

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080156.D
 Acq On : 17 Nov 2023 12:30
 Operator : JC\MD
 Sample : 05253-04ME
 Misc : 5.79g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 02:26:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	292598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138222	53.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	8.165	113	109214	52.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.120%	
50) Toluene-d8	10.570	98	380794	50.835	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.853	95	149147	52.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.420%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	655	0.376	ug/l #	42
6) Chloroethane	3.136	64	698	Below Cal	#	43
10) Methyl Iodide	4.577	142	1920	1.012	ug/l #	79
11) Tert butyl alcohol	5.506	59	6225	22.064	ug/l #	72
13) Acrolein	4.177	56	100	0.401	ug/l	85
16) Acetone	4.453	43	1593	1.849	ug/l #	79
17) Carbon Disulfide	4.683	76	3166	0.646	ug/l #	75
18) Methyl Acetate	5.047	43	9051	3.269	ug/l #	54
20) Methylene Chloride	5.265	84	3059	1.695	ug/l #	78
31) Cyclohexane	8.224	56	3655	1.310	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	13002	4.322	ug/l #	49
38) Carbon Tetrachloride	8.229	117	18512	4.849	ug/l #	15
39) Methylcyclohexane	9.594	83	1250	0.431	ug/l #	70
40) Benzene	8.606	78	31105	3.638	ug/l #	83
43) Isopropyl Acetate	8.788	43	6264	1.543	ug/l #	49
51) 4-Methyl-2-Pentanone	10.453	43	741	0.352	ug/l #	31
52) Toluene	10.629	92	11547	2.158	ug/l	99
59) 2-Hexanone	11.206	43	956	0.566	ug/l	86
67) Ethyl Benzene	11.964	91	64723	5.486	ug/l	94
68) m/p-Xylenes	12.076	106	13312	3.095	ug/l	90
69) o-Xylene	12.394	106	6889	1.699	ug/l	99
70) Styrene	12.412	104	3698	0.613	ug/l #	73
71) Bromoform	12.853	173	441	0.231	ug/l #	1
73) Isopropylbenzene	12.700	105	5442	0.472	ug/l	98
74) N-amyl acetate	12.506	43	843	0.234	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	84532	23.246	ug/l #	1
78) n-propylbenzene	13.035	91	4045	0.314	ug/l	91
79) 2-Chlorotoluene	13.223	91	2148	0.256	ug/l	88
80) 1,3,5-Trimethylbenzene	13.176	105	9759	0.972	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	84532	78.539	ug/l #	15
82) 4-Chlorotoluene	13.223	91	2148	0.250	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	27168	2.748	ug/l	95
85) sec-Butylbenzene	13.623	105	2230	0.219	ug/l	90
86) p-Isopropyltoluene	13.735	119	4784	0.526	ug/l #	84
87) 1,3-Dichlorobenzene	13.741	146	1381	0.264	ug/l #	70
88) 1,4-Dichlorobenzene	13.811	146	2073	0.394	ug/l #	1

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

89) n-Butylbenzene	14.064	91	4843	0.636	ug/l #	82
90) Hexachloroethane	14.335	117	2836	1.599	ug/l #	24
91) 1,2-Dichlorobenzene	14.106	146	1653	0.330	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.735	75	464	0.579	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.394	180	3154	1.082	ug/l #	83
94) Hexachlorobutadiene	15.505	225	1837	1.095	ug/l #	55
95) Naphthalene	15.647	128	2656379	314.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	4033	1.476	ug/l	92

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

Instrument :

MSVOA_N

ClientSampleId :

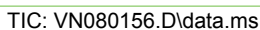
Quant Time: Nov 18 02:26:32 2023

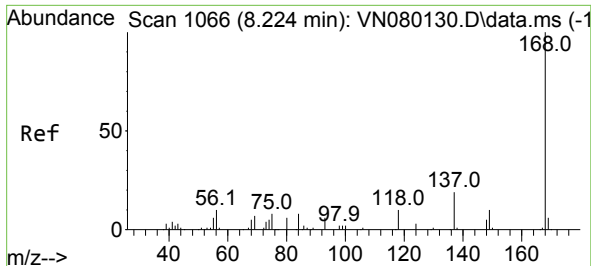
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M

