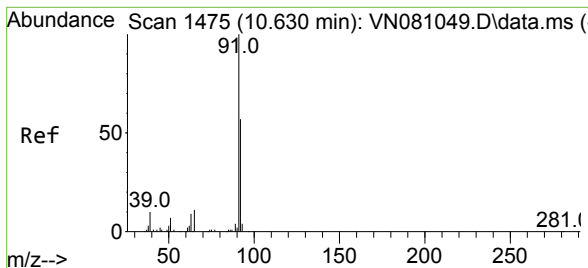
Tgt Ion: 43 Resp: 22608

Ion Ratio Lower Upper

43 100

58 33.6 29.4 44.0





#52

Toluene

Concen: 5.476 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

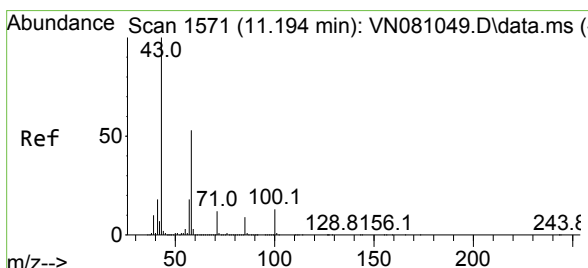
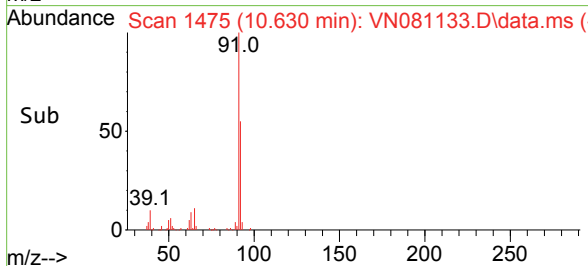
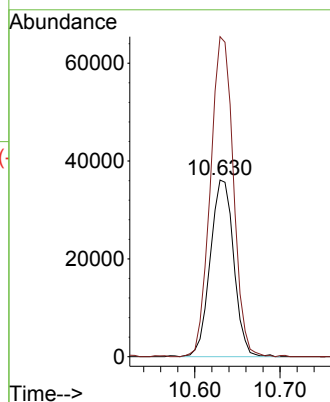
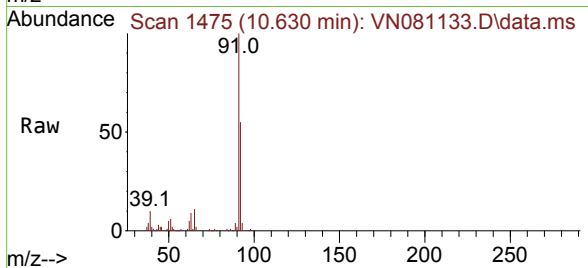
ClientSampleId :

Tgt Ion: 92 Resp: 69166

Ion Ratio Lower Upper

92 100

91 177.4 139.4 209.0



#59

2-Hexanone

Concen: 2.431 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN081133.D

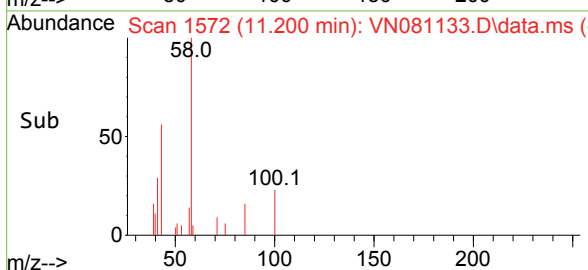
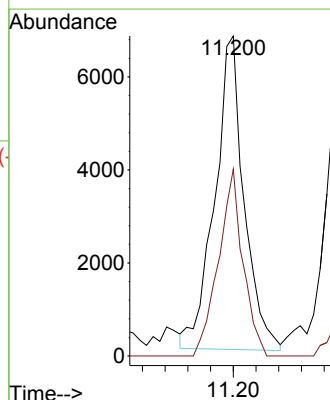
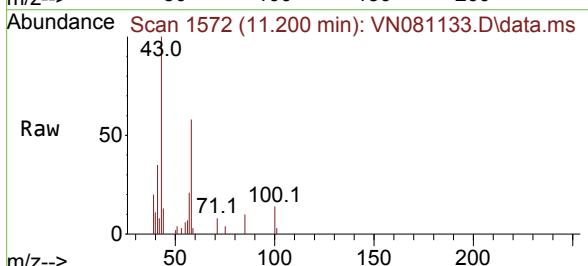
Acq: 22 Feb 2024 14:24

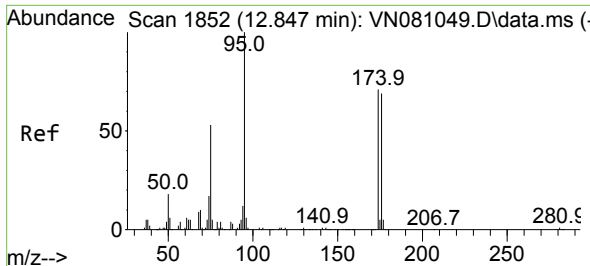
Tgt Ion: 43 Resp: 12064

Ion Ratio Lower Upper

43 100

58 49.7 25.9 77.8

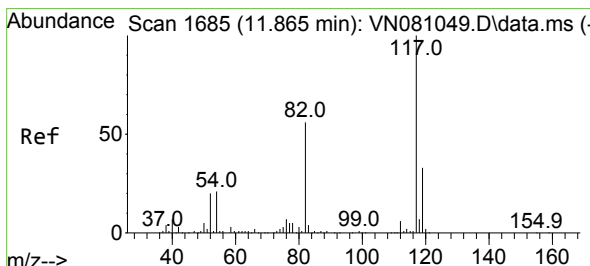
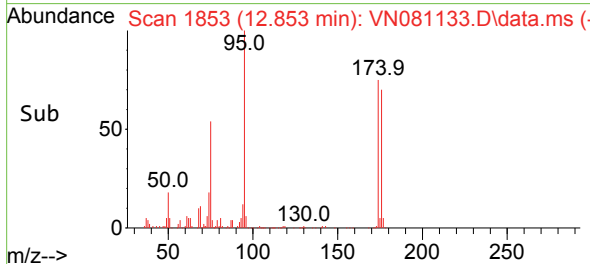
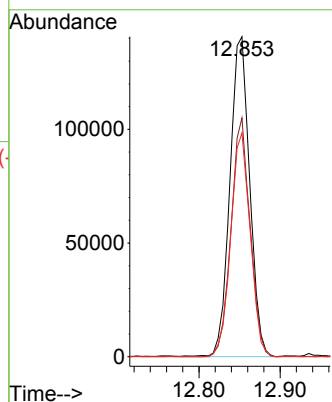
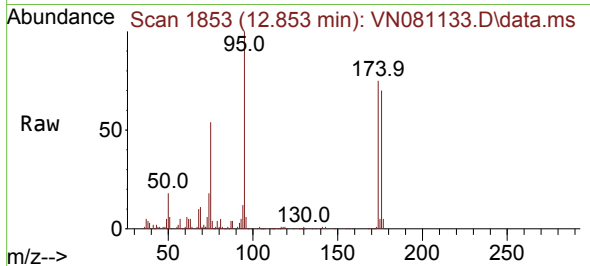




#62
4-Bromofluorobenzene
Concen: 44.320 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

