

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081131.D
 Acq On : 22 Feb 2024 13:36
 Operator : JC\MD
 Sample : P1546-06 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:23:41 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	316102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	514415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197093	50.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.740%	
35) Dibromofluoromethane	8.171	113	164158	49.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.760%	
50) Toluene-d8	10.571	98	552541	47.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.847	95	209331	47.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.320%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1518	Below Cal	#	87
6) Chloroethane	3.118	64	214	Below Cal	#	42
10) Methyl Iodide	4.589	142	889	0.215	ug/l #	62
13) Acrolein	4.183	56	1085	2.841	ug/l #	64
16) Acetone	4.424	43	623	0.409	ug/l	97
17) Carbon Disulfide	4.712	76	3495	0.351	ug/l #	50
20) Methylene Chloride	5.271	84	1139	Below Cal	#	57
25) 2-Butanone	7.488	43	819	0.333	ug/l #	51
31) Cyclohexane	8.230	56	8005	1.197	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28405	5.038	ug/l #	51
38) Carbon Tetrachloride	8.224	117	35240	6.178	ug/l #	16
39) Methylcyclohexane	9.606	83	1601	0.244	ug/l #	72
40) Benzene	8.606	78	19221	1.178	ug/l #	88
43) Isopropyl Acetate	8.694	43	4427	0.497	ug/l #	57
49) 1,4-Dioxane	9.694	88	69	Below Cal	#	11
52) Toluene	10.629	92	485699	47.010	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.153	63	691	0.227	ug/l #	52
59) 2-Hexanone	11.188	43	872	0.215	ug/l #	26
67) Ethyl Benzene	11.965	91	341242	17.129	ug/l	99
68) m/p-Xylenes	12.071	106	475389	62.254	ug/l	97
69) o-Xylene	12.400	106	226079	29.867	ug/l	94
70) Styrene	12.394	104	12512	1.043	ug/l #	1
73) Isopropylbenzene	12.700	105	20079	1.039	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	113078	22.529	ug/l #	1
78) n-propylbenzene	13.041	91	70652	3.175	ug/l	96
79) 2-Chlorotoluene	13.100	91	28876	2.116	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	97642	6.231	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	113078	57.989	ug/l #	14
82) 4-Chlorotoluene	13.176	91	9607	0.720	ug/l #	44
83) tert-Butylbenzene	13.482	119	44404	3.277	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.482	105	367165	23.513	ug/l	93
85) sec-Butylbenzene	13.482	105	367165	19.491	ug/l #	60
86) p-Isopropyltoluene	13.729	119	3777	0.241	ug/l	89
88) 1,4-Dichlorobenzene	13.817	146	1982	0.248	ug/l #	41
89) n-Butylbenzene	14.053	91	7854	0.576	ug/l #	71
90) Hexachloroethane	14.329	117	4305	1.665	ug/l #	21

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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

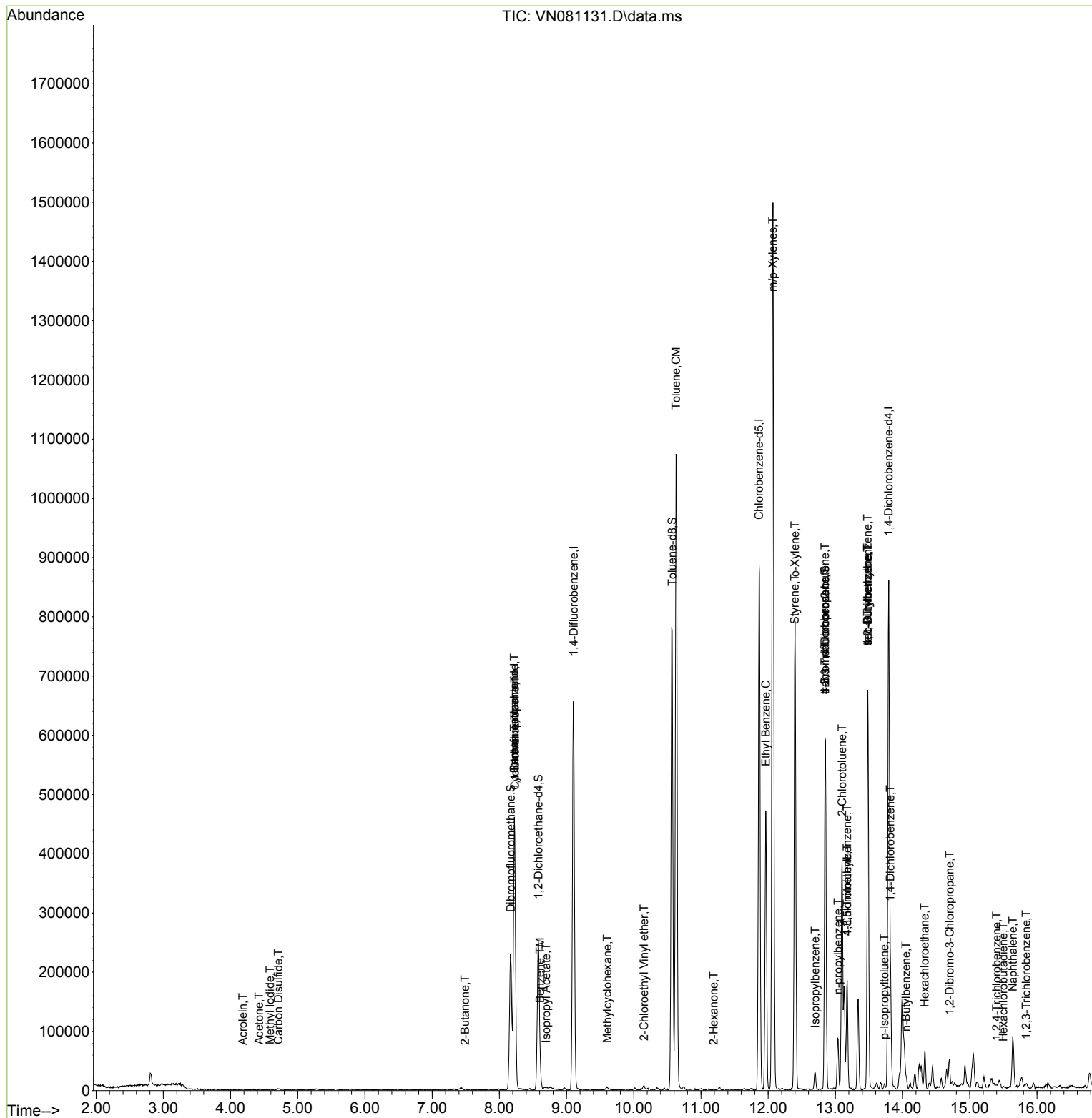
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.700	75	326	0.289	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.400	180	1691	0.386	ug/l #	66
94) Hexachlorobutadiene	15.500	225	441	0.270	ug/l #	35
95) Naphthalene	15.641	128	78618	4.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	1335	0.307	ug/l	87

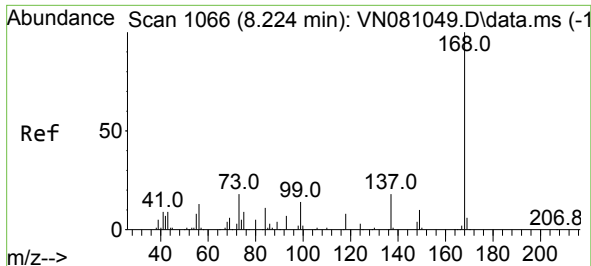
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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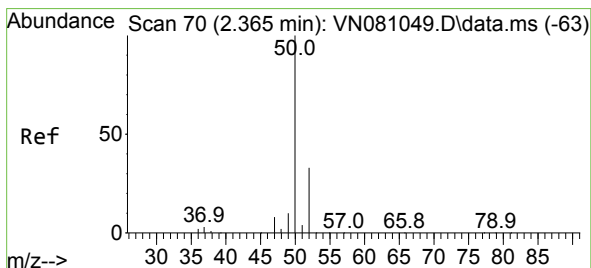
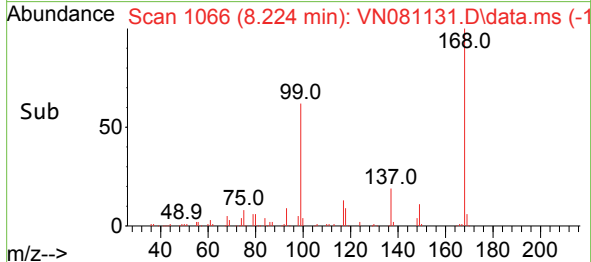
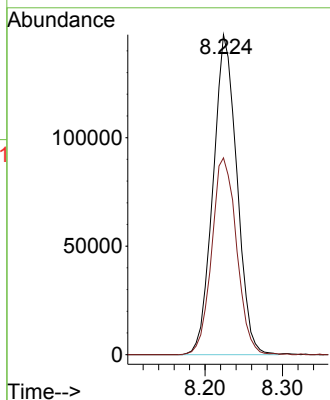
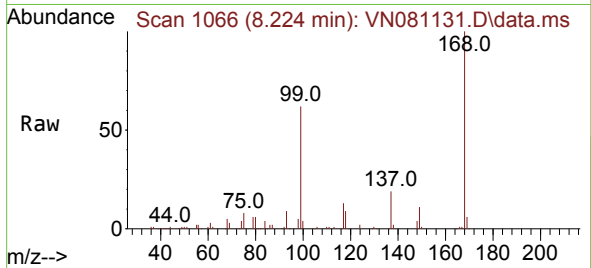




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

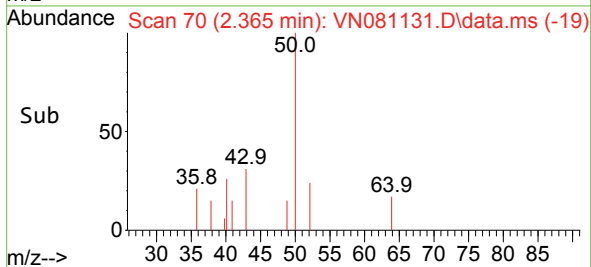
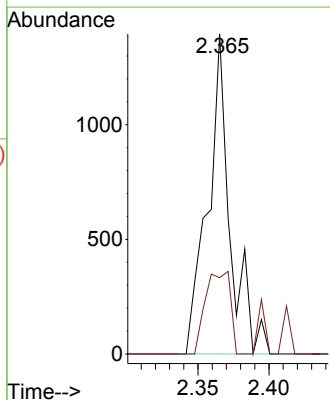
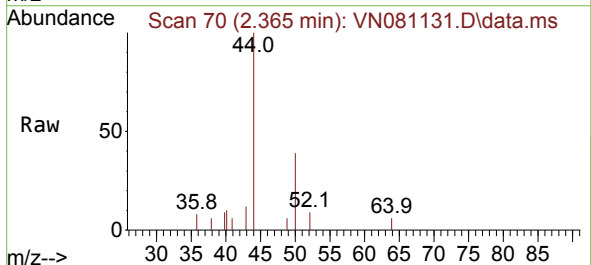
Instrument :
MSVOA_N
ClientSampleId :

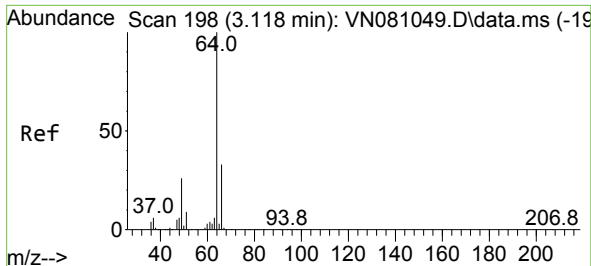
Tgt Ion:168 Resp: 316102
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 50 Resp: 1518
Ion Ratio Lower Upper
50 100
52 23.9 25.0 37.4#

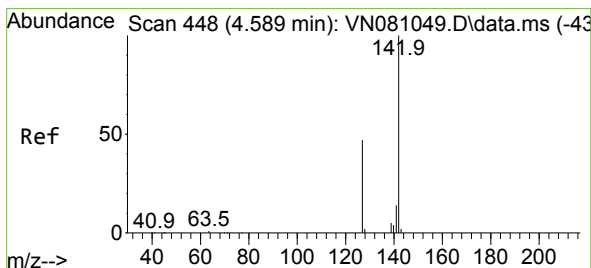
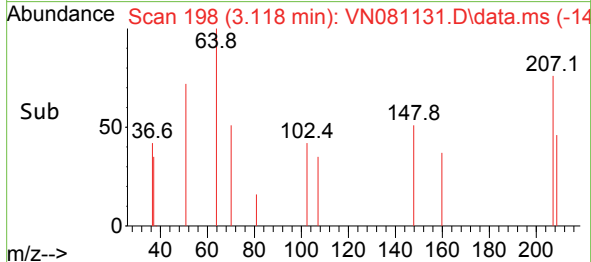
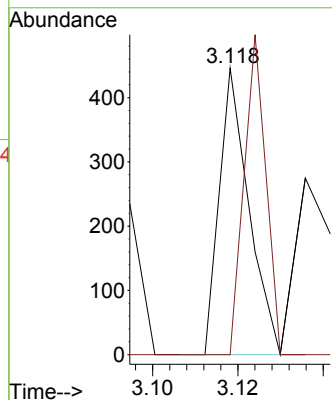
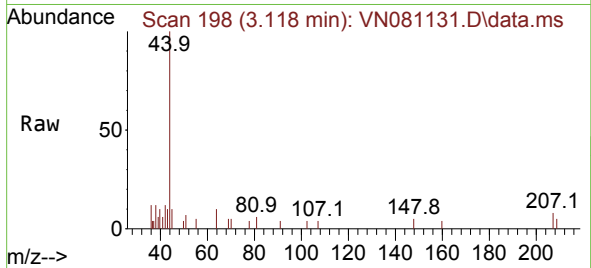