Quant Title : SW846 8260

QLast Update : Fri Nov 17 01:19:32 2023

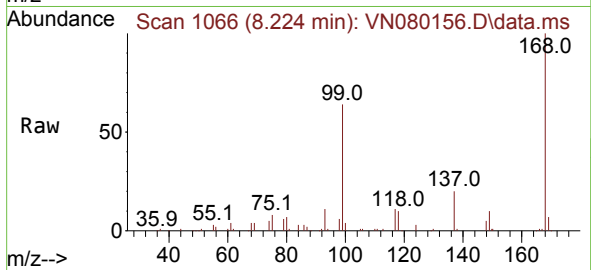
Response via : Initial Calibration



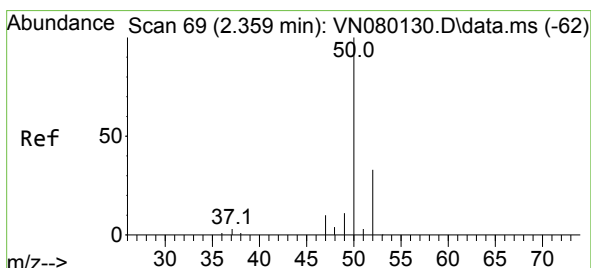
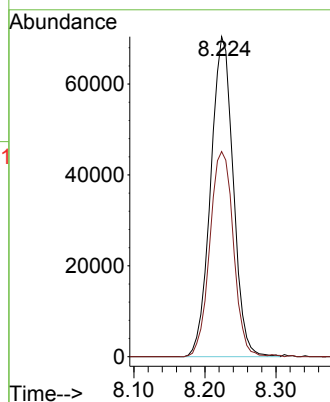
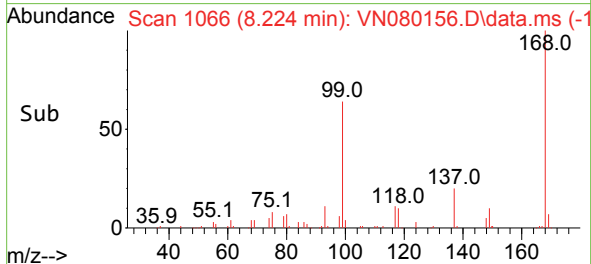


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080156.D
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Instrument :
MSVOA_N
ClientSampleId :

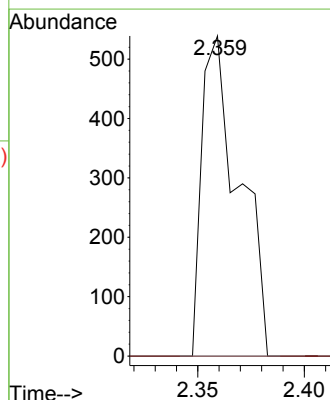
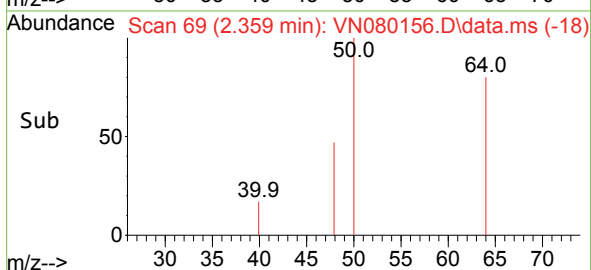
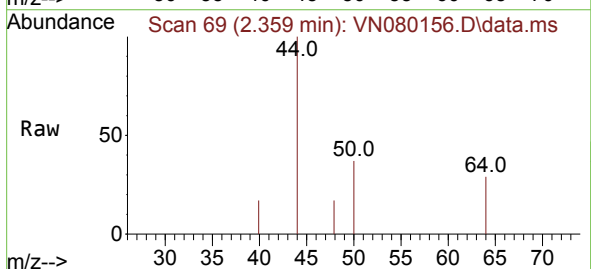