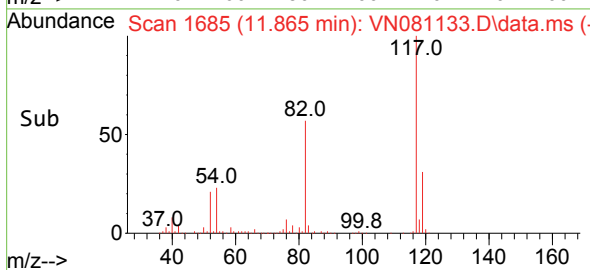
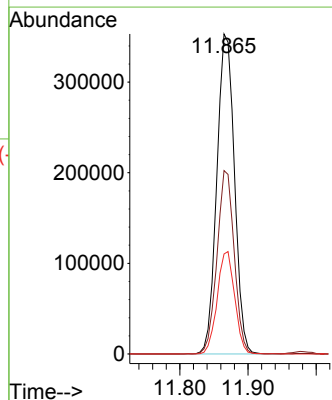
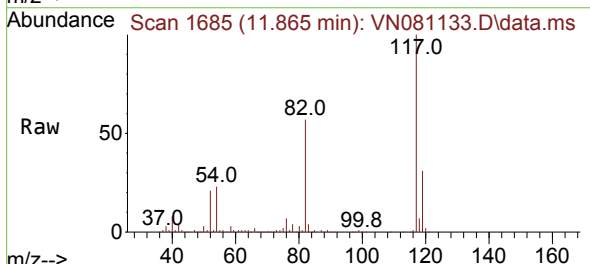
Instrument :
MSVOA_N
ClientSampleId :

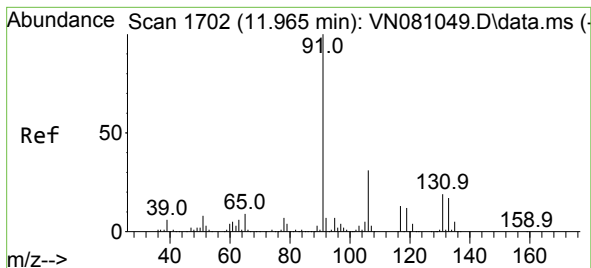
Tgt Ion: 95 Resp: 237963
Ion Ratio Lower Upper
95 100
174 72.0 0.0 120.4
176 68.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion: 117 Resp: 635834
Ion Ratio Lower Upper
117 100
82 57.3 52.7 79.1
119 31.2 25.3 37.9





#67

Ethyl Benzene

Concen: 3.406 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

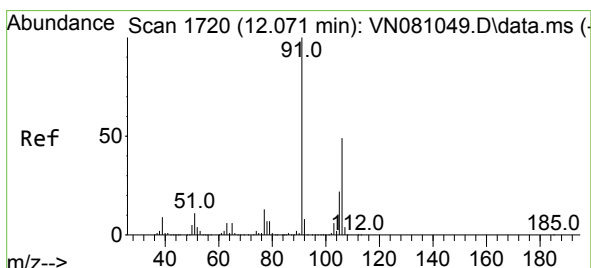
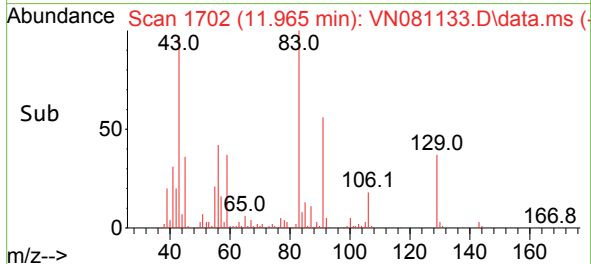
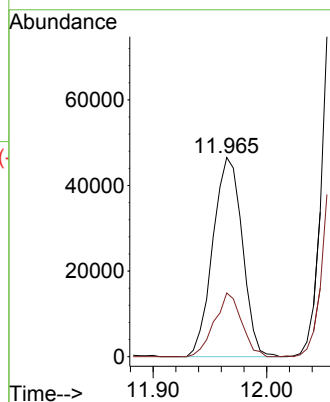
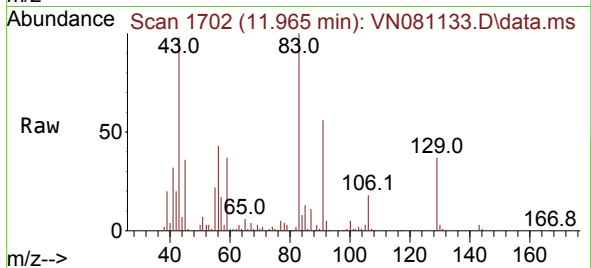
ClientSampleId :

Tgt Ion: 91 Resp: 83880

Ion Ratio Lower Upper

91 100

106 32.0 23.8 35.6



#68

m/p-Xylenes

Concen: 17.555 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN081133.D

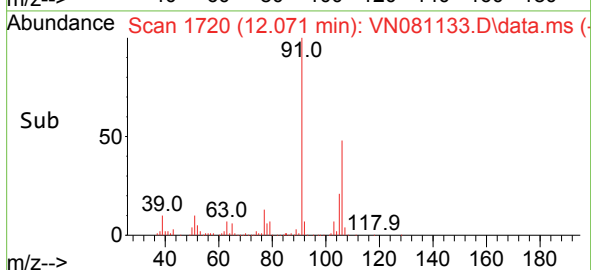
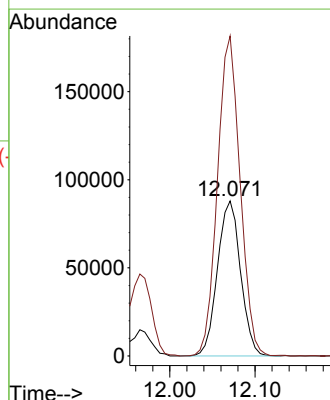
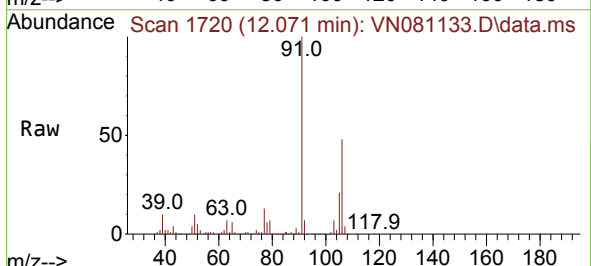
Acq: 22 Feb 2024 14:24

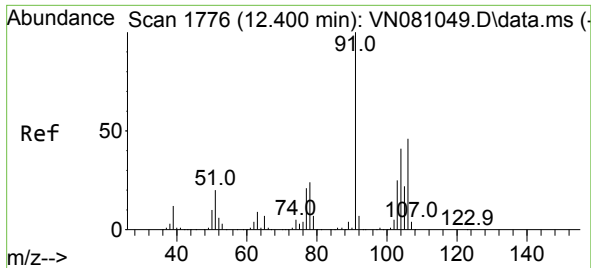
Tgt Ion:106 Resp: 165692

Ion Ratio Lower Upper

106 100

91 202.3 169.0 253.6

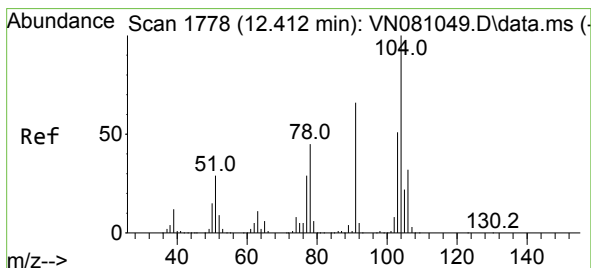
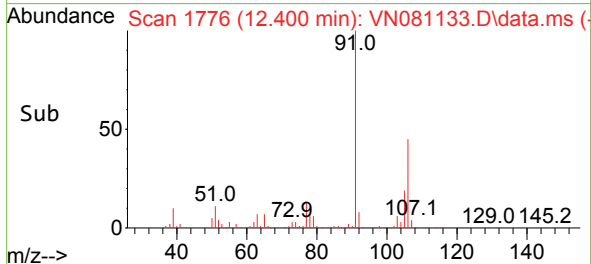
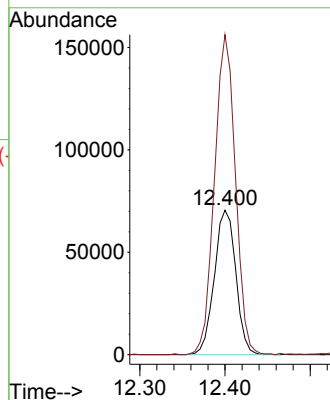
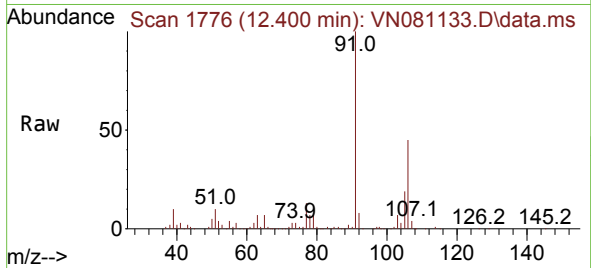