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

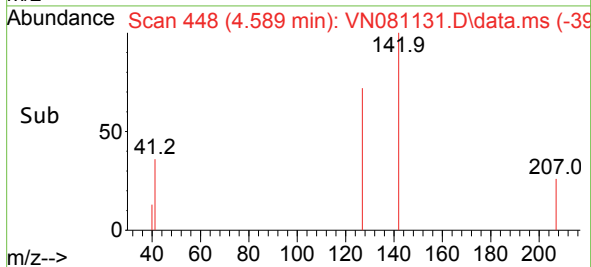
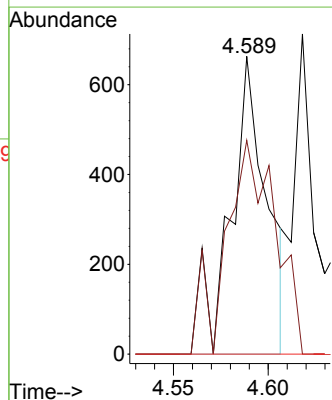
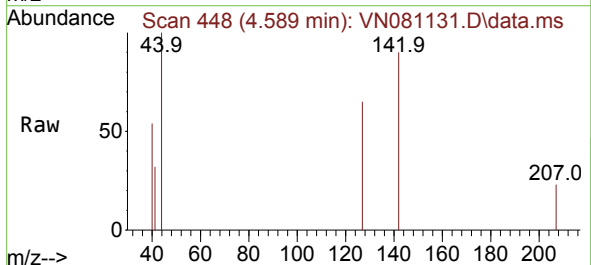
Instrument :
MSVOA_N
ClientSampleId :

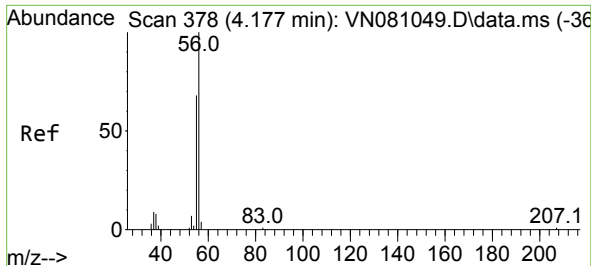
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#10
Methyl Iodide
Concen: 0.215 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

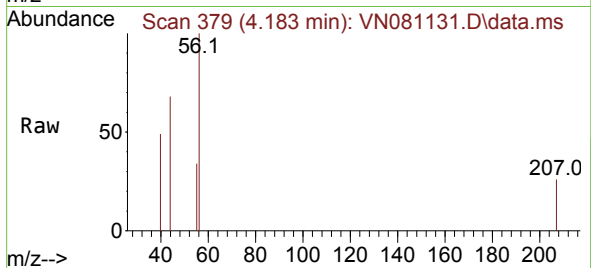
Tgt Ion:142 Resp: 889
Ion Ratio Lower Upper
142 100
127 71.8 37.0 55.4#
141 0.0 12.5 18.7#



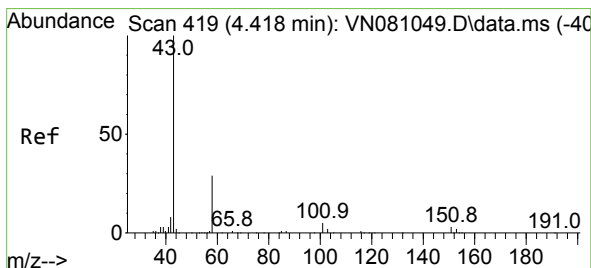
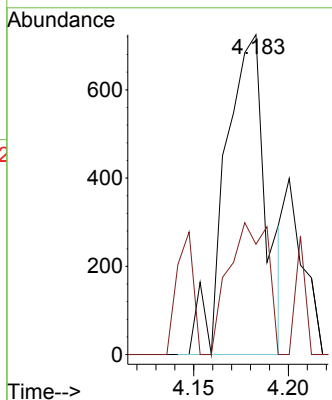
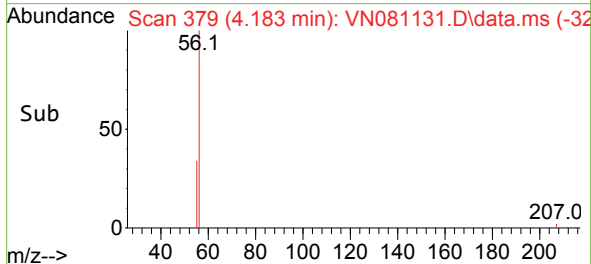


#13
Acrolein
Concen: 2.841 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

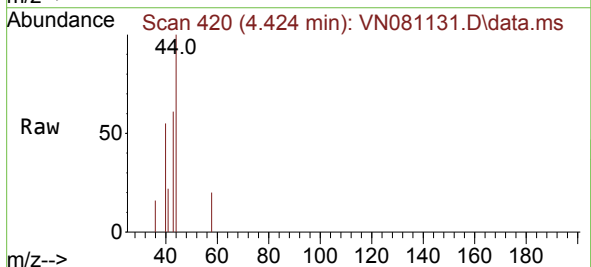
Instrument :
MSVOA_N
ClientSampleId :



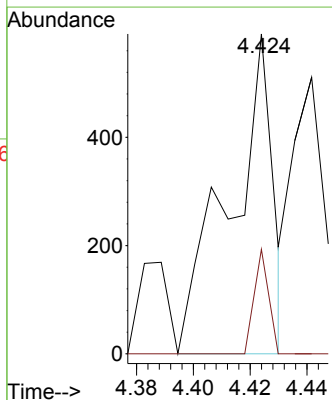
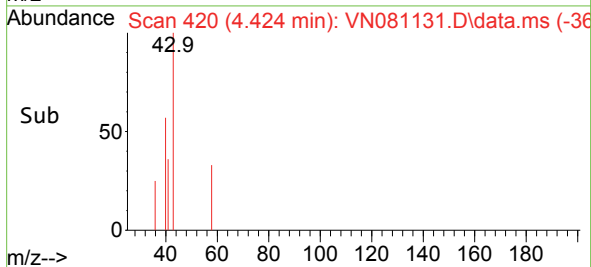
Tgt Ion: 56 Resp: 1085
Ion Ratio Lower Upper
56 100
55 39.8 55.3 82.9#

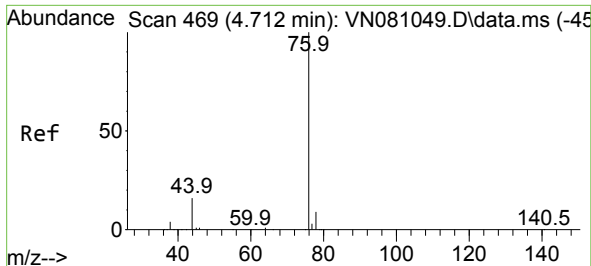


#16
Acetone
Concen: 0.409 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36



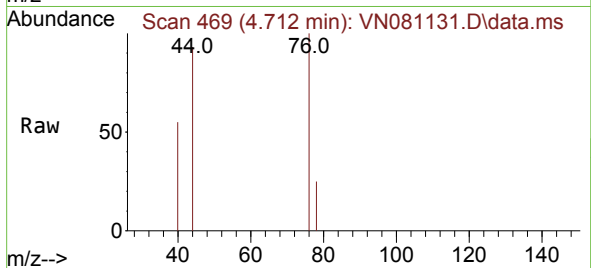
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2



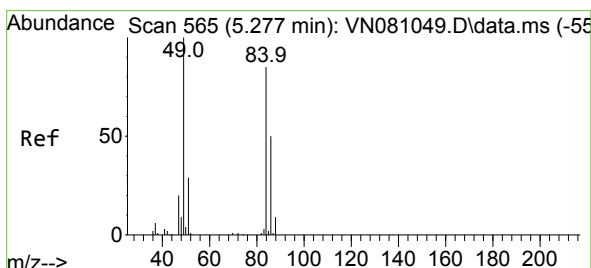
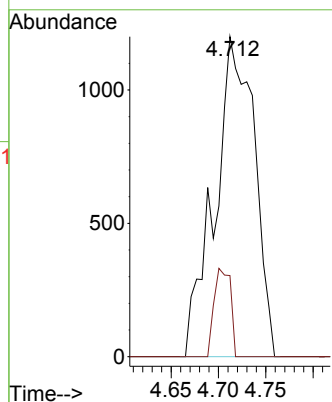
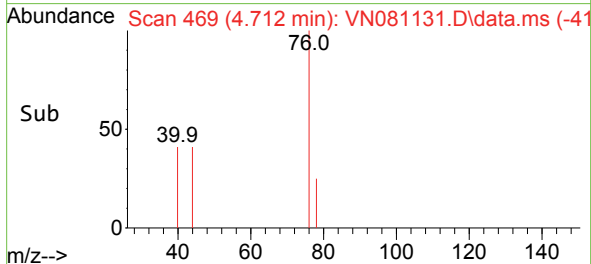


#17
Carbon Disulfide
Concen: 0.351 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

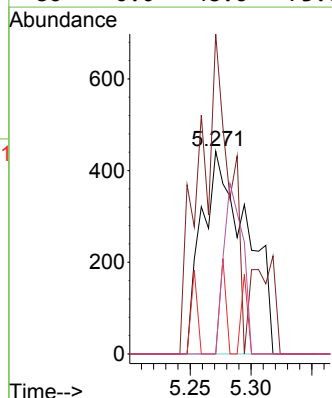
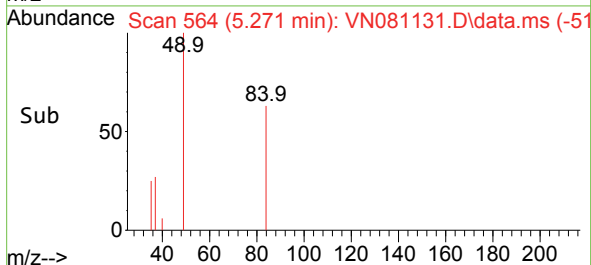
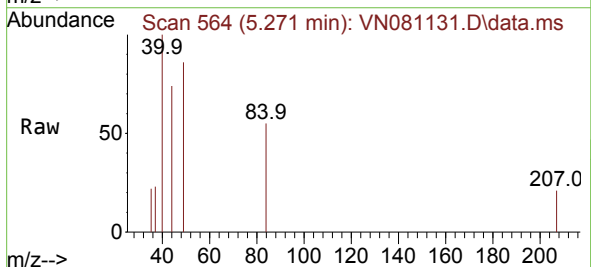


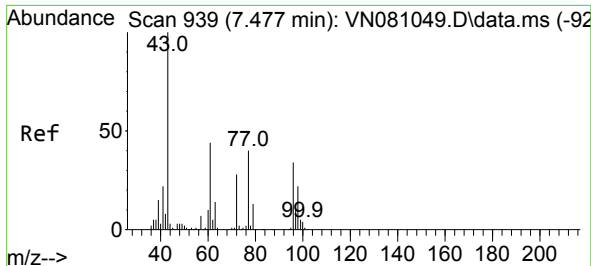
Tgt Ion: 76 Resp: 3495
Ion Ratio Lower Upper
76 100
78 25.3 6.3 9.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 84 Resp: 1139
Ion Ratio Lower Upper
84 100
49 157.9 108.1 162.1
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

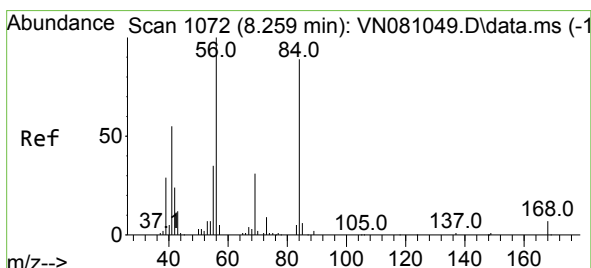
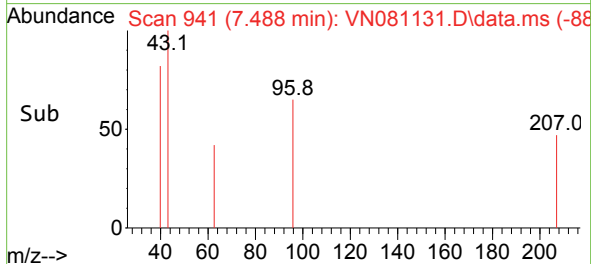
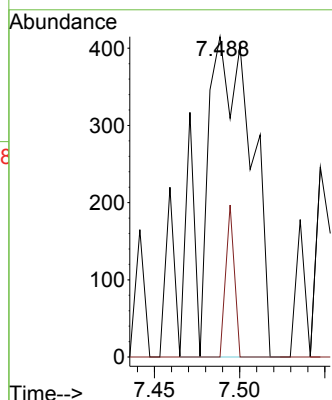
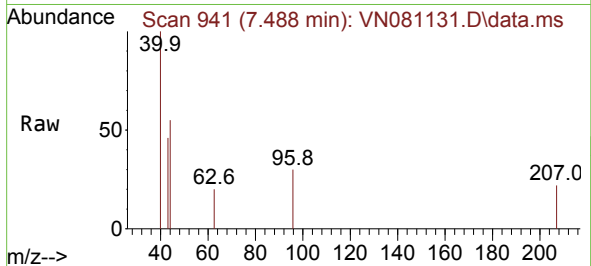




#25
2-Butanone
Concen: 0.333 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

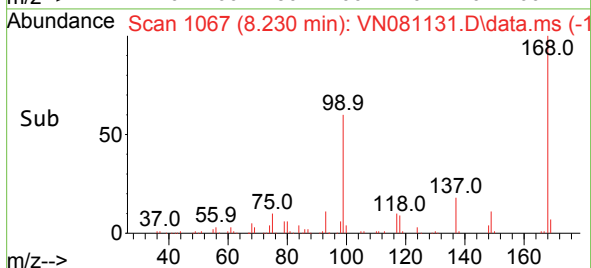
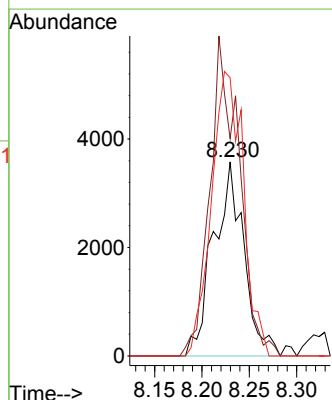
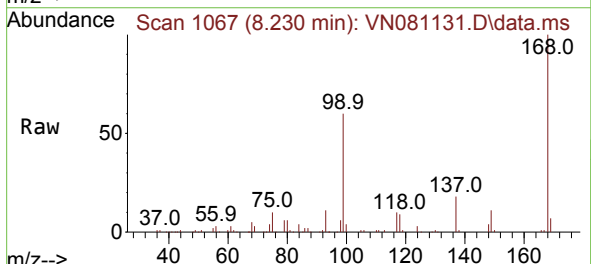
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MSVOA_N
ClientSampleId :