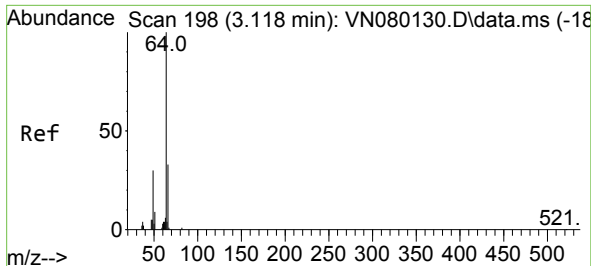
Tgt Ion:168 Resp: 155379
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#3
Chloromethane
Concen: 0.376 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 50 Resp: 655
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

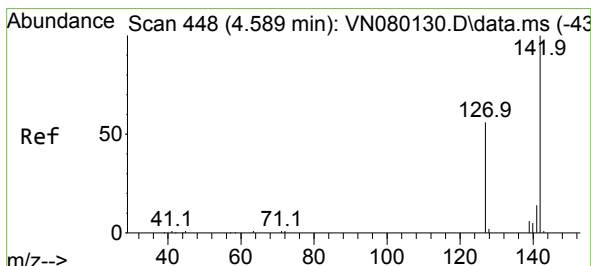
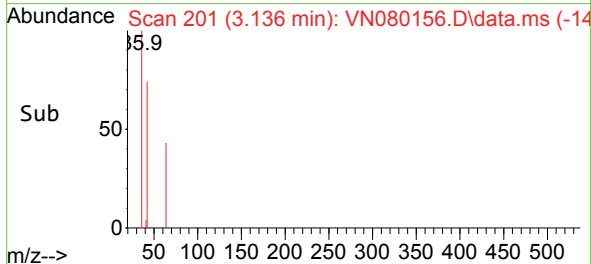
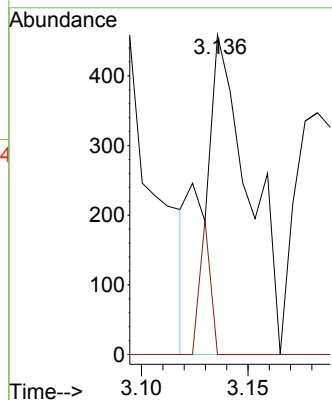
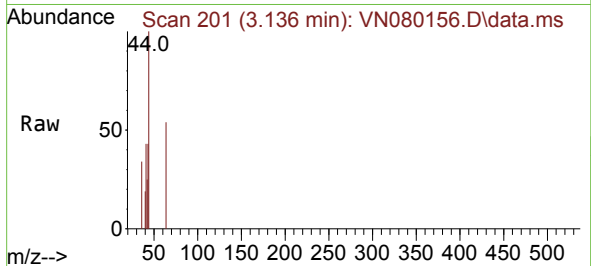




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

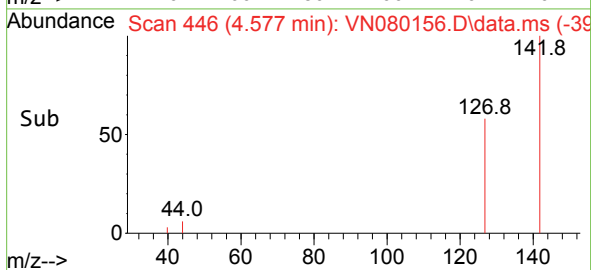
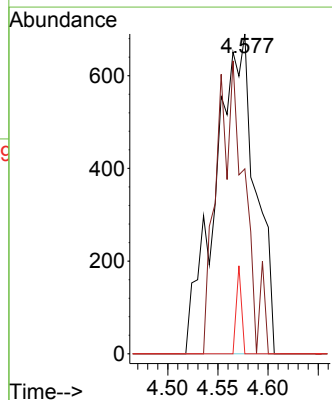
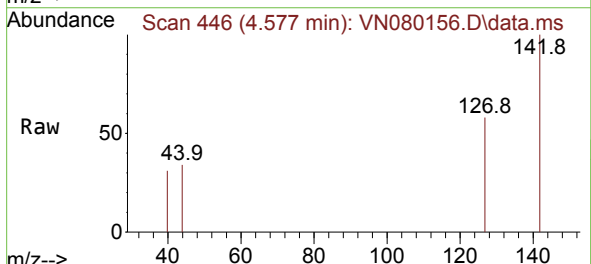
Instrument :
MSVOA_N
ClientSampleId :