#69
o-Xylene
Concen: 13.212 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

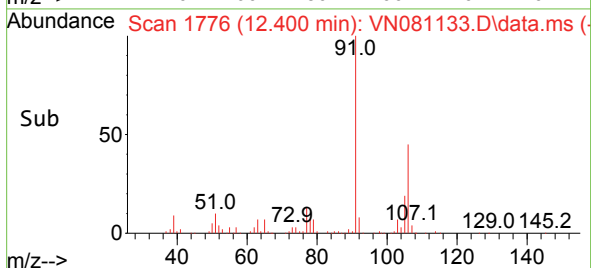
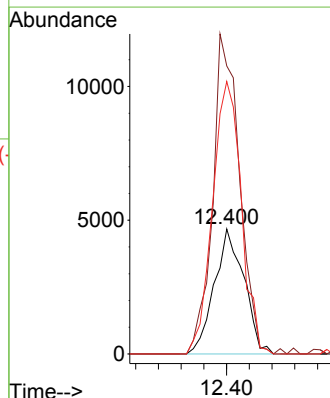
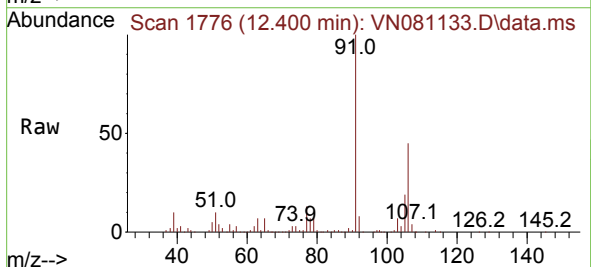
Instrument :
MSVOA_N
ClientSampleId :

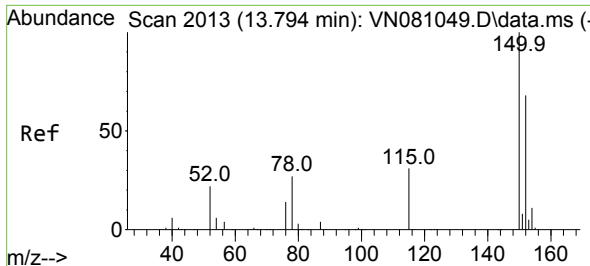
Tgt Ion:106 Resp: 123611
Ion Ratio Lower Upper
106 100
91 215.9 112.1 336.3



#70
Styrene
Concen: 0.571 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

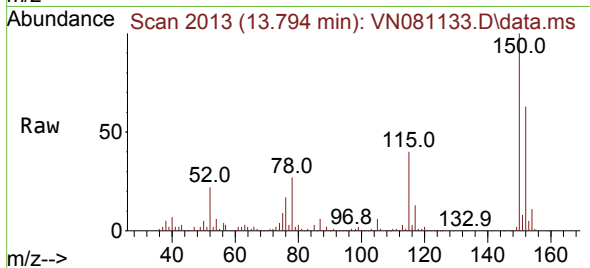
Tgt Ion:104 Resp: 8459
Ion Ratio Lower Upper
104 100
78 231.6 43.8 65.8#
103 211.5 44.2 66.2#



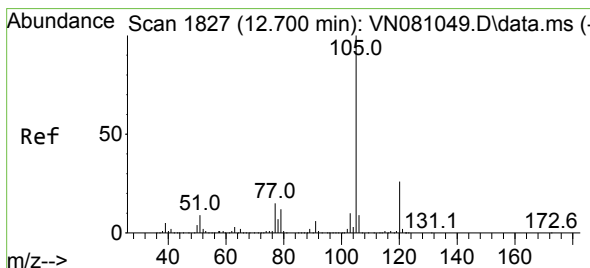
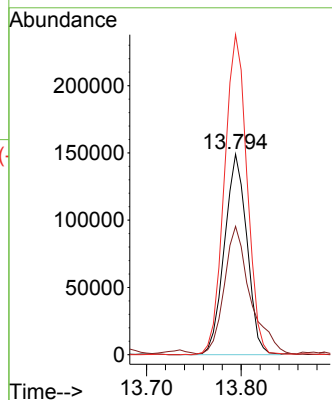
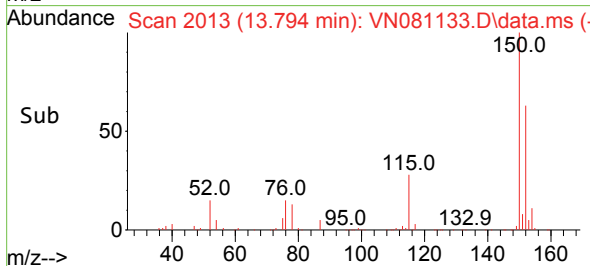


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

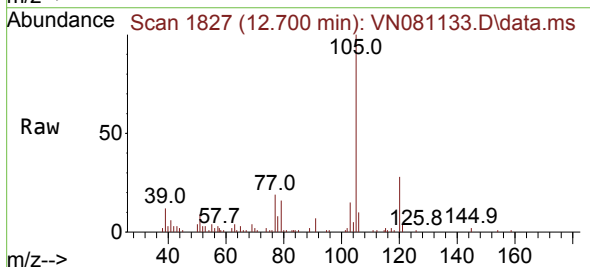
Instrument :
 MSVOA_N
 ClientSampleId :



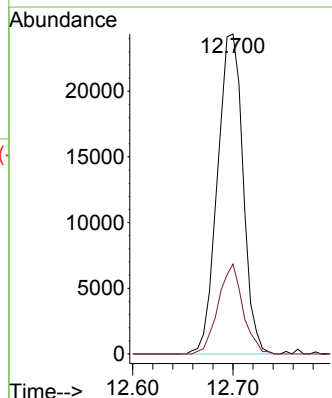
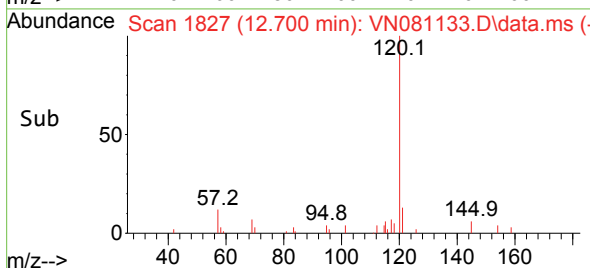
Tgt Ion:152 Resp: 245596
 Ion Ratio Lower Upper
 152 100
 115 73.1 32.3 96.8
 150 161.2 0.0 339.8