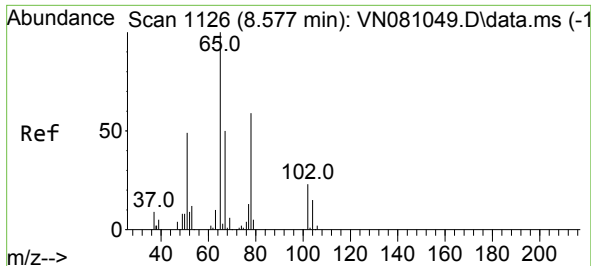
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 56 Resp: 8005
Ion Ratio Lower Upper
56 100
69 112.0 20.1 30.1#
84 143.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.869 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

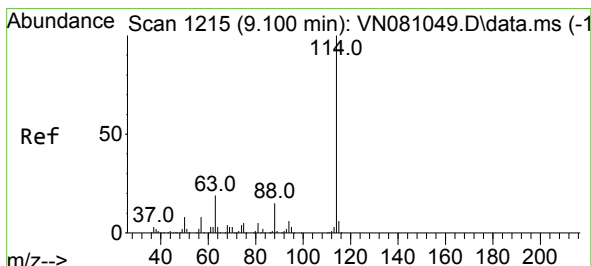
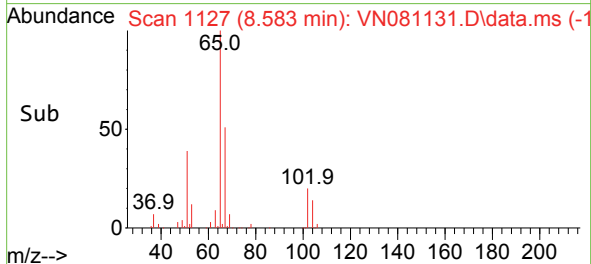
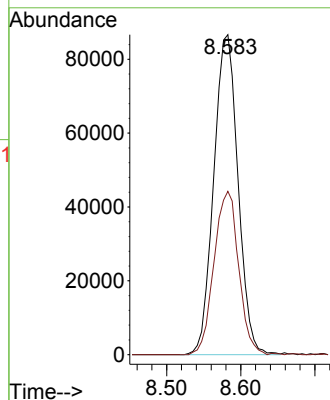
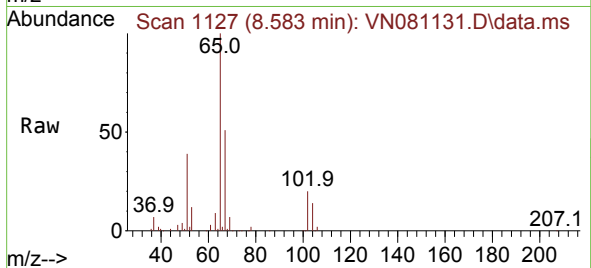
ClientSampleId :

Tgt Ion: 65 Resp: 197093

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

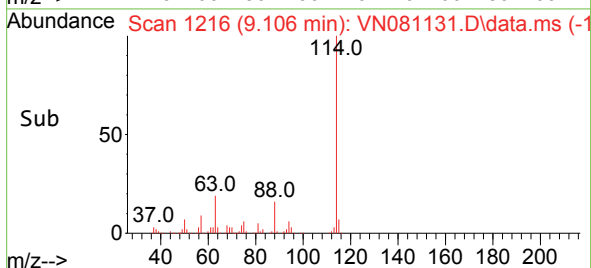
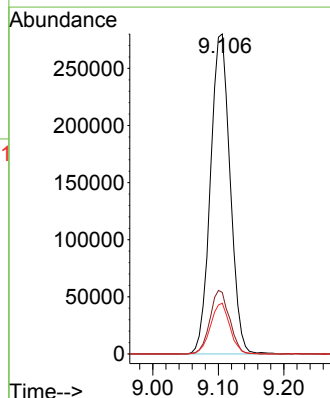
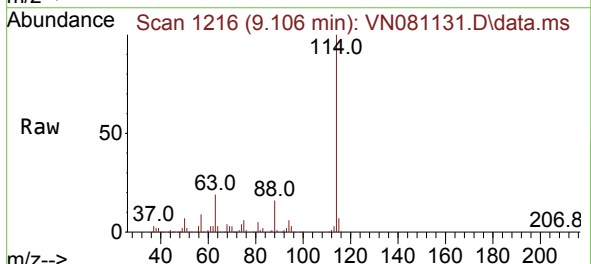
Tgt Ion: 114 Resp: 582004

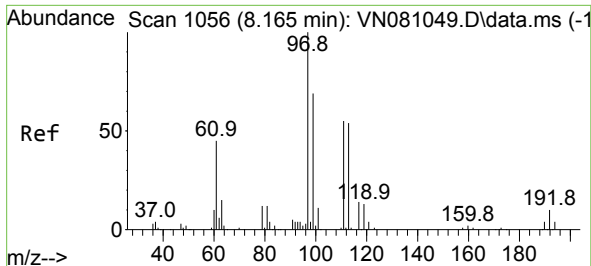
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.9 0.0 34.8

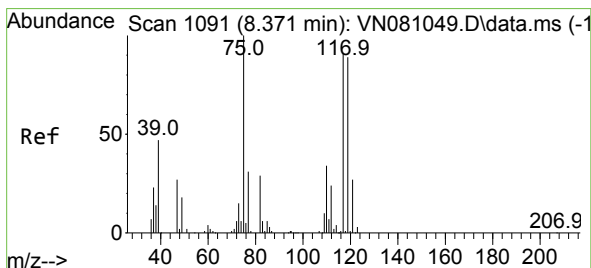
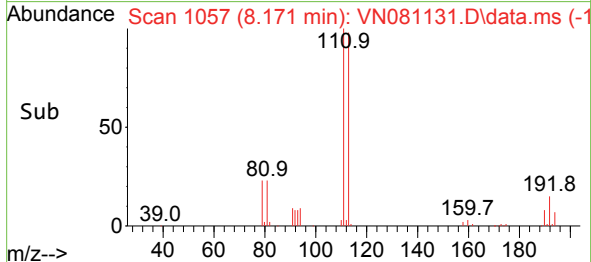
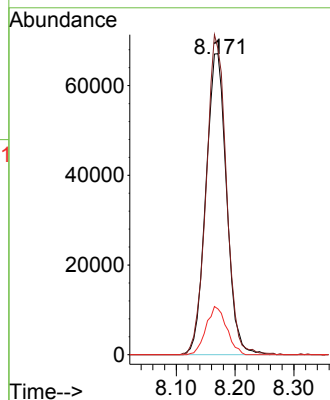
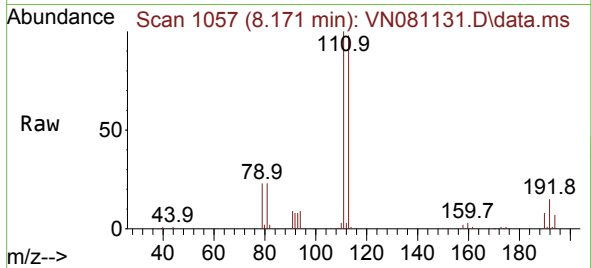




#35
Dibromofluoromethane
Concen: 49.880 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

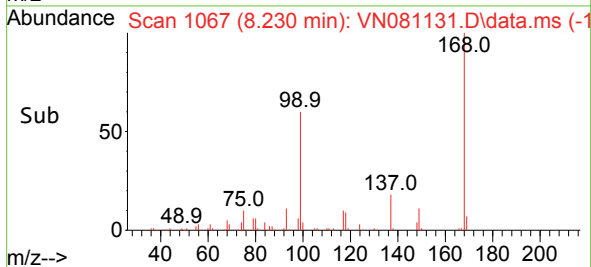
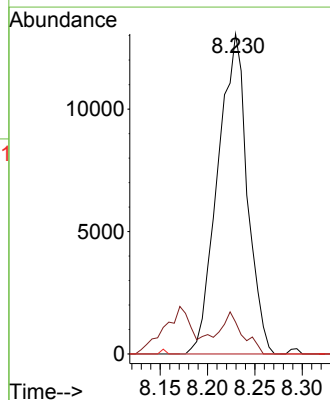
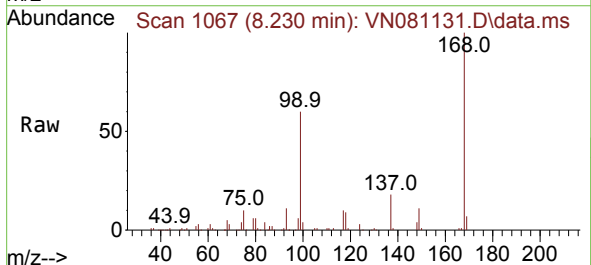
Instrument :
MSVOA_N
ClientSampleId :

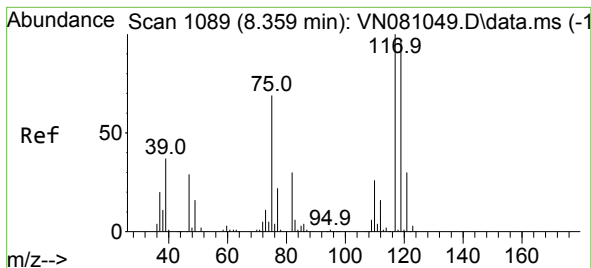
Tgt Ion:113 Resp: 164158
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 75 Resp: 28405
Ion Ratio Lower Upper
75 100
110 9.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.178 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

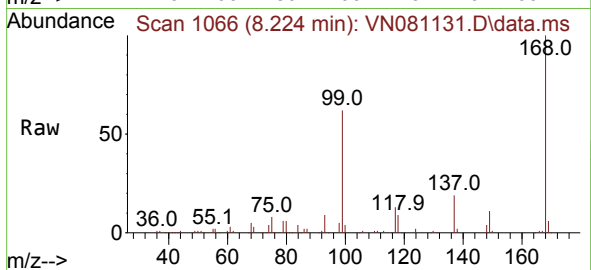
Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :



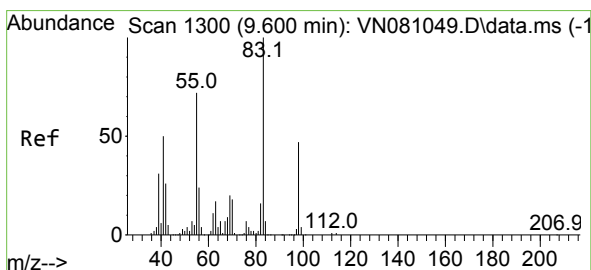
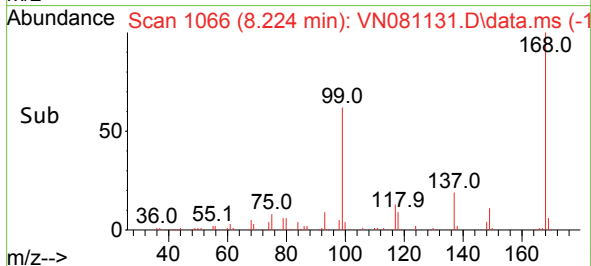
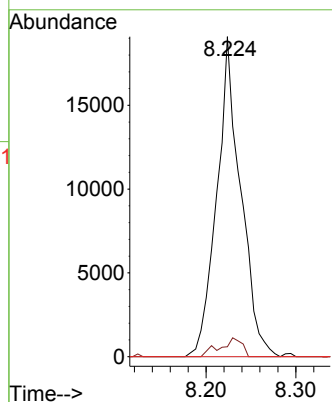
Tgt Ion:117 Resp: 35240

Ion Ratio Lower Upper

117 100

119 3.1 73.4 110.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.244 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

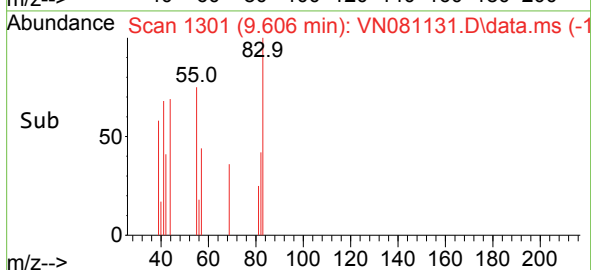
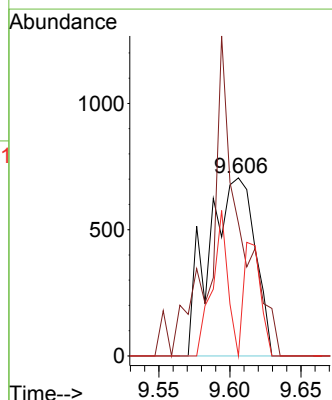
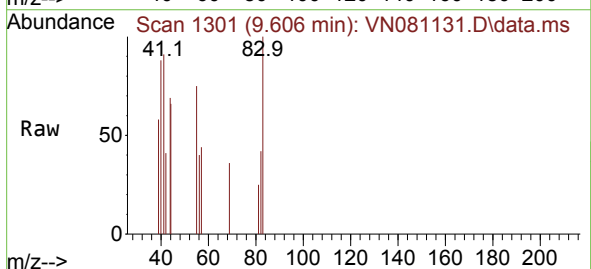
Tgt Ion: 83 Resp: 1601