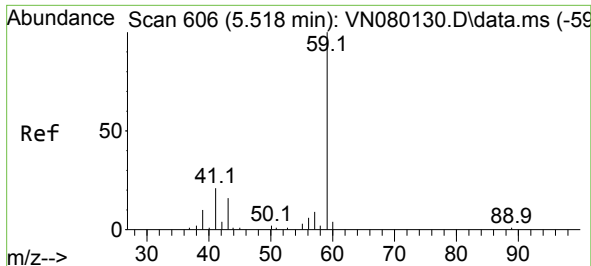
Tgt Ion: 64 Resp: 698
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 1.012 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 142 Resp: 1920
Ion Ratio Lower Upper
142 100
127 57.8 37.6 56.4#
141 0.0 11.4 17.0#

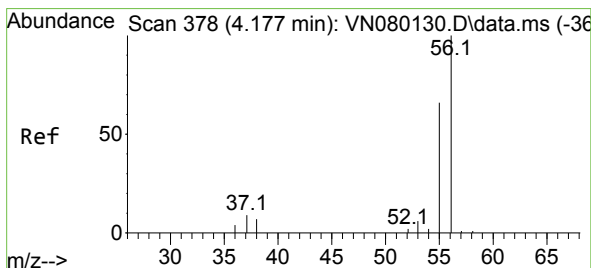
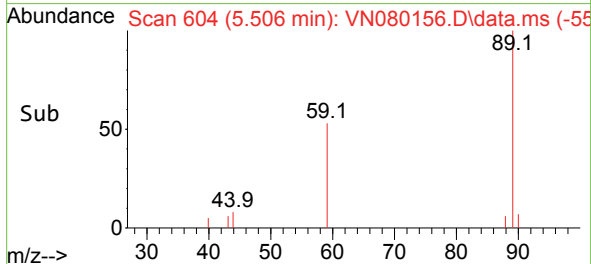
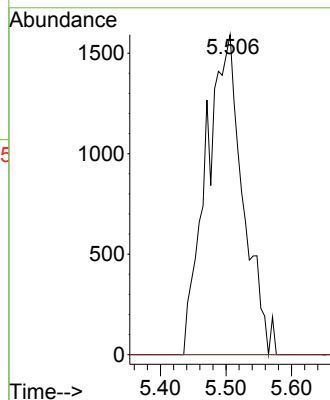
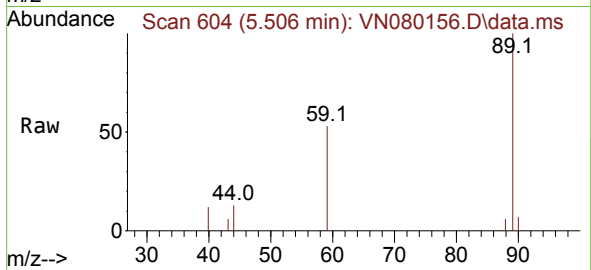




#11
Tert butyl alcohol
Concen: 22.064 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