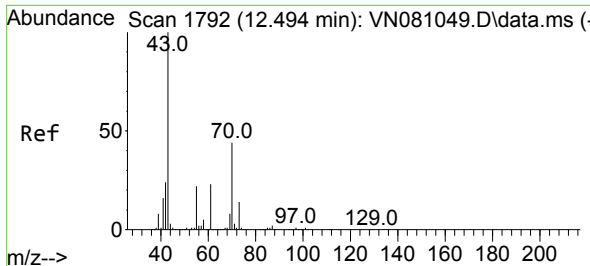


#73
 Isopropylbenzene
 Concen: 2.003 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24



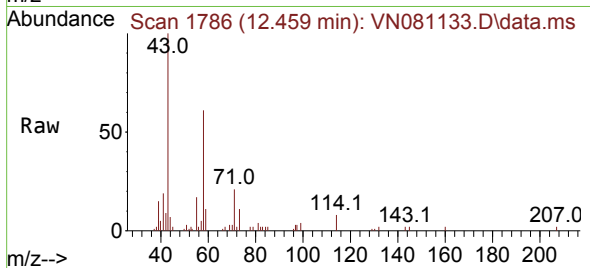
Tgt Ion:105 Resp: 43035
 Ion Ratio Lower Upper
 105 100
 120 27.2 12.6 37.6



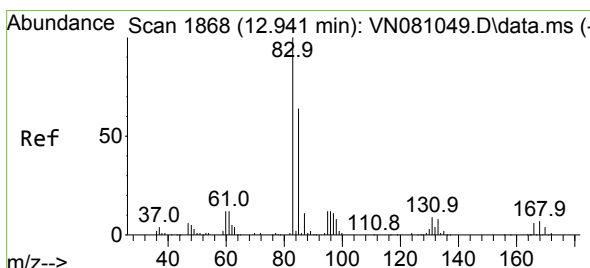
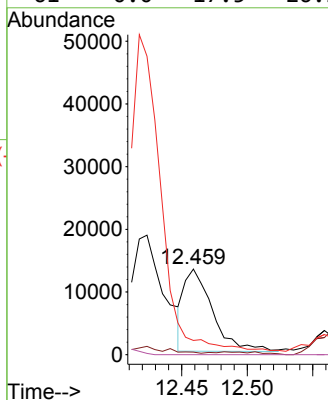
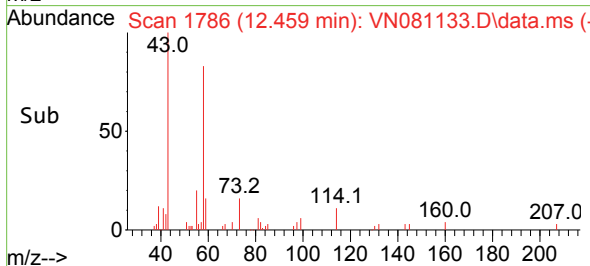


#74
N-amy1 acetate
Concen: 2.186 ug/l
RT: 12.459 min Scan# 1792
Delta R.T. -0.035 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

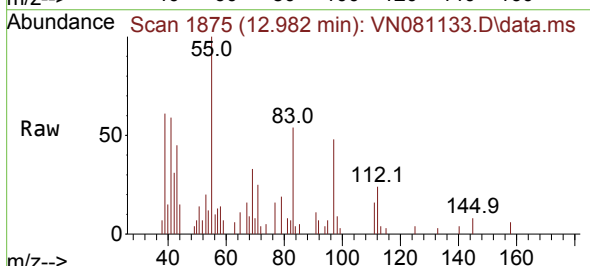
Instrument :
MSVOA_N
ClientSampleId :



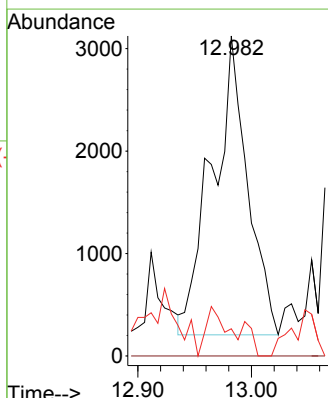
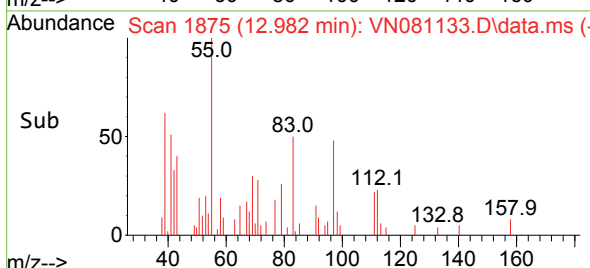
Tgt Ion: 43 Resp: 19852
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 0.0 17.0 25.4#
61 0.0 17.5 26.3#

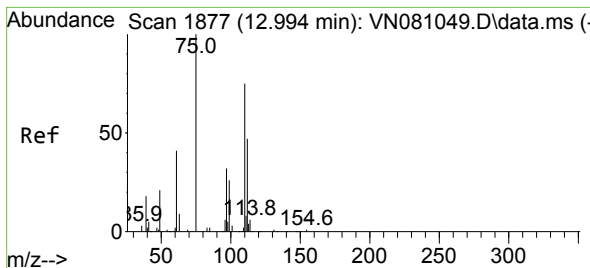


#75
1,1,2,2-Tetrachloroethane
Concen: 1.050 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.041 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24



Tgt Ion: 83 Resp: 6342
Ion Ratio Lower Upper
83 100
131 0.0 4.1 12.3#
85 0.0 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 1.445 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.106 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

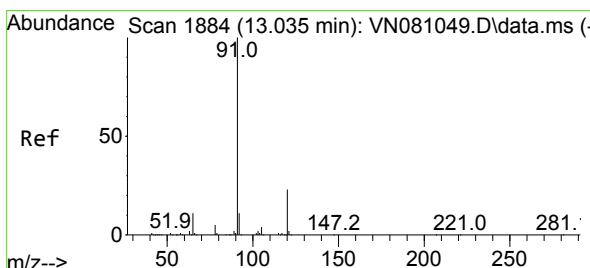
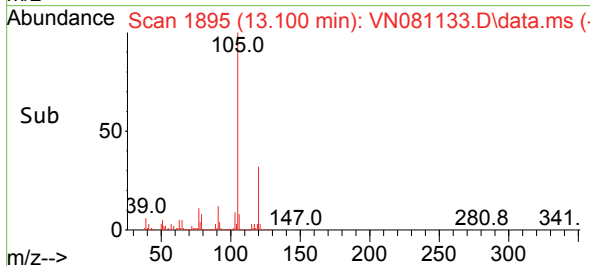
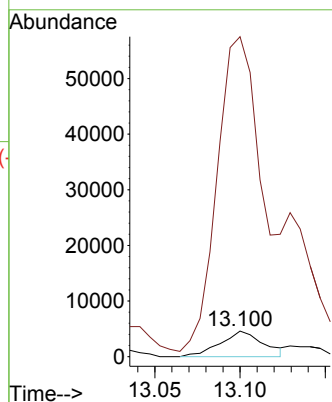
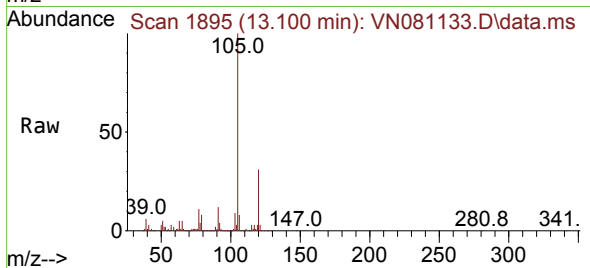
ClientSampleId :