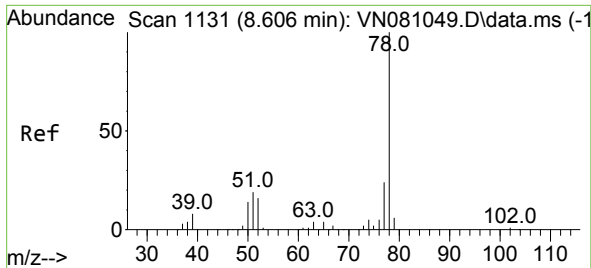
Ion Ratio Lower Upper

83 100

55 74.6 65.7 98.5

98 0.0 33.8 50.6#

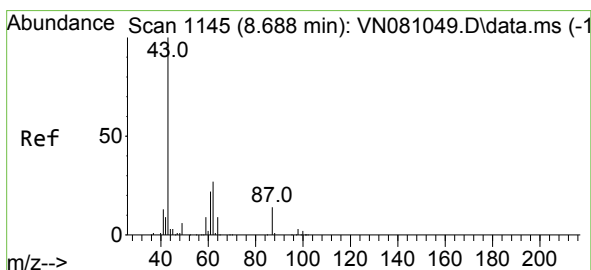
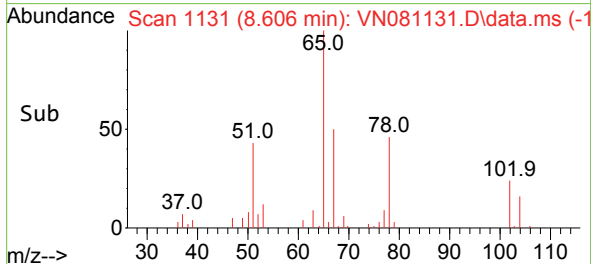
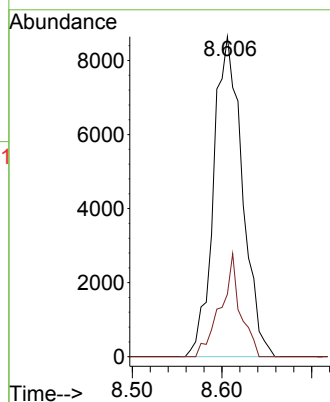
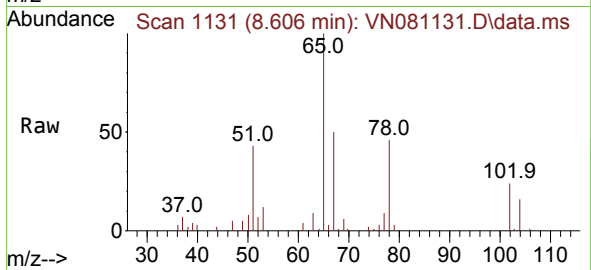




#40
Benzene
Concen: 1.178 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

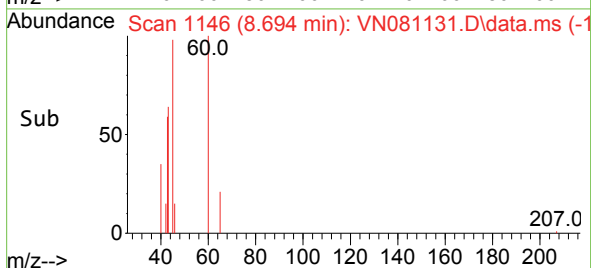
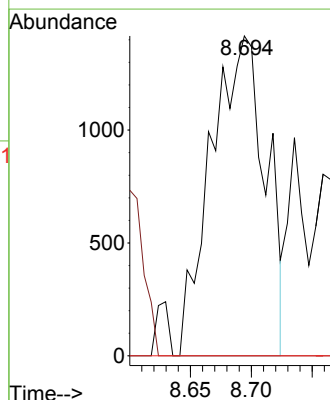
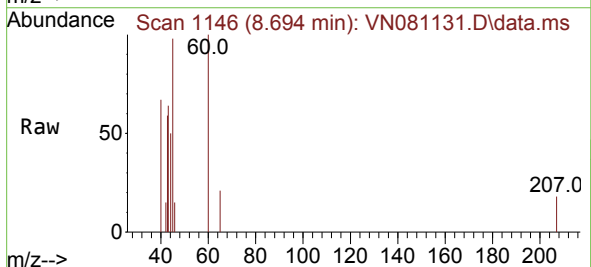
Instrument :
MSVOA_N
ClientSampleId :

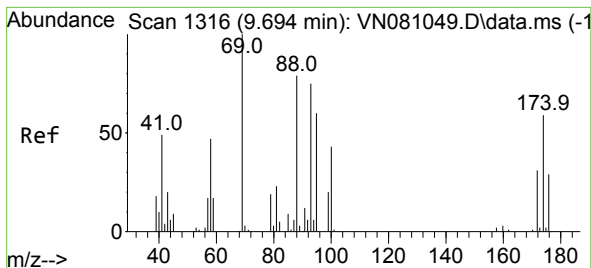
Tgt Ion: 78 Resp: 19221
Ion Ratio Lower Upper
78 100
77 19.5 20.4 30.6#



#43
Isopropyl Acetate
Concen: 0.497 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 43 Resp: 4427
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

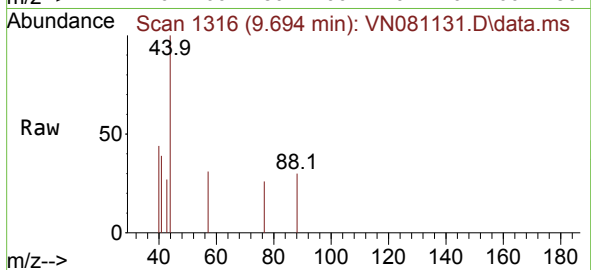
Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :



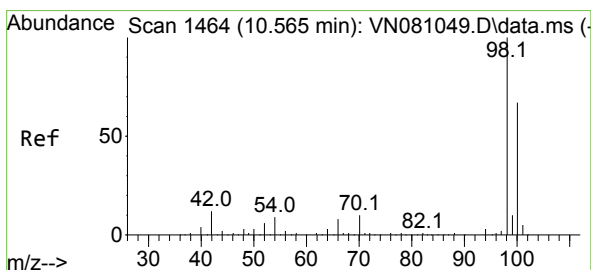
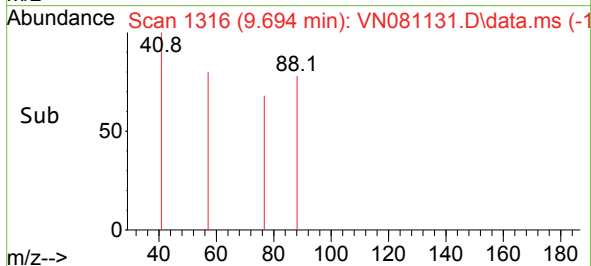
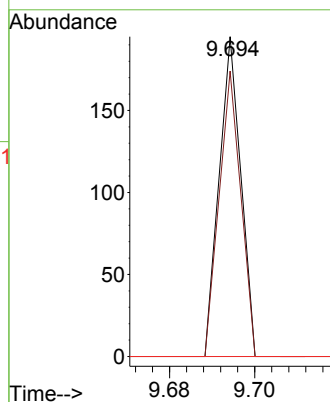
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

43 88.4 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 47.270 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081131.D

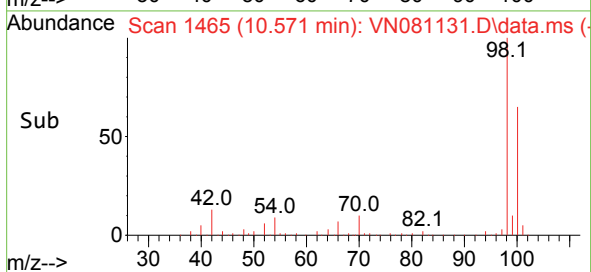
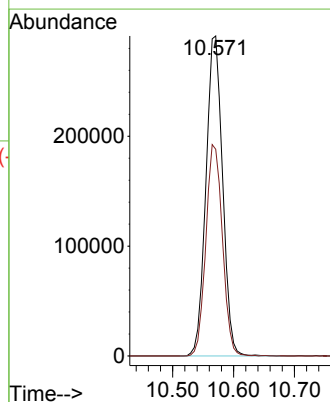
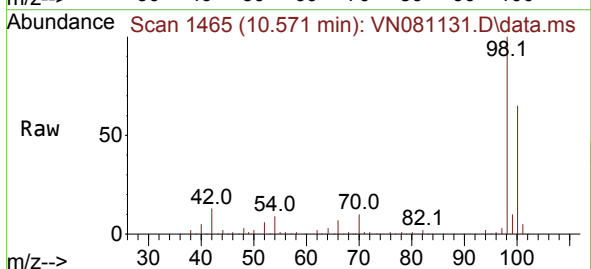
Acq: 22 Feb 2024 13:36

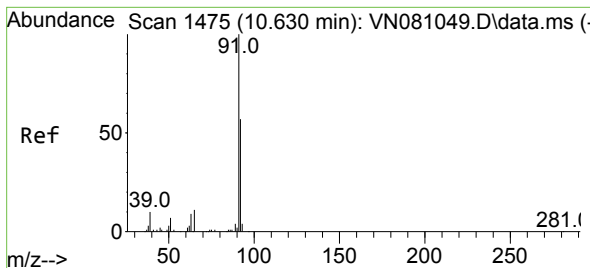
Tgt Ion: 98 Resp: 552541

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0





#52

Toluene

Concen: 47.010 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

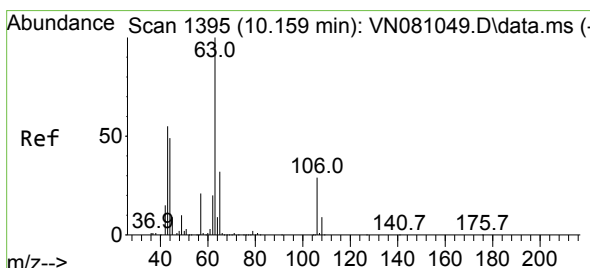
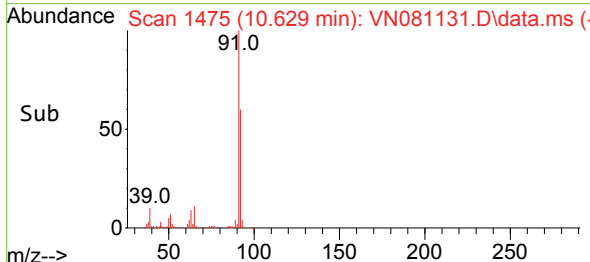
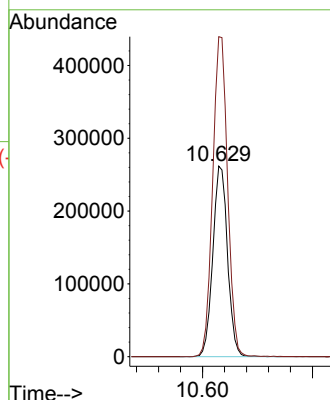
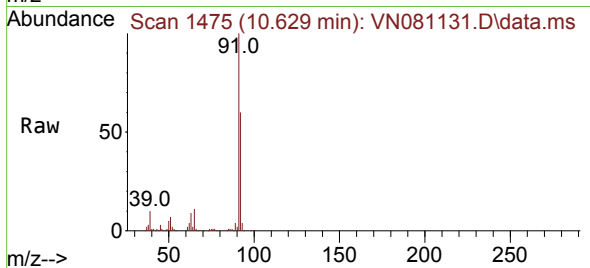
ClientSampleId :

Tgt Ion: 92 Resp: 485699

Ion Ratio Lower Upper

92 100

91 170.3 139.4 209.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.227 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN081131.D

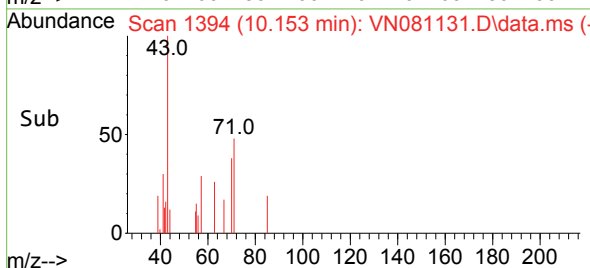
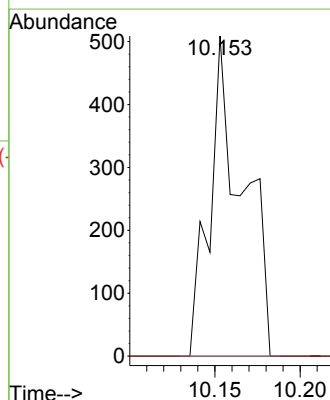
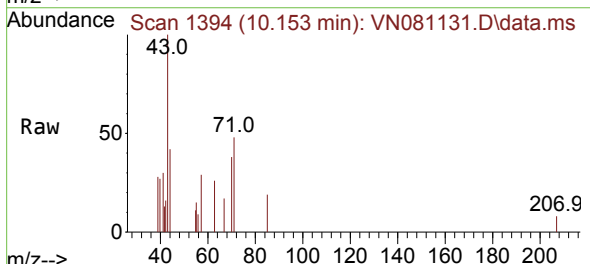
Acq: 22 Feb 2024 13:36

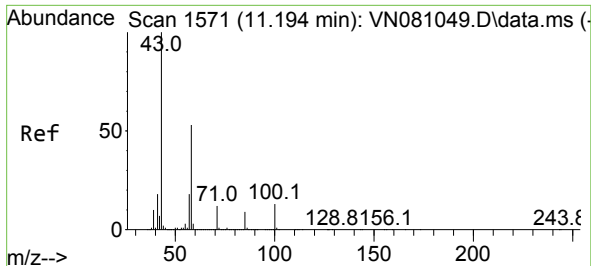
Tgt Ion: 63 Resp: 691

Ion Ratio Lower Upper

63 100

106 0.0 18.6 28.0#

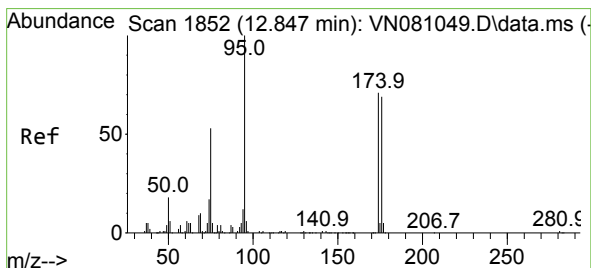
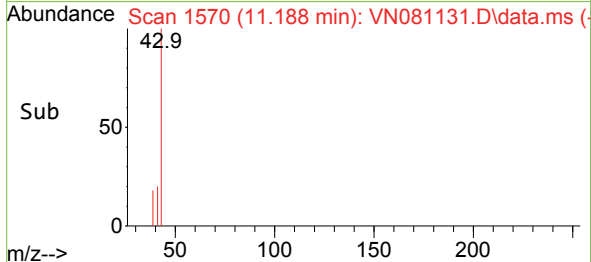
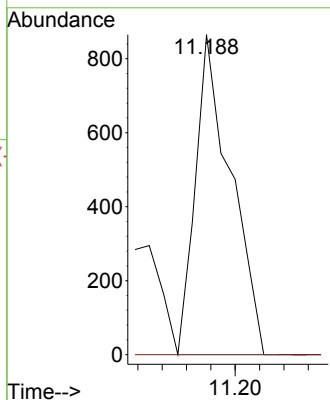
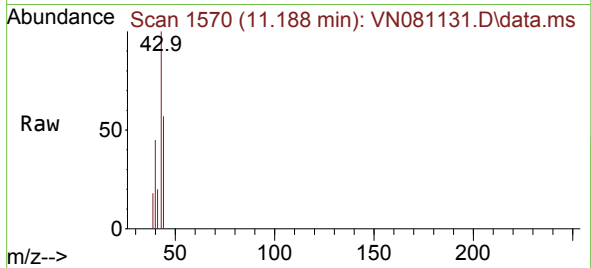