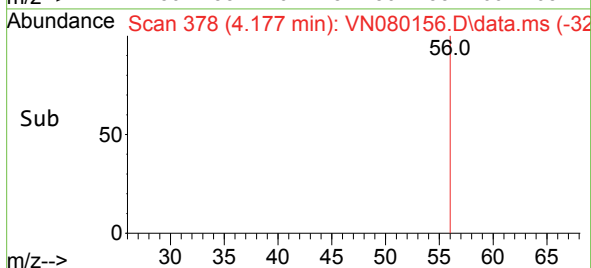
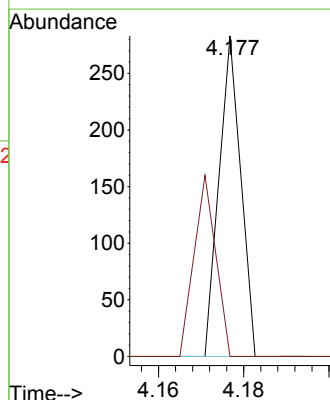
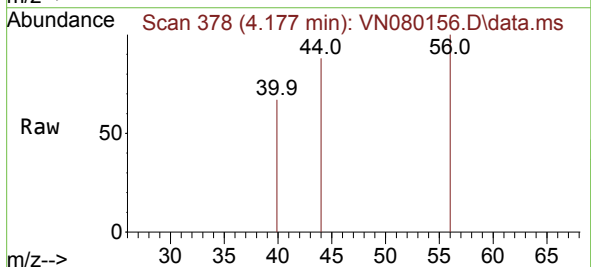
Instrument :
MSVOA_N
ClientSampleId :

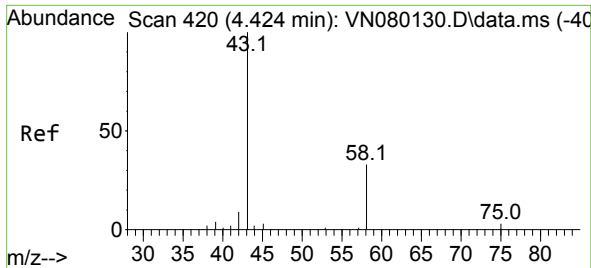
Tgt Ion: 59 Resp: 6225
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.401 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
55 56.0 54.5 81.7





#16

Acetone

Concen: 1.849 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.029 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

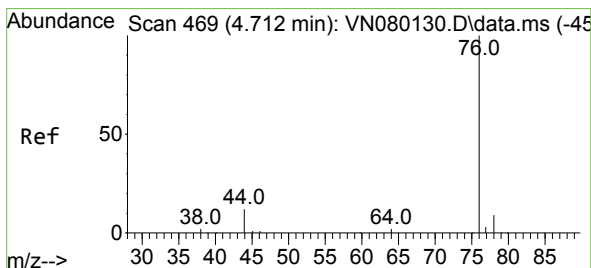
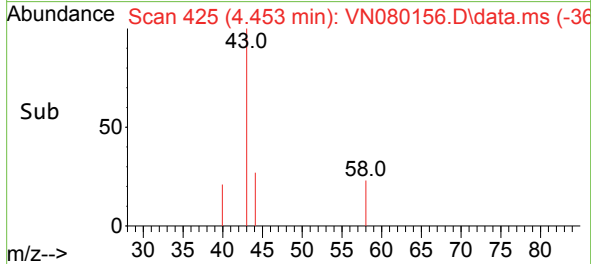
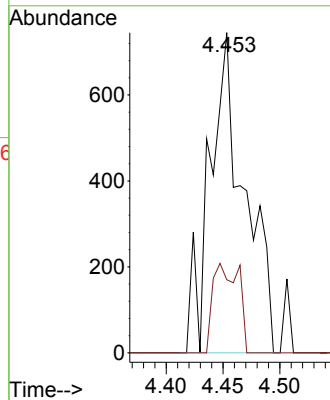
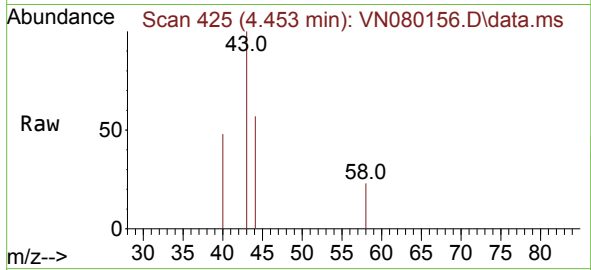
ClientSampleId :