Tgt Ion: 75 Resp: 8061

Ion Ratio Lower Upper

75 100

77 1303.1 91.0 272.8#



#78

n-propylbenzene

Concen: 9.172 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081133.D

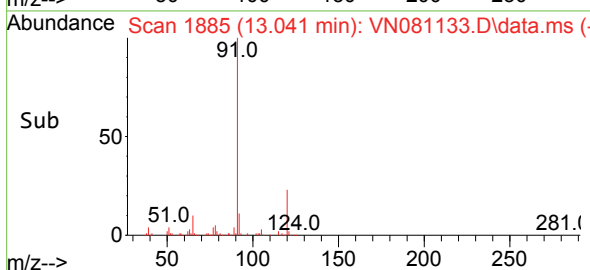
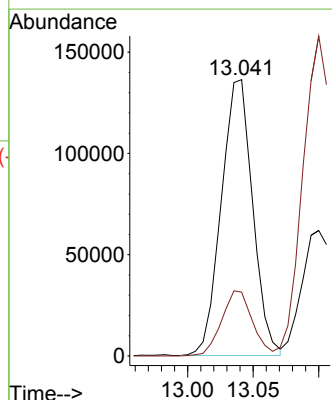
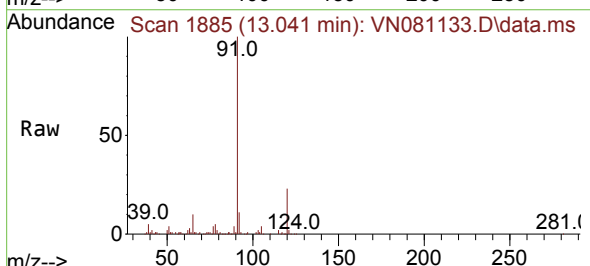
Acq: 22 Feb 2024 14:24

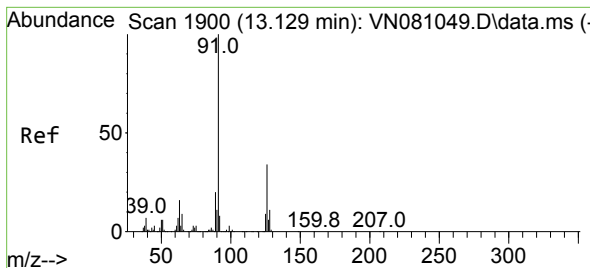
Tgt Ion: 91 Resp: 226889

Ion Ratio Lower Upper

91 100

120 23.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 6.864 ug/l

RT: 13.100 min Scan# 1

Delta R.T. -0.029 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

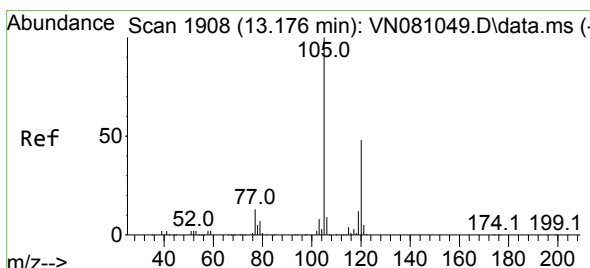
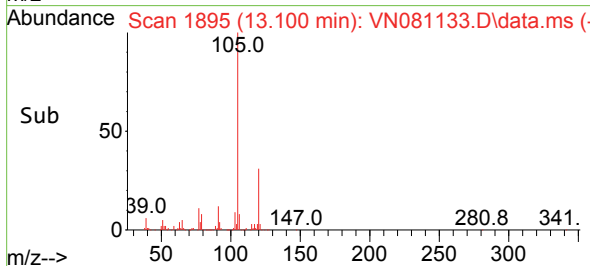
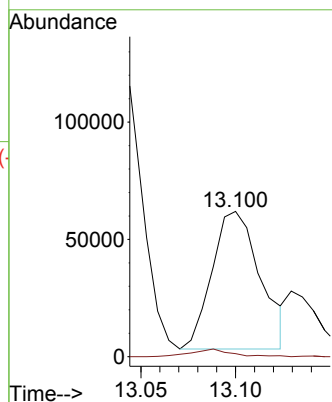
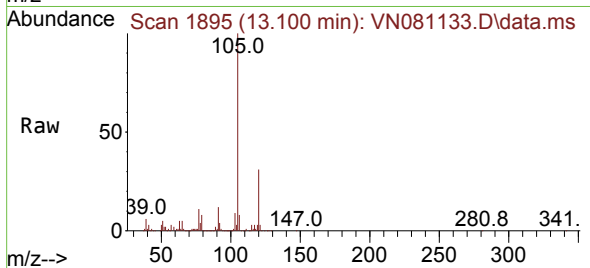
ClientSampleId :

Tgt Ion: 91 Resp: 104146

Ion Ratio Lower Upper

91 100

126 4.7 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 21.649 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081133.D

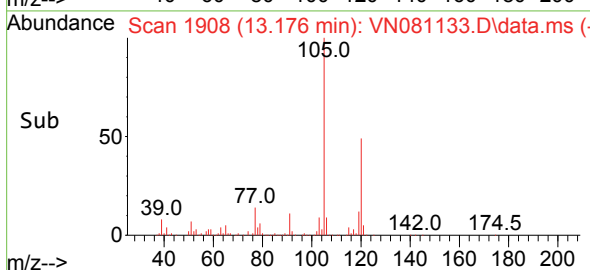
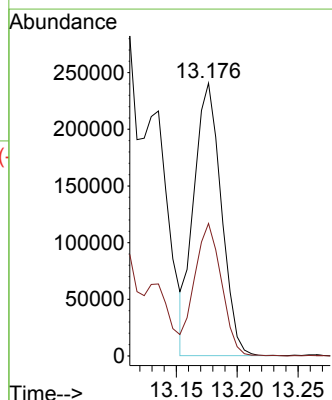
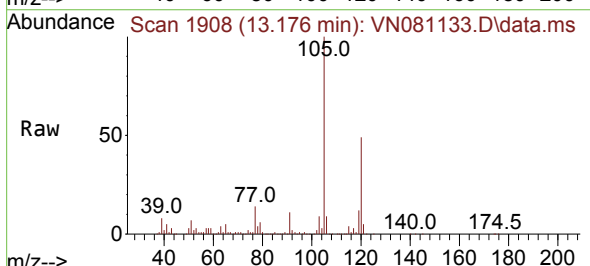
Acq: 22 Feb 2024 14:24