#59
2-Hexanone
Concen: 0.215 ug/l
RT: 11.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

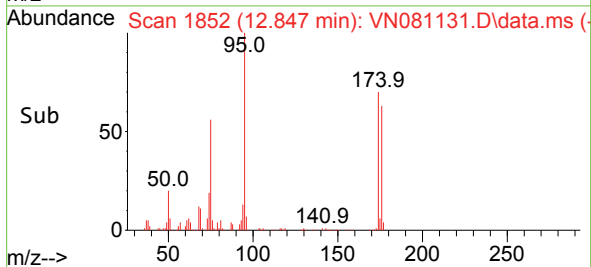
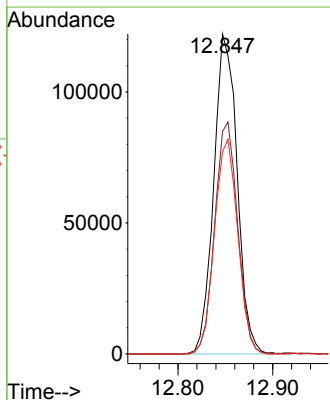
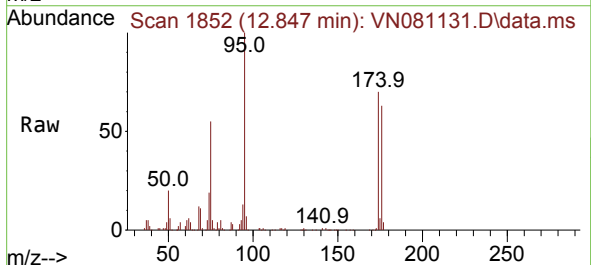
Instrument :
MSVOA_N
ClientSampleId :

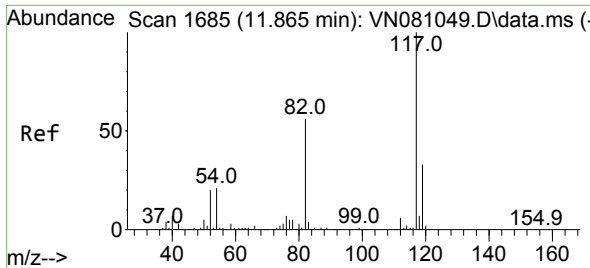
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 47.660 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

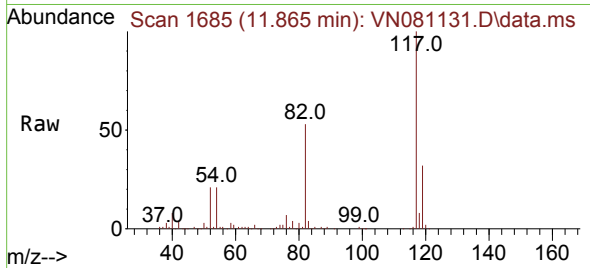
Tgt Ion: 95 Resp: 209331
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 67.1 0.0 121.0



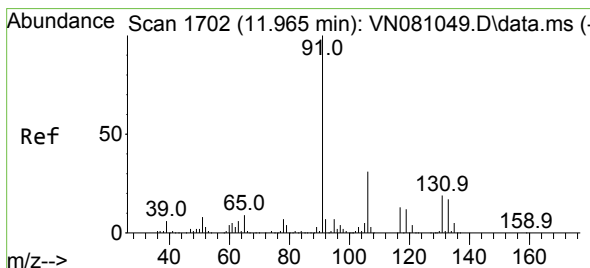
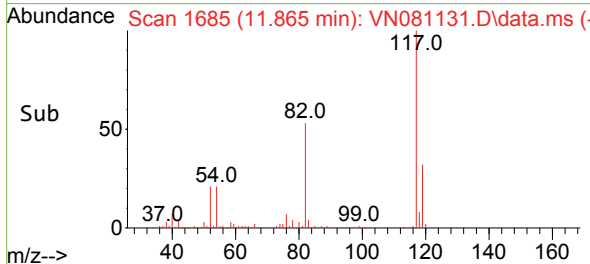
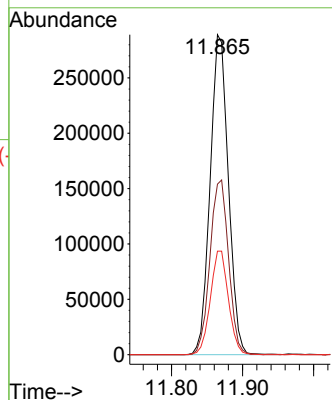


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

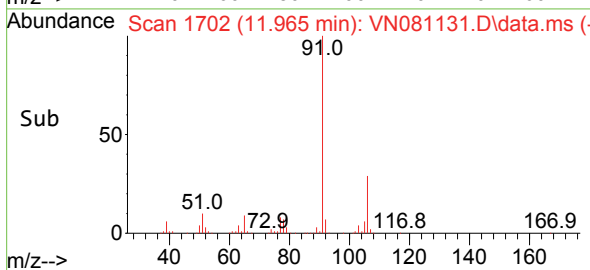
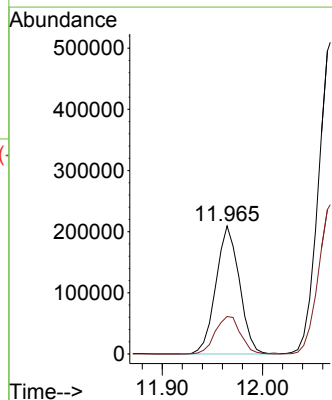
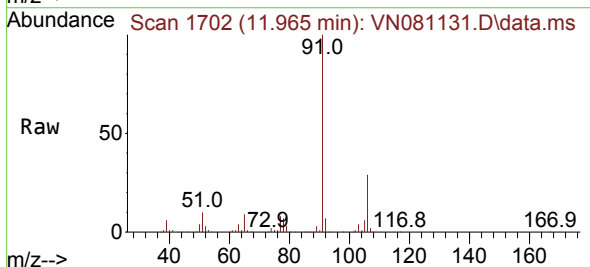


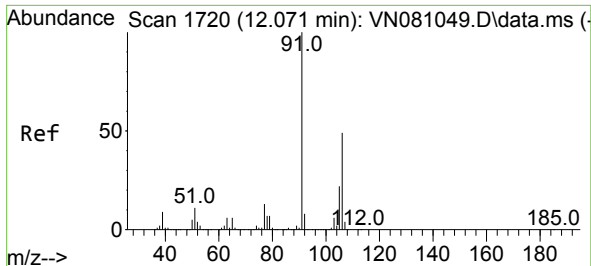
Tgt Ion:117 Resp: 514415
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 32.3 25.3 37.9



#67
Ethyl Benzene
Concen: 17.129 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 91 Resp: 341242
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6

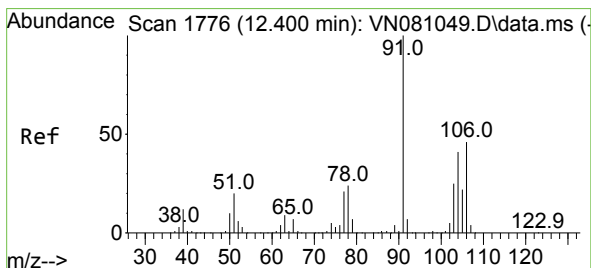
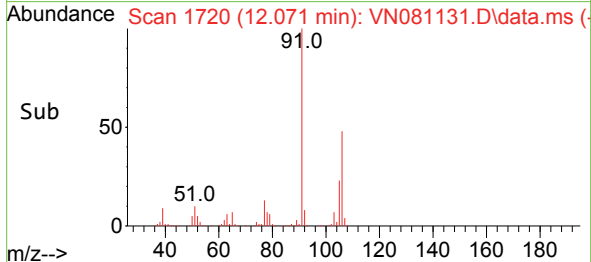
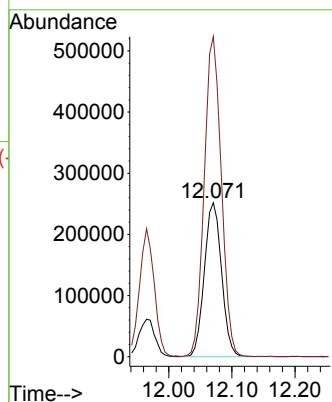
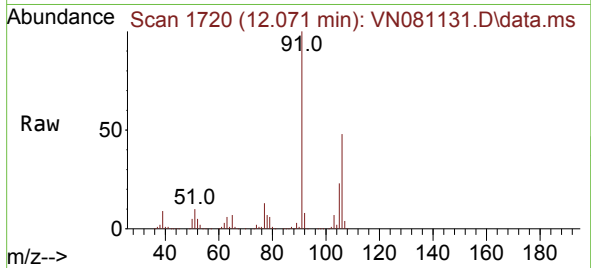




#68
m/p-Xylenes
Concen: 62.254 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

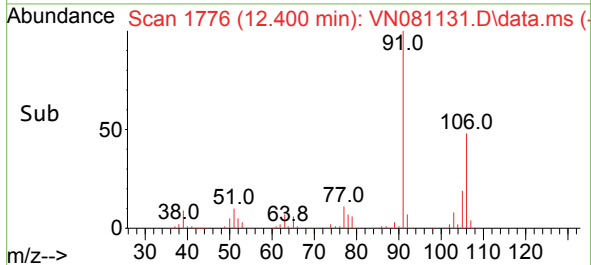
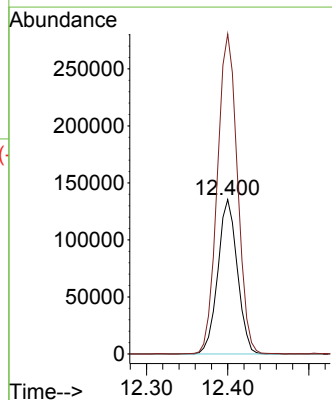
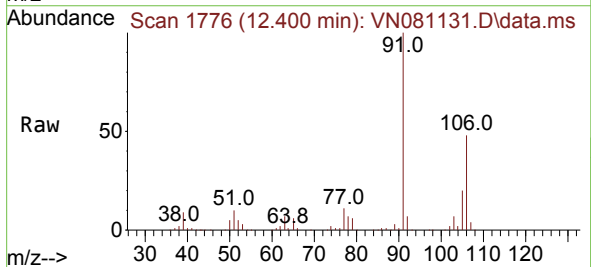
Instrument :
MSVOA_N
ClientSampleId :

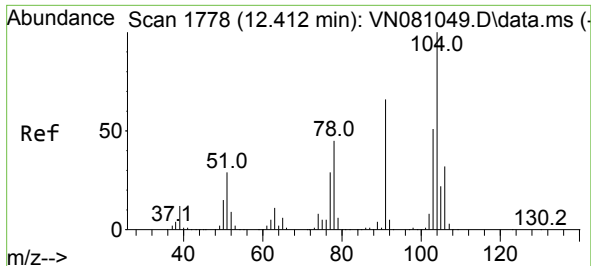
Tgt Ion:106 Resp: 475389
Ion Ratio Lower Upper
106 100
91 206.6 169.0 253.6



#69
o-Xylene
Concen: 29.867 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion:106 Resp: 226079
Ion Ratio Lower Upper
106 100
91 214.1 112.1 336.3

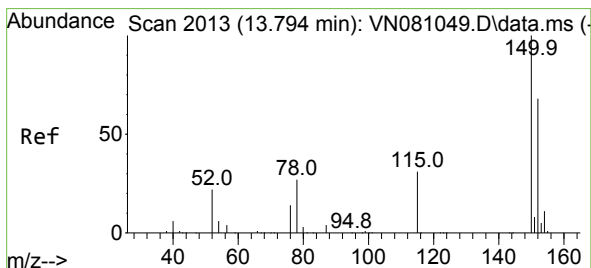
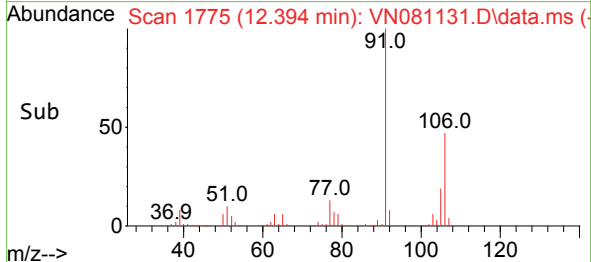
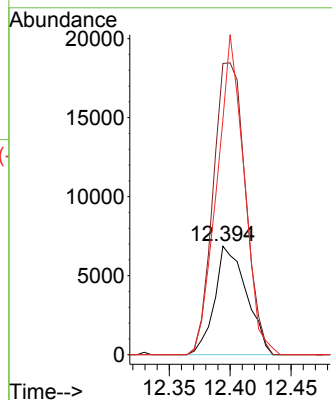
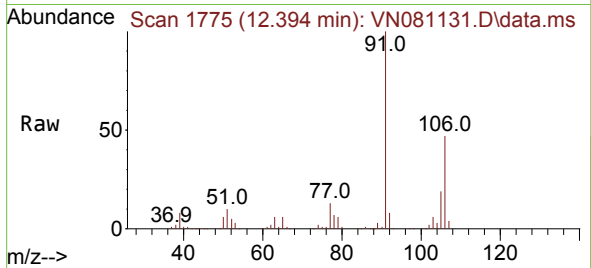