Tgt Ion: 43 Resp: 1593

Ion Ratio Lower Upper

43 100

58 22.8 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.646 ug/l

RT: 4.683 min Scan# 464

Delta R.T. -0.030 min

Lab File: VN080156.D

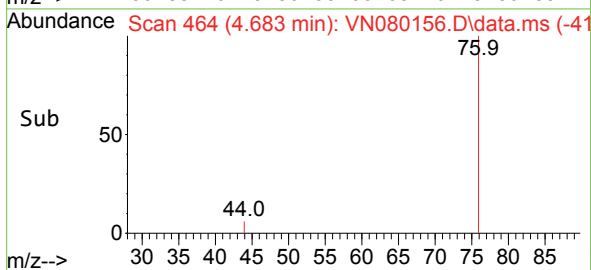
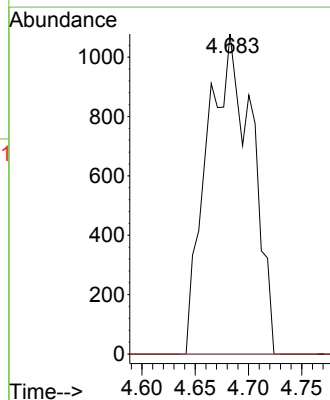
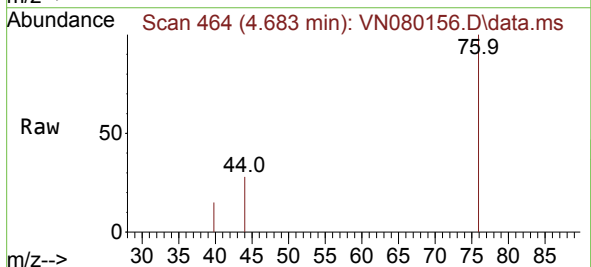
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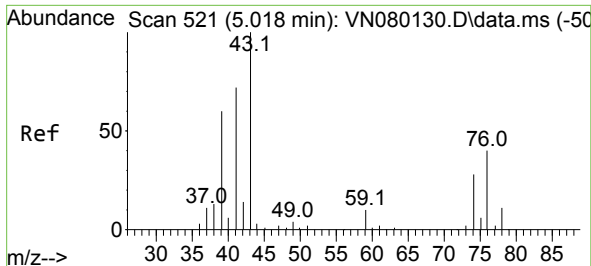
Tgt Ion: 76 Resp: 3166

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

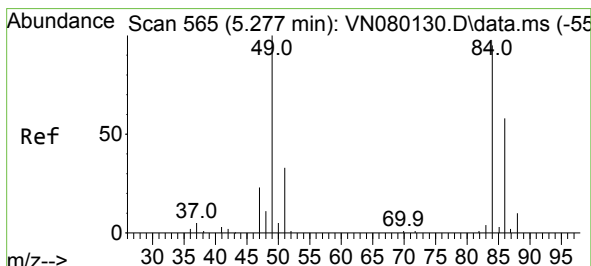
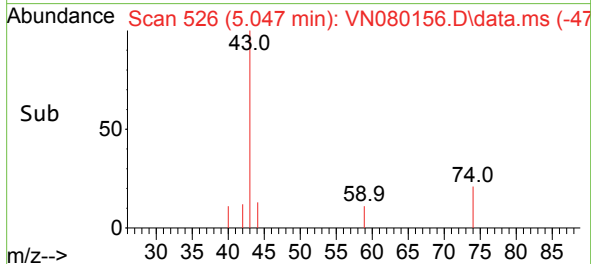
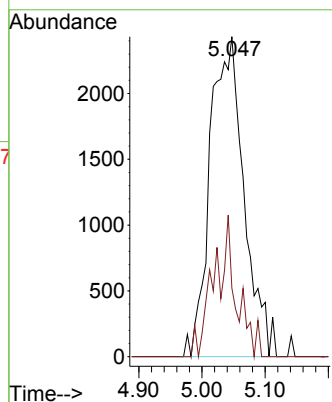
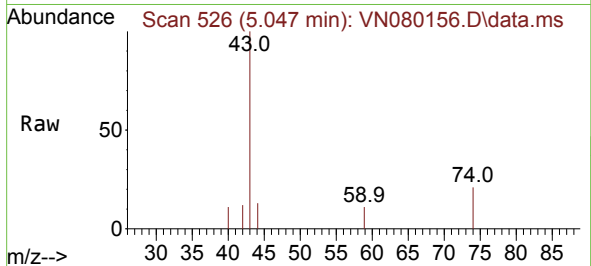