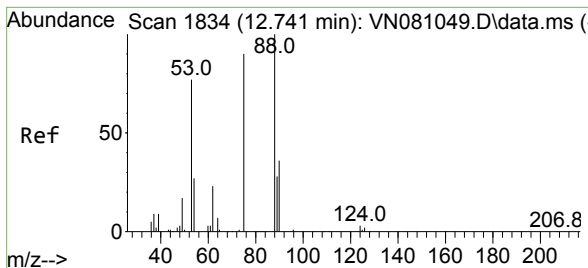
Tgt Ion:105 Resp: 377171

Ion Ratio Lower Upper

105 100

120 47.8 23.0 69.0

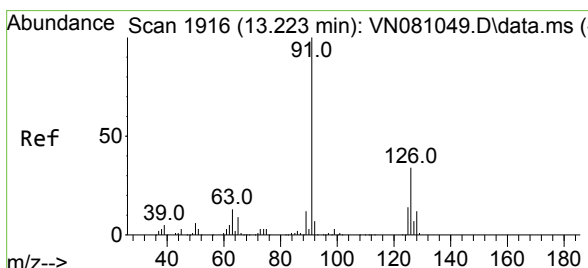
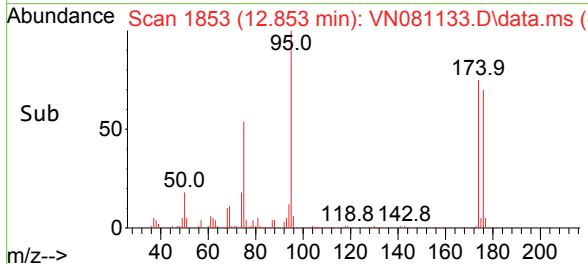
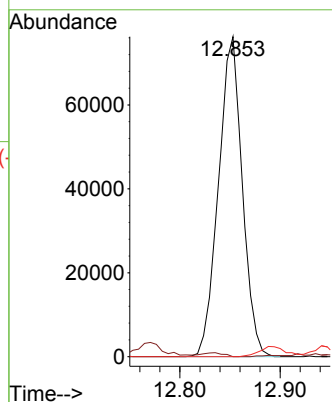
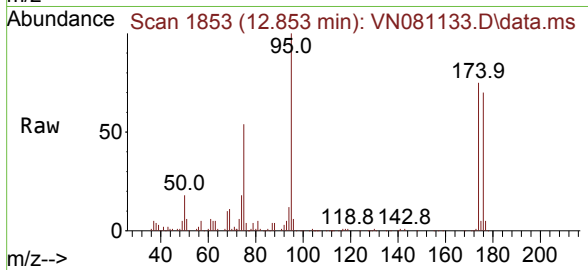




#81
trans-1,4-Dichloro-2-butene
Concen: 57.995 ug/l
RT: 12.853 min Scan# 1834
Delta R.T. 0.112 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

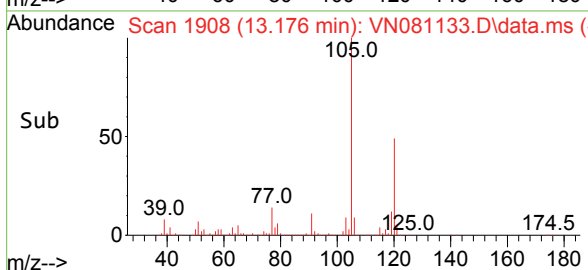
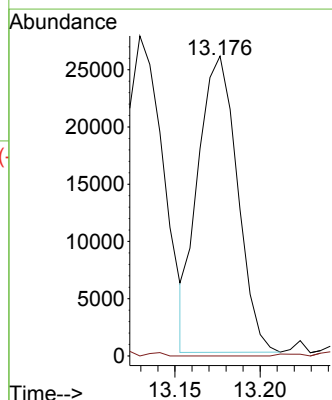
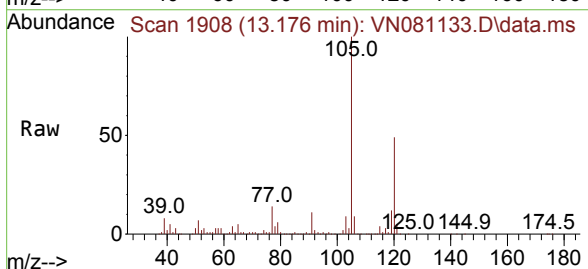
Instrument :
MSVOA_N
ClientSampleId :

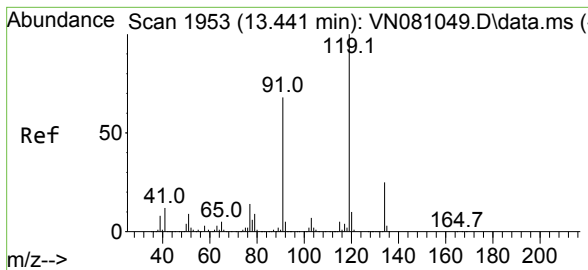
Tgt Ion: 75 Resp: 125729
Ion Ratio Lower Upper
75 100
53 1.2 71.4 107.2#
89 0.0 33.4 50.0#



#82
4-Chlorotoluene
Concen: 2.795 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN081133.D
Acq: 22 Feb 2024 14:24

Tgt Ion: 91 Resp: 41473
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#





#83

tert-Butylbenzene

Concen: 8.371 ug/l

RT: 13.676 min Scan# 1953

Delta R.T. 0.235 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

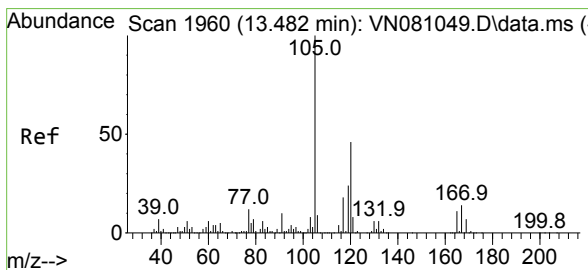
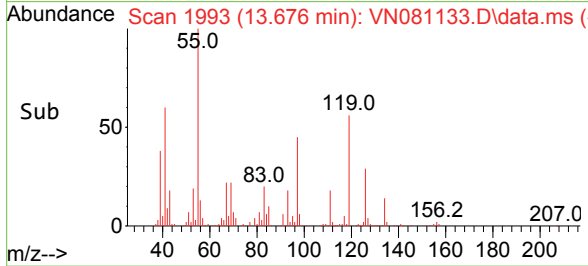
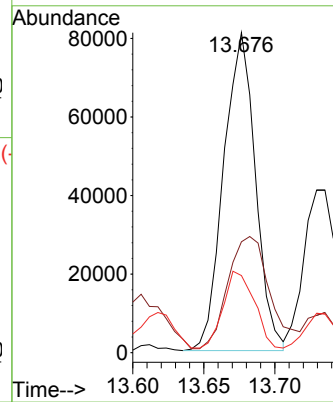
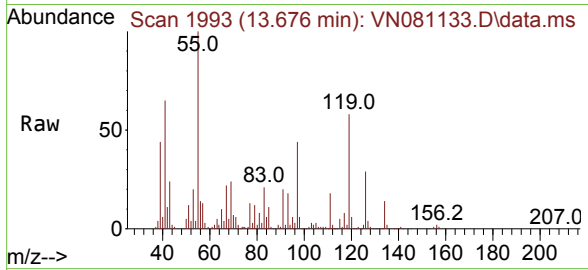
Tgt Ion:119 Resp: 126101

Ion Ratio Lower Upper

119 100

91 46.8 36.8 110.4

134 24.1 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 99.473 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081133.D

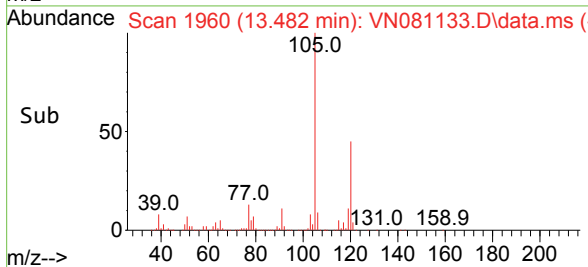
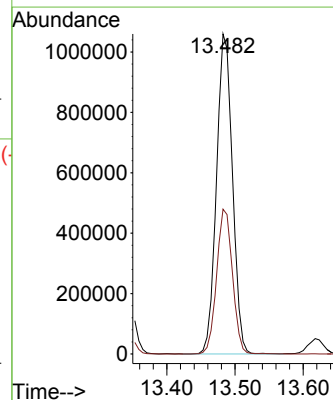
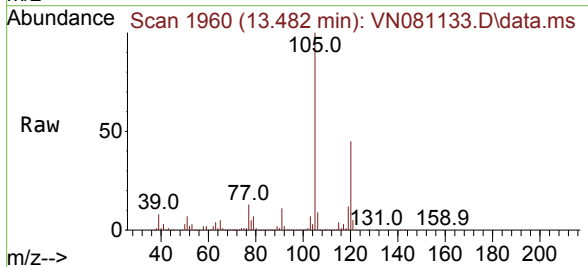
Acq: 22 Feb 2024 14:24