#70
Styrene
Concen: 1.043 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

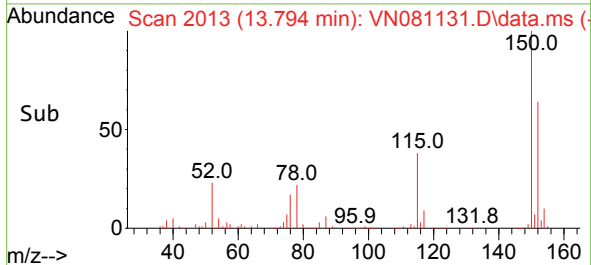
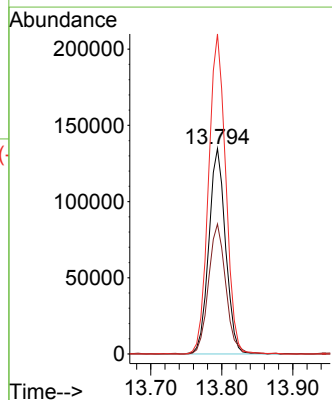
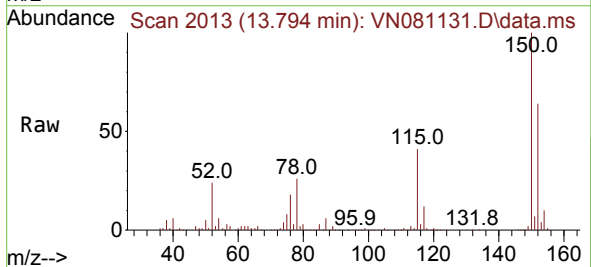
Instrument :
MSVOA_N
ClientSampleId :

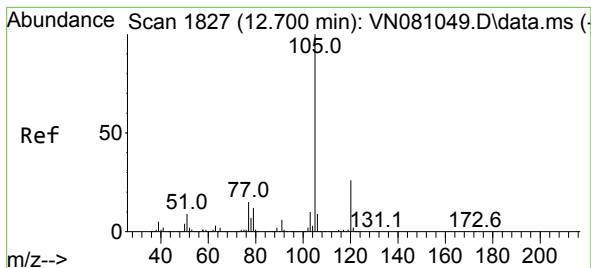
Tgt Ion:104 Resp: 12512
Ion Ratio Lower Upper
104 100
78 271.5 43.8 65.8#
103 253.2 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion:152 Resp: 220905
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 159.4 0.0 339.8





#73

Isopropylbenzene

Concen: 1.039 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

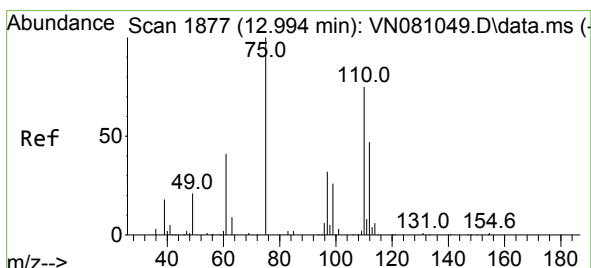
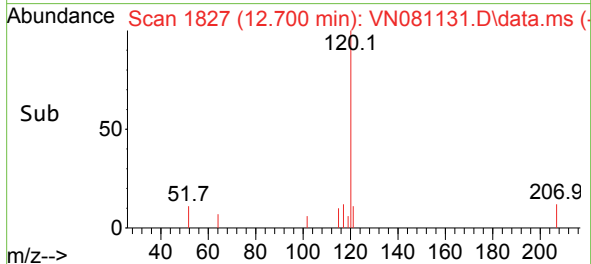
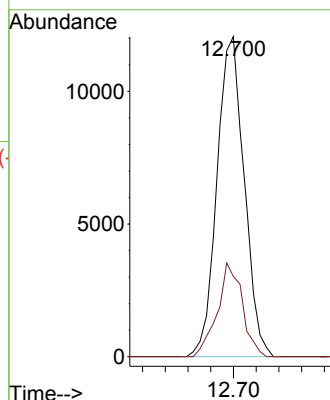
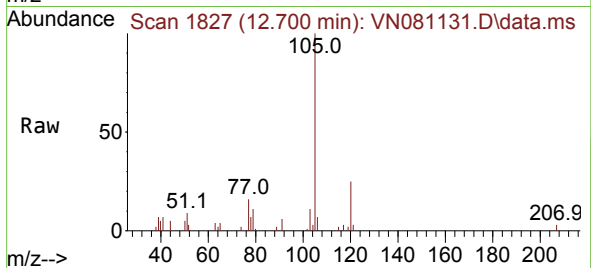
ClientSampleId :

Tgt Ion:105 Resp: 20079

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.6



#76

1,2,3-Trichloropropane

Concen: 22.529 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081131.D

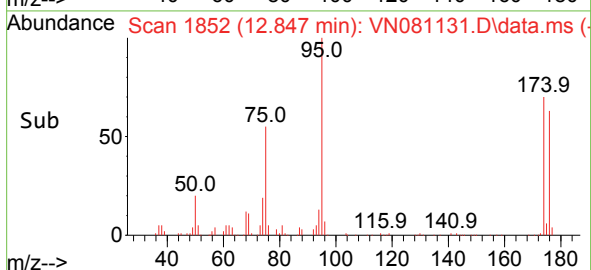
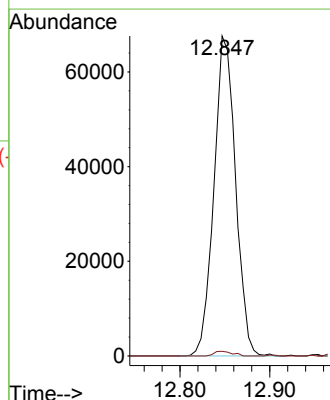
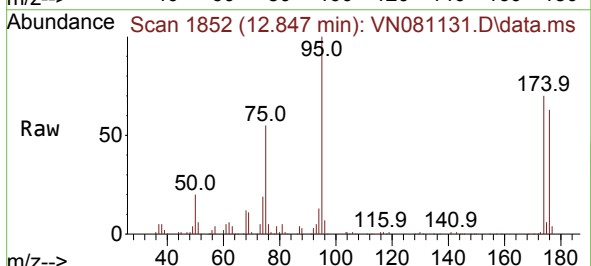
Acq: 22 Feb 2024 13:36

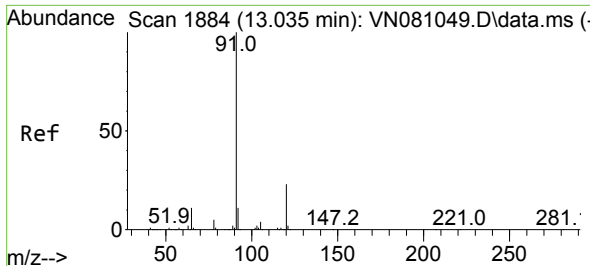
Tgt Ion: 75 Resp: 113078

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#

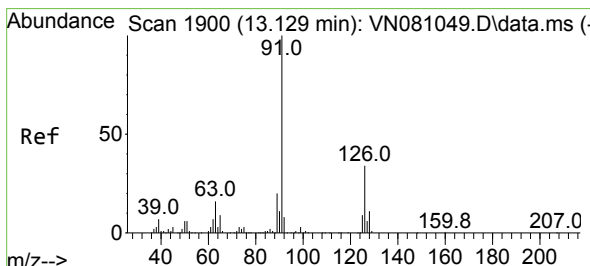
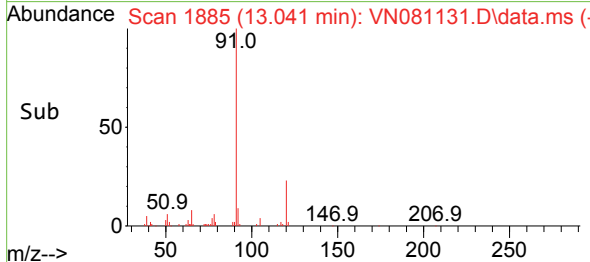
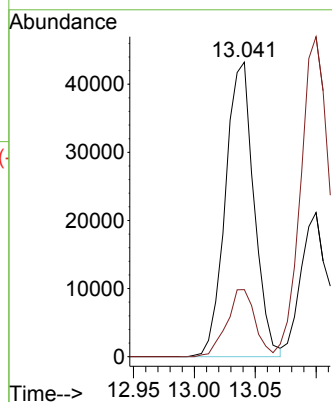
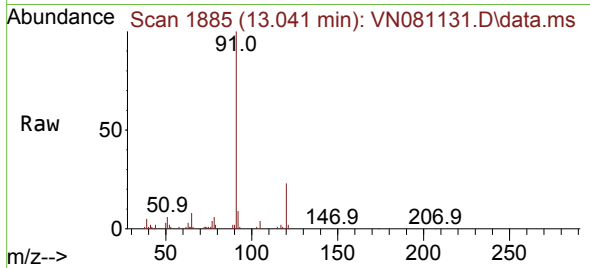




#78
n-propylbenzene
Concen: 3.175 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

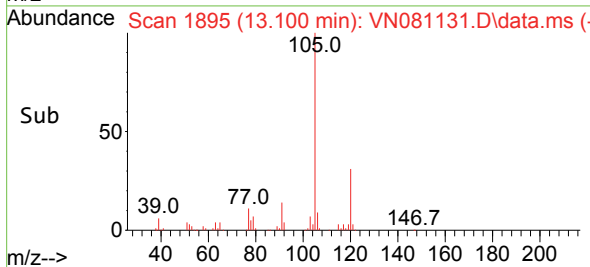
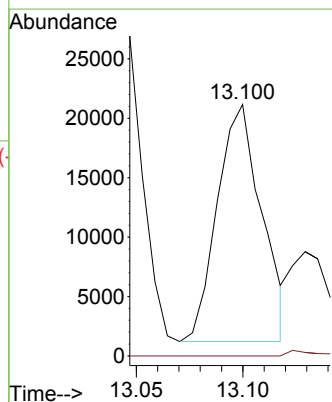
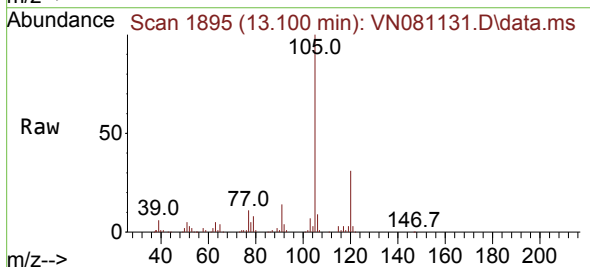
Instrument :
MSVOA_N
ClientSampleId :

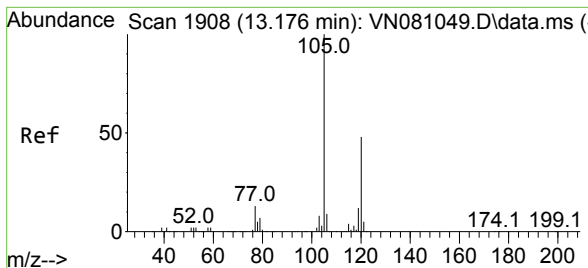
Tgt Ion: 91 Resp: 70652
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9



#79
2-Chlorotoluene
Concen: 2.116 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion: 91 Resp: 28876
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#





#80

1,3,5-Trimethylbenzene

Concen: 6.231 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min MSVOA_N

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

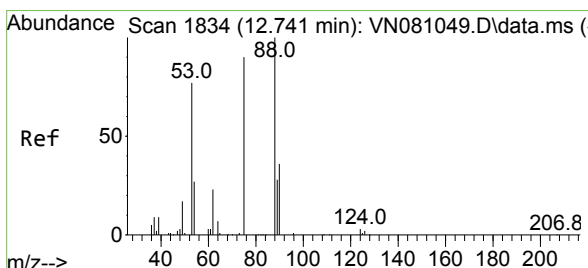
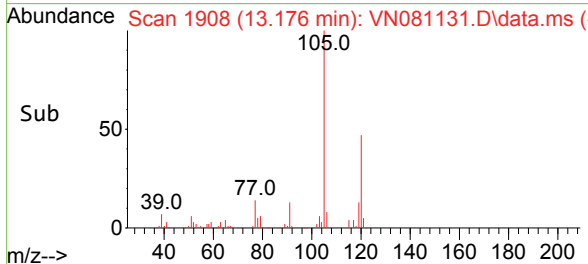
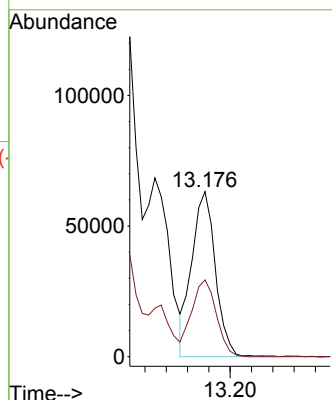
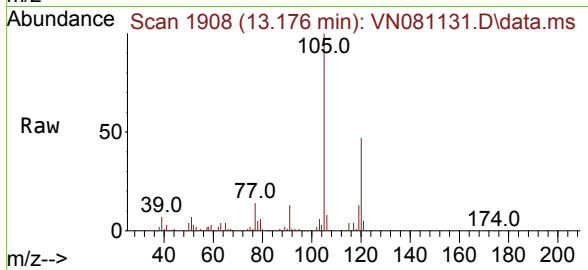
ClientSampleId :

Tgt Ion:105 Resp: 97642

Ion Ratio Lower Upper

105 100

120 48.5 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 57.989 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

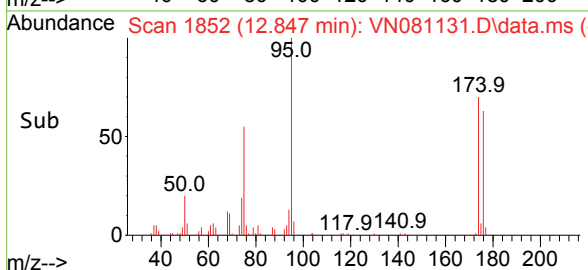
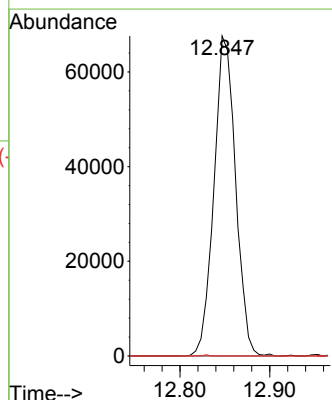
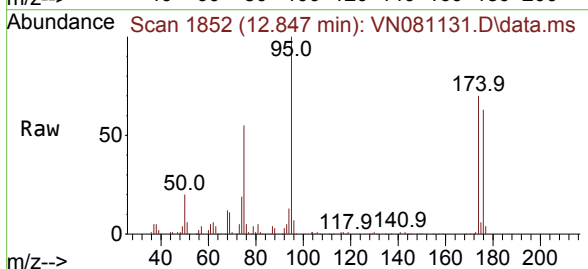
Tgt Ion: 75 Resp: 113078

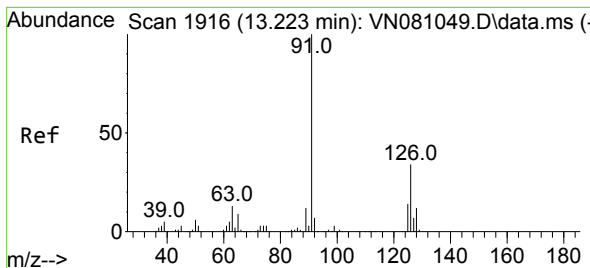
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.1 33.4 50.0#





#82

4-Chlorotoluene

Concen: 0.720 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

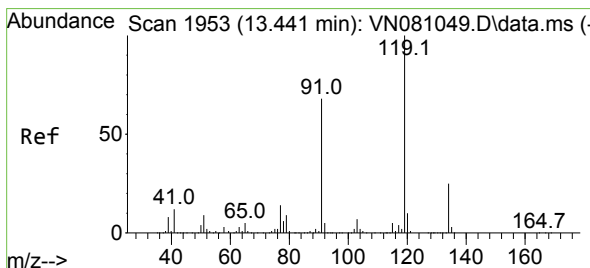
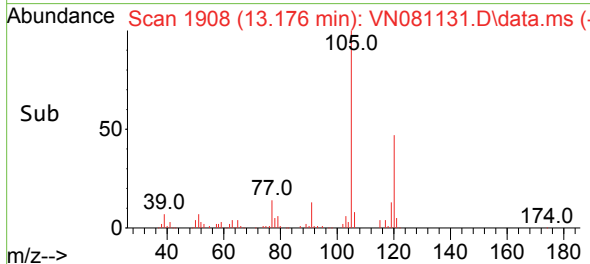
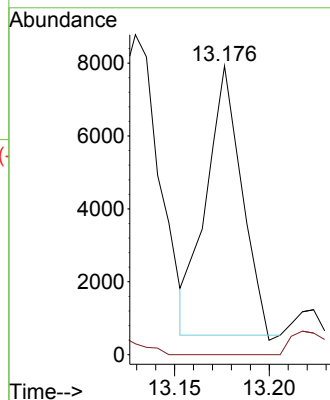
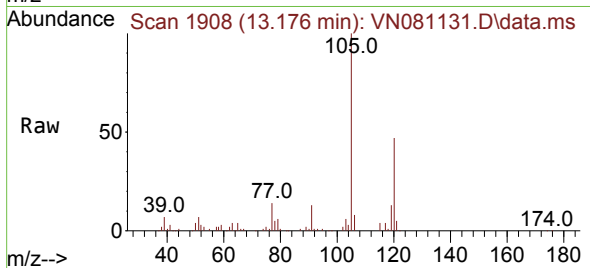
ClientSampleId :

Tgt Ion: 91 Resp: 9607

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#83

tert-Butylbenzene

Concen: 3.277 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

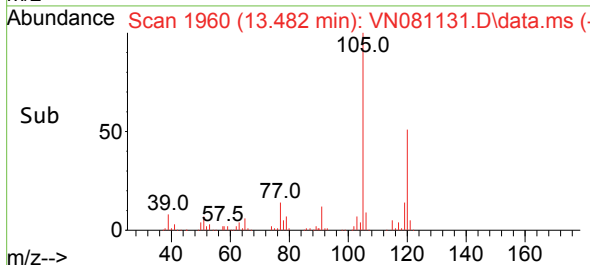
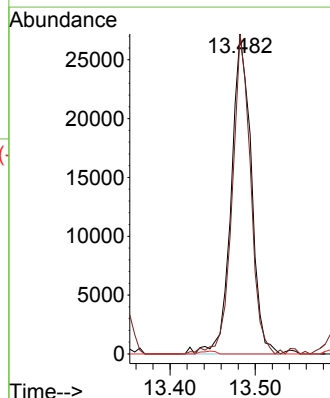
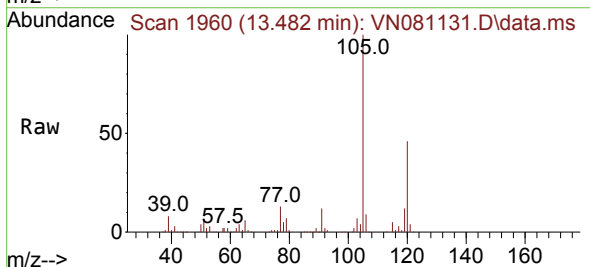
Tgt Ion: 119 Resp: 44404

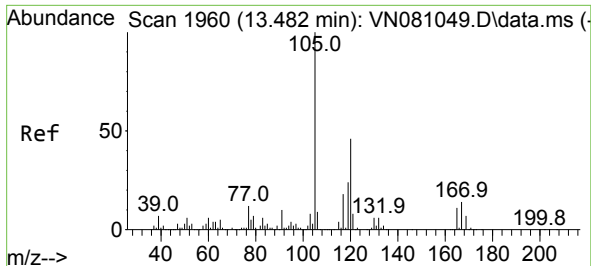
Ion Ratio Lower Upper

119 100

91 91.4 36.8 110.4

134 0.0 12.4 37.4#

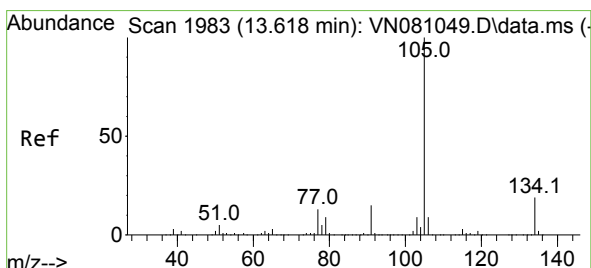
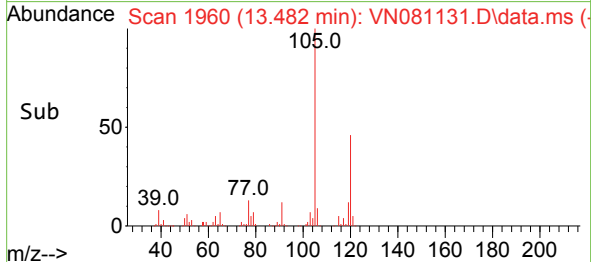
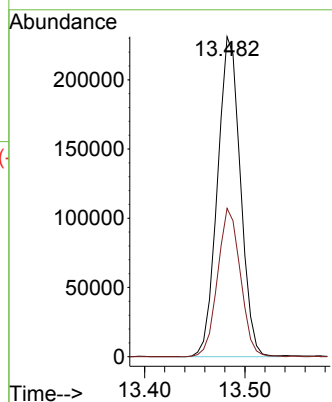
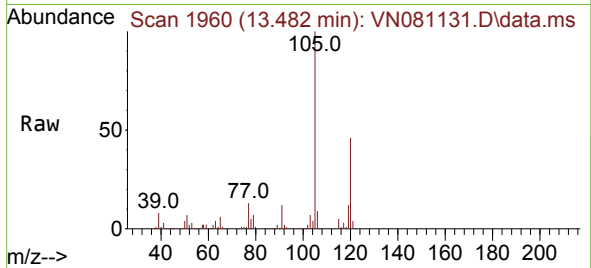




#84
1,2,4-Trimethylbenzene
Concen: 23.513 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

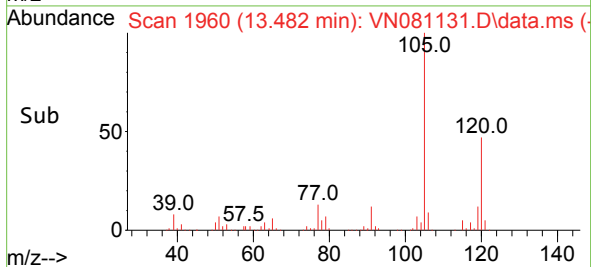
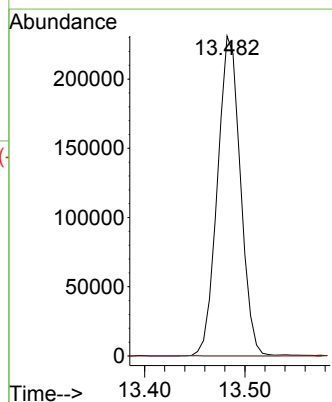
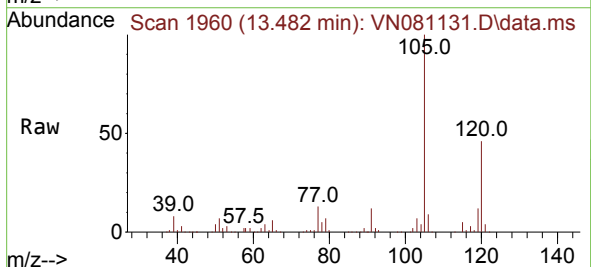
Instrument :
MSVOA_N
ClientSampleId :

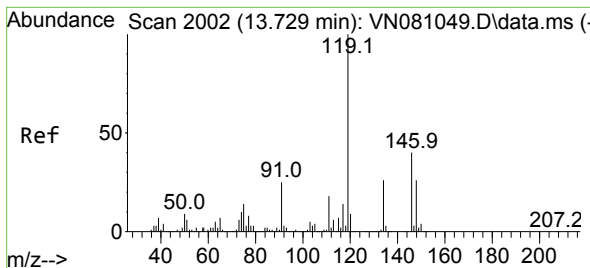
Tgt Ion:105 Resp: 367165
Ion Ratio Lower Upper
105 100
120 46.0 20.9 62.7



#85
sec-Butylbenzene
Concen: 19.491 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN081131.D
Acq: 22 Feb 2024 13:36

Tgt Ion:105 Resp: 367165
Ion Ratio Lower Upper
105 100
134 0.0 8.6 25.8#





#86

p-Isopropyltoluene

Concen: 0.241 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :

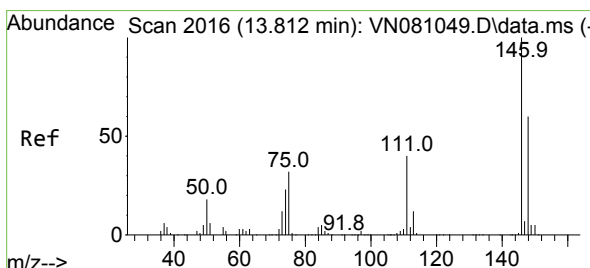
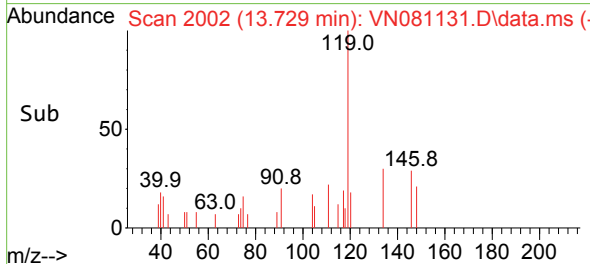
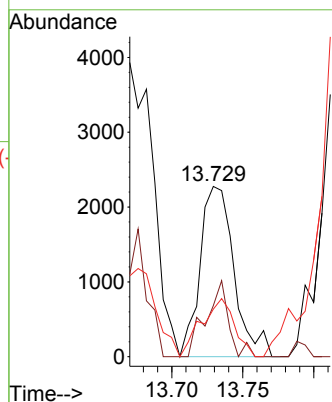
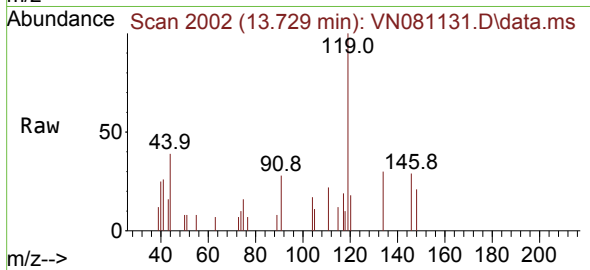
Tgt Ion:119 Resp: 3777

Ion Ratio Lower Upper

119 100

134 29.7 12.4 37.2

91 33.1 13.5 40.4



#88

1,4-Dichlorobenzene

Concen: 0.248 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

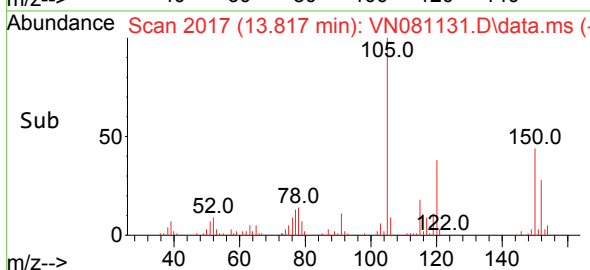
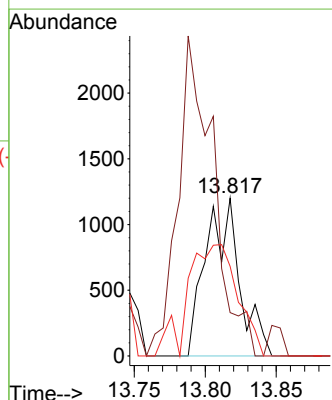
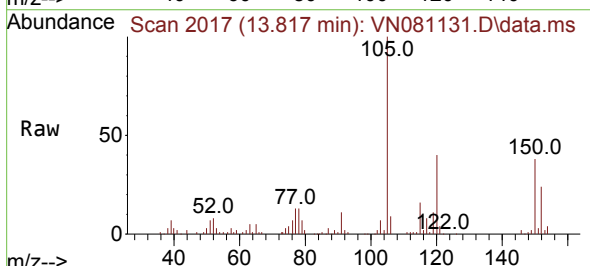
Tgt Ion:146 Resp: 1982

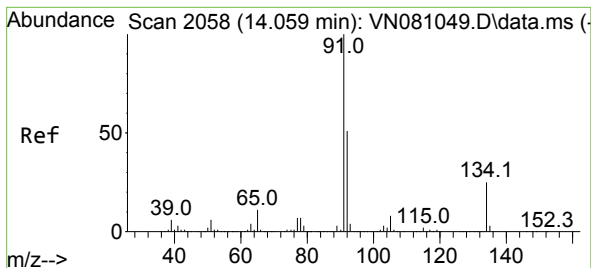
Ion Ratio Lower Upper

146 100

111 0.0 22.6 67.7#

148 104.8 31.9 95.5#





#89

n-Butylbenzene

Concen: 0.576 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

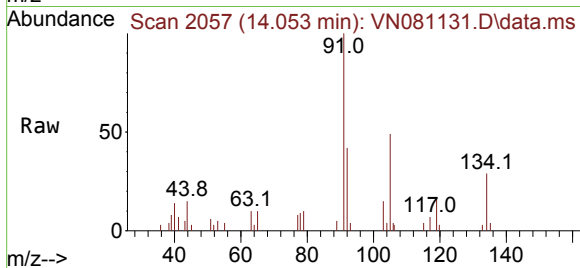
Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