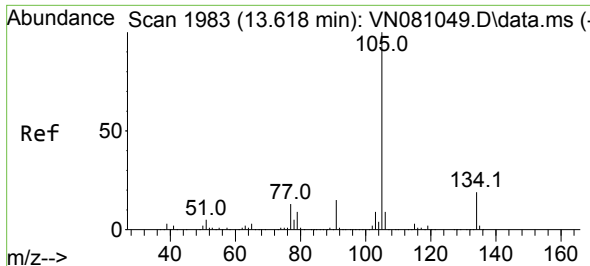
Tgt Ion:105 Resp: 1726956

Ion Ratio Lower Upper

105 100

120 44.9 20.9 62.7

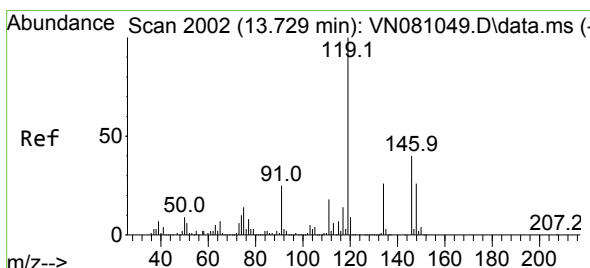
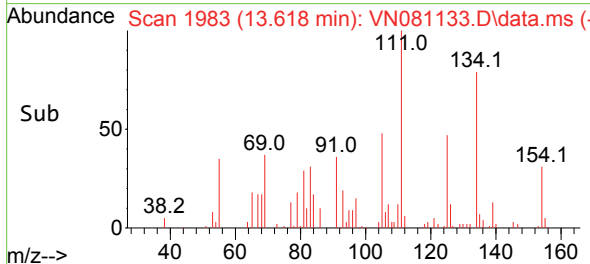
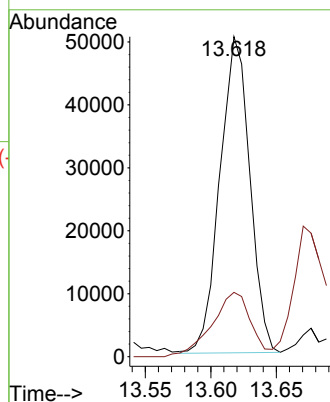
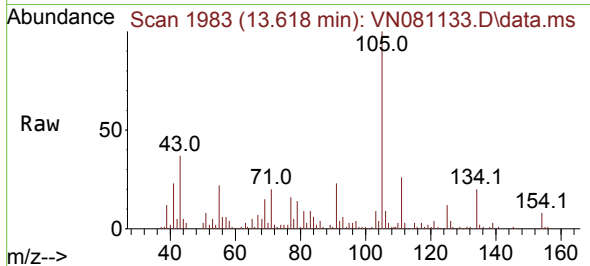




#85
 sec-Butylbenzene
 Concen: 3.808 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

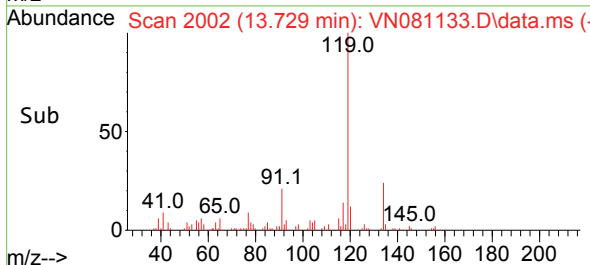
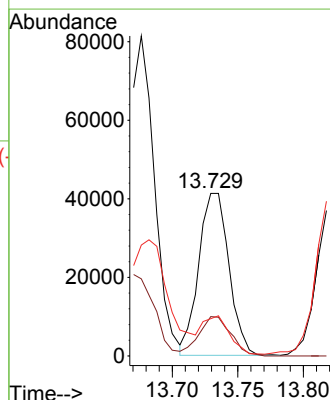
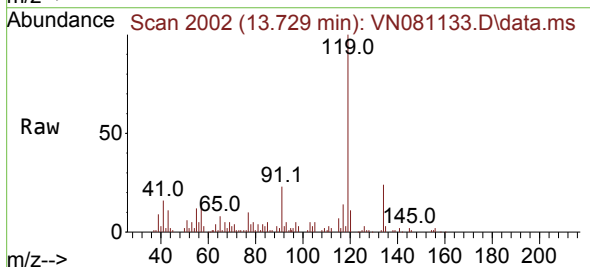
Instrument :
 MSVOA_N
 ClientSampleId :

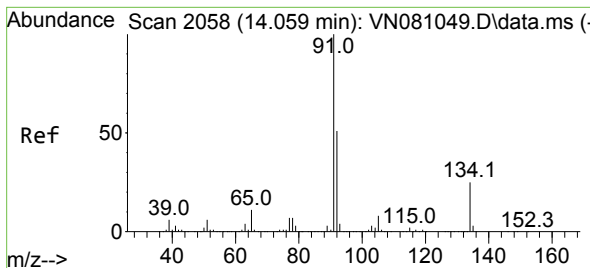
Tgt Ion:105 Resp: 79757
 Ion Ratio Lower Upper
 105 100
 134 26.5 8.6 25.8#



#86
 p-Isopropyltoluene
 Concen: 3.811 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

Tgt Ion:119 Resp: 66289
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.2
 91 20.7 13.5 40.4





#89

n-Butylbenzene

Concen: 9.388 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

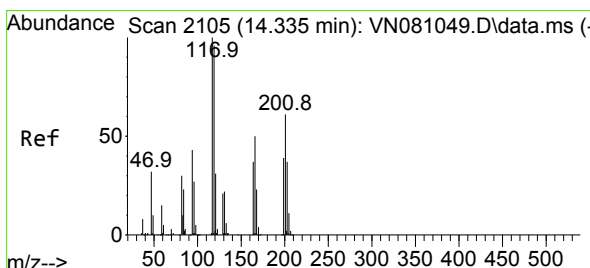
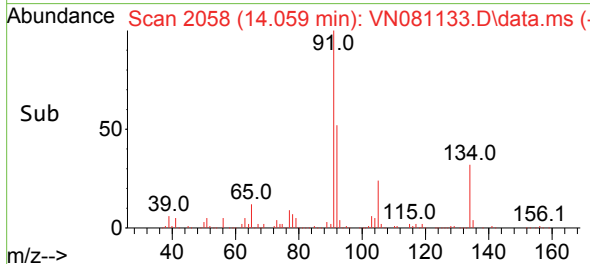
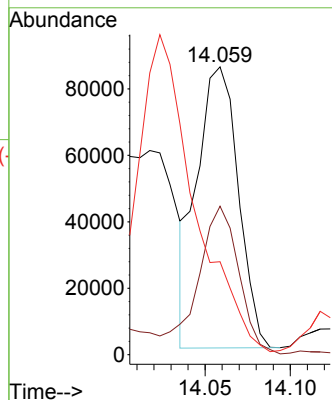
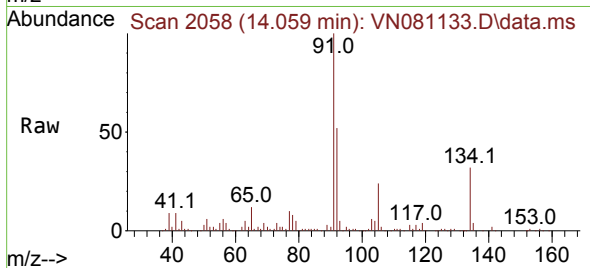
Tgt Ion: 91 Resp: 142273