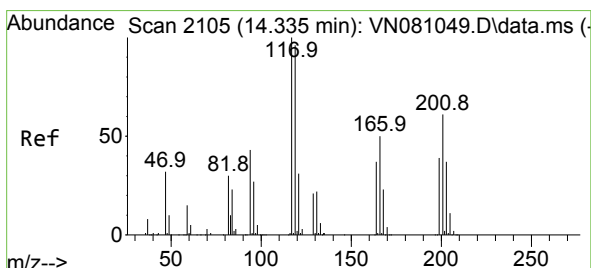
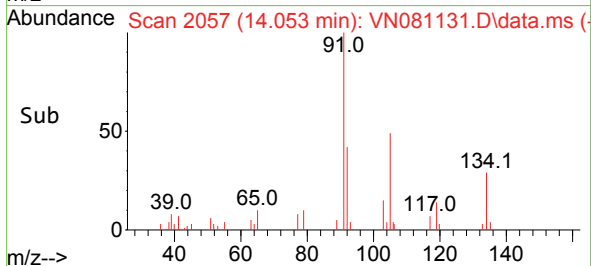
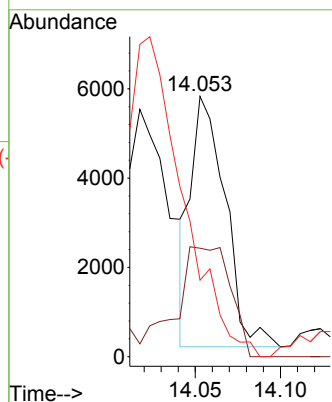
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	91	Resp:	7854
Ion	Ratio	Lower	Upper
91	100		
92	69.2	26.7	80.1
134	0.0	10.8	32.4



#90

Hexachloroethane

Concen: 1.665 ug/l

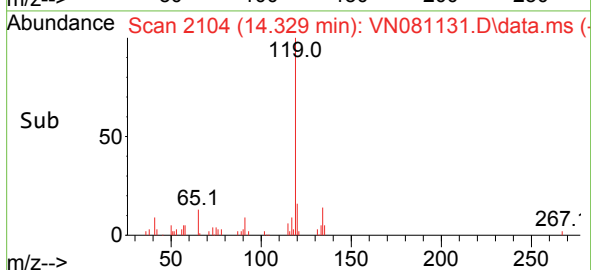
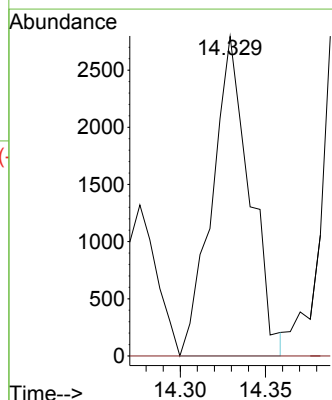
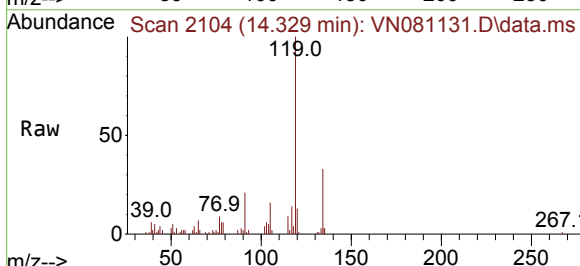
RT: 14.329 min Scan# 2104

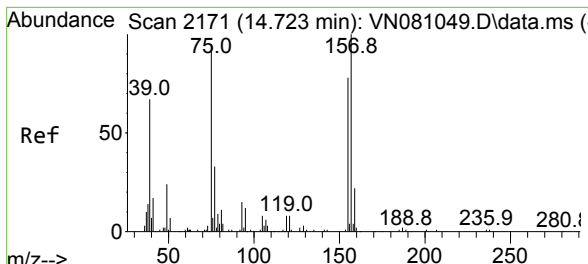
Delta R.T. -0.006 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Tgt Ion:	117	Resp:	4305
Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.0	90.0

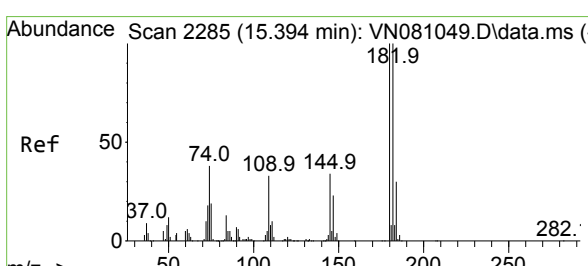
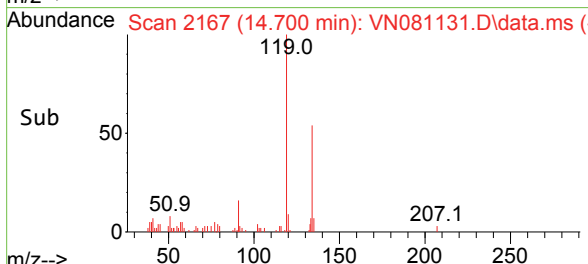
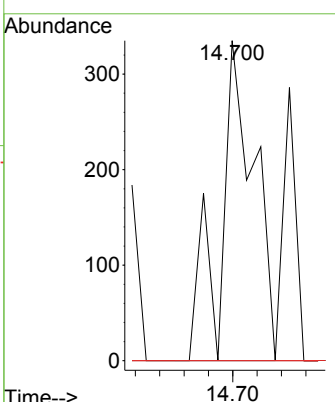
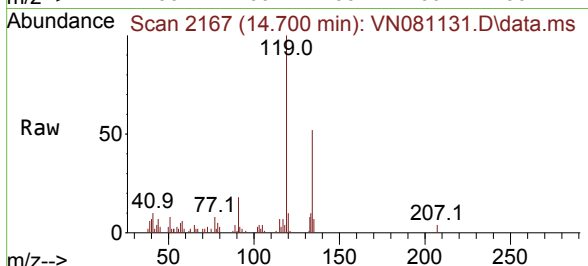




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.289 ug/l
 RT: 14.700 min Scan# 2171
 Delta R.T. -0.024 min
 Lab File: VN081131.D
 Acq: 22 Feb 2024 13:36

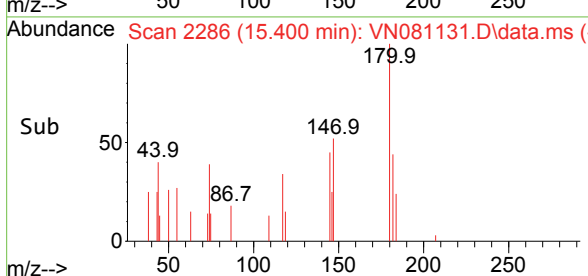
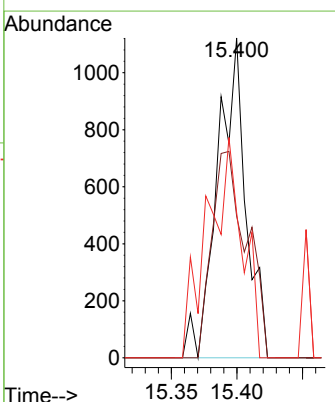
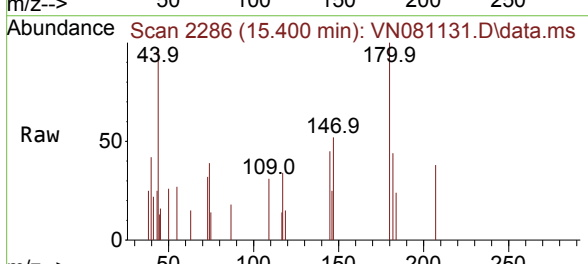
Instrument :
 MSVOA_N
 ClientSampleId :

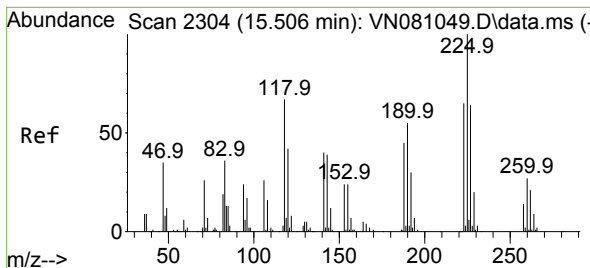
Tgt Ion:	75	Resp:	326
Ion Ratio	Lower	Upper	
75	100		
155	0.0	31.8	95.4#
157	0.0	41.1	123.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.386 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: VN081131.D
 Acq: 22 Feb 2024 13:36

Tgt Ion:	180	Resp:	1691
Ion Ratio	Lower	Upper	
180	100		
182	79.0	46.6	139.7
145	84.2	16.8	50.3#





#94

Hexachlorobutadiene

Concen: 0.270 ug/l

RT: 15.500 min Scan# 2304

Delta R.T. -0.006 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :

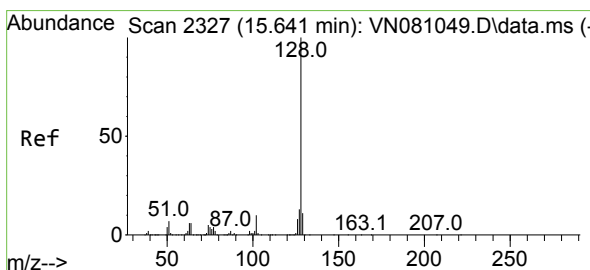
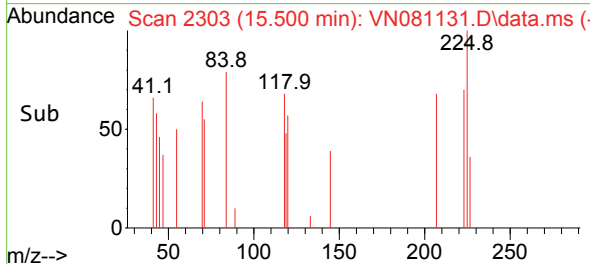
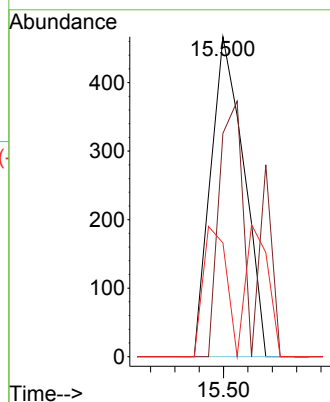
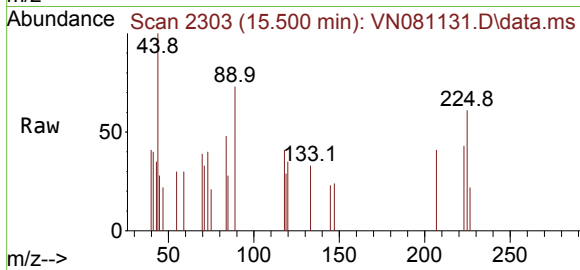
Tgt Ion:225 Resp: 441

Ion Ratio Lower Upper

225 100

223 0.0 33.3 99.8#

227 28.6 33.1 99.2#



#95

Naphthalene

Concen: 4.897 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081131.D

Acq: 22 Feb 2024 13:36

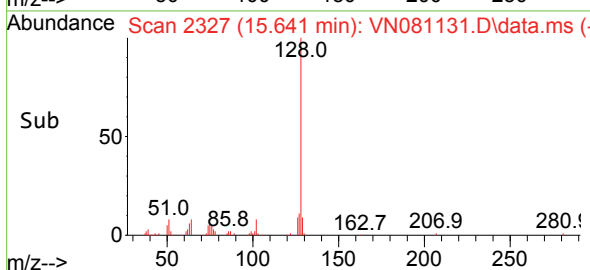
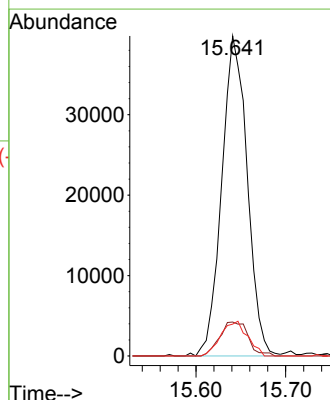
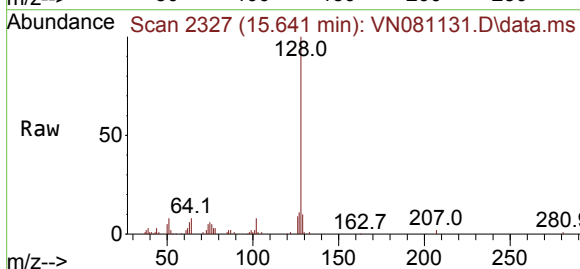
Tgt Ion:128 Resp: 78618

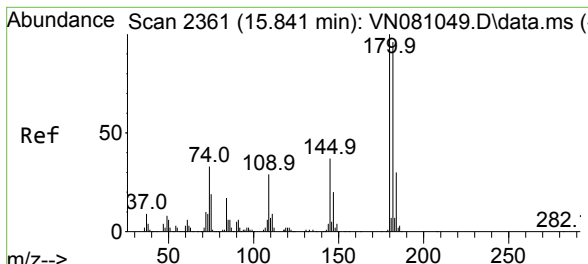
Ion Ratio Lower Upper

128 100

127 11.9 10.0 15.0

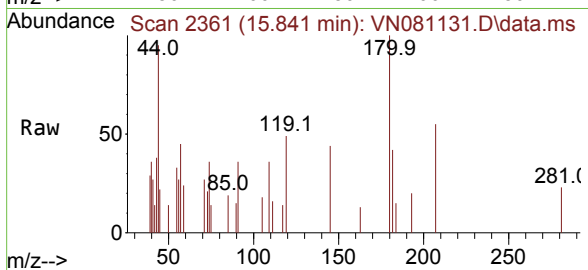
129 11.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.307 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081131.D
 Acq: 22 Feb 2024 13:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1335
Ion Ratio	Lower	Upper	
180	100		
182	103.0	46.5	139.3
145	47.5	17.8	53.4