Ion Ratio Lower Upper

91 100

92 52.0 26.7 80.1

134 0.0 10.8 32.4#



#90

Hexachloroethane

Concen: 15.386 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081133.D

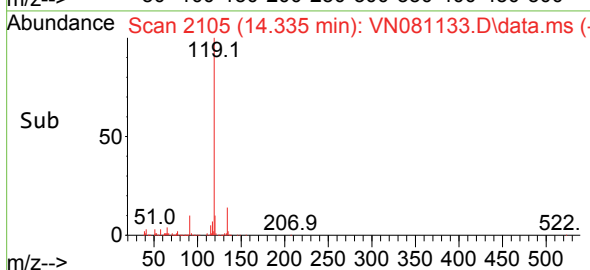
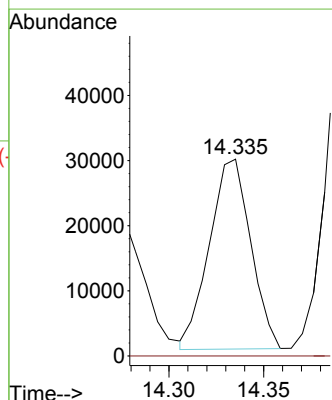
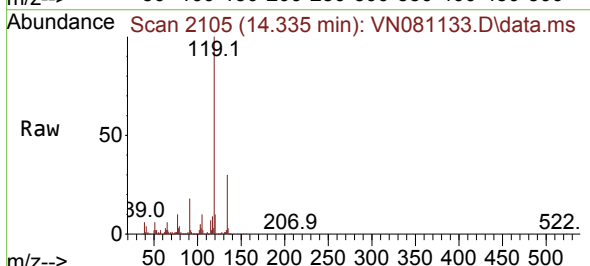
Acq: 22 Feb 2024 14:24

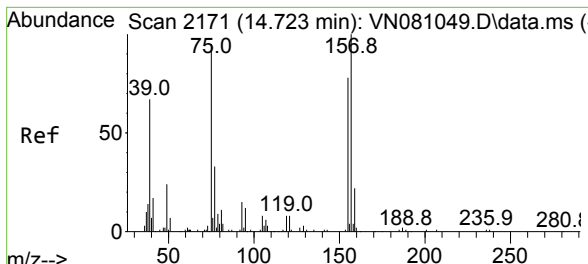
Tgt Ion: 117 Resp: 44242

Ion Ratio Lower Upper

117 100

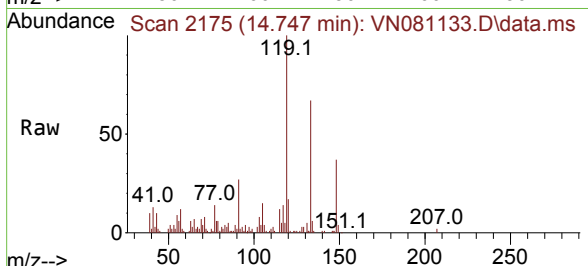
201 0.0 30.0 90.0#



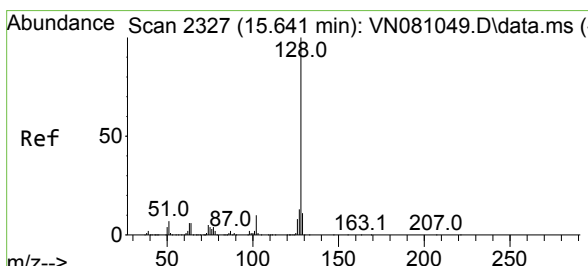
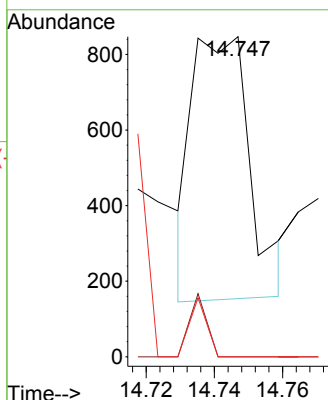
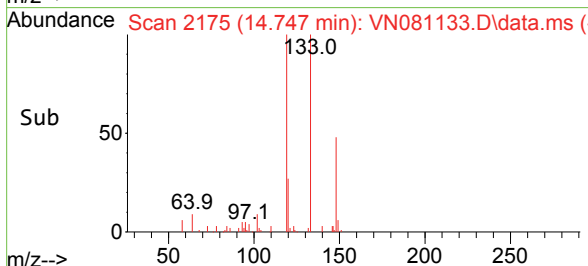


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.648 ug/l
 RT: 14.747 min Scan# 2175
 Delta R.T. 0.024 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

Instrument :
 MSVOA_N
 ClientSampleId :

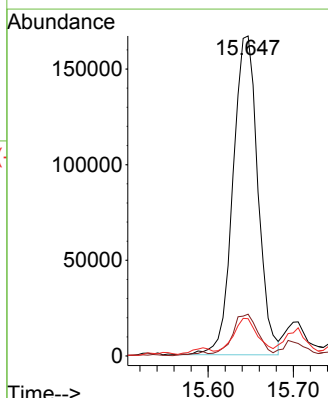
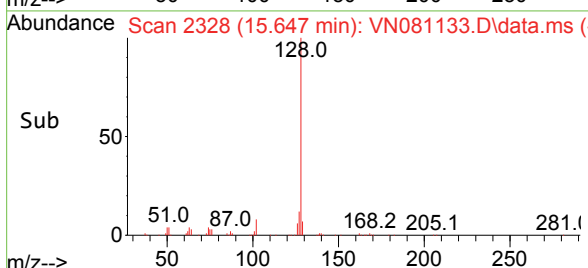
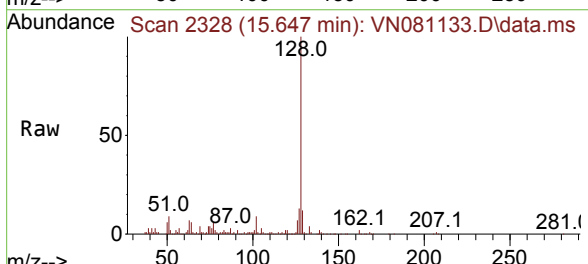


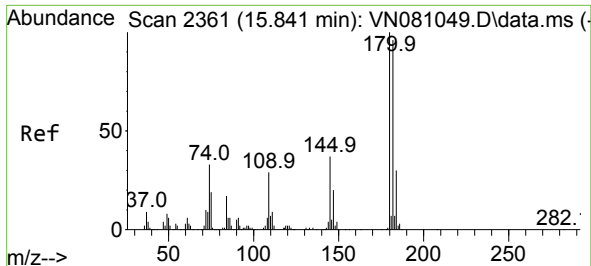
Tgt Ion:	75	Resp:	814
Ion Ratio	Lower	Upper	
75	100		
155	7.2	31.8	95.4#
157	0.0	41.1	123.4#



#95
 Naphthalene
 Concen: 18.982 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN081133.D
 Acq: 22 Feb 2024 14:24

Tgt Ion:	128	Resp:	338828
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.0	15.0
129	10.6	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.204 ug/l

RT: 15.853 min Scan# 21

Delta R.T. 0.012 min

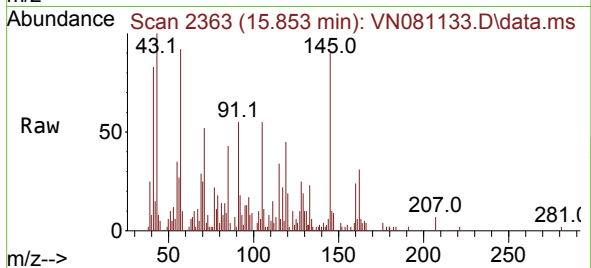
Lab File: VN081133.D

Acq: 22 Feb 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 987

Ion Ratio Lower Upper

180 100

182 68.4 46.5 139.3

145 0.0 17.8 53.4#