#18
Methyl Acetate
Concen: 3.269 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

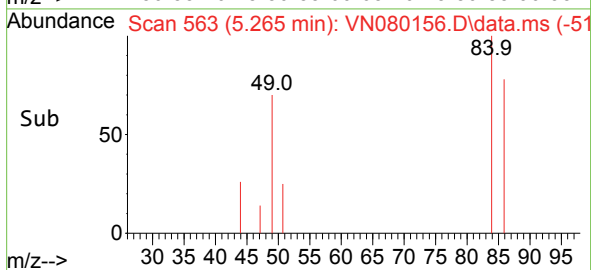
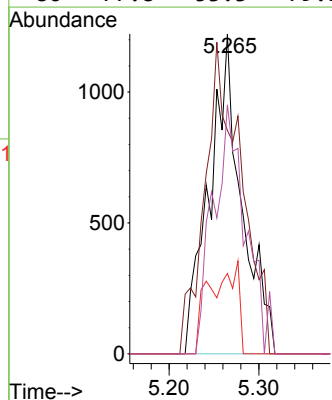
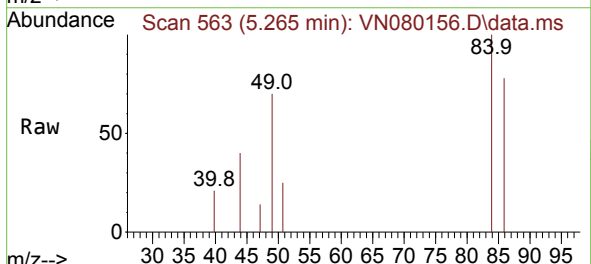
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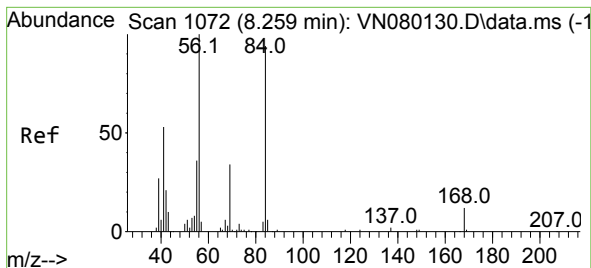
Tgt Ion: 43 Resp: 9051
Ion Ratio Lower Upper
43 100
74 7.0 26.2 39.4#



#20
Methylene Chloride
Concen: 1.695 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 84 Resp: 3059
Ion Ratio Lower Upper
84 100
49 69.9 79.7 119.5#
51 25.1 25.2 37.8#
86 77.8 53.3 79.9





#31

Cyclohexane

Concen: 1.310 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.036 min

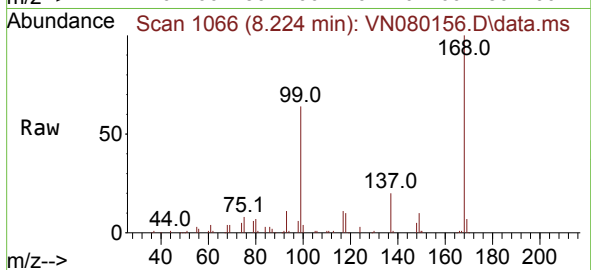
Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :



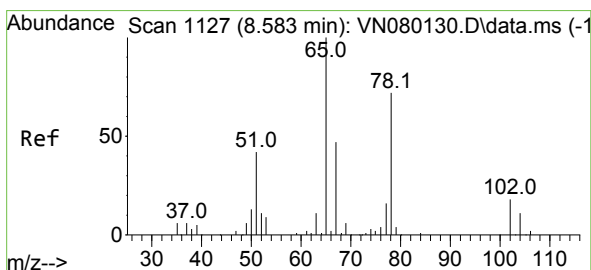
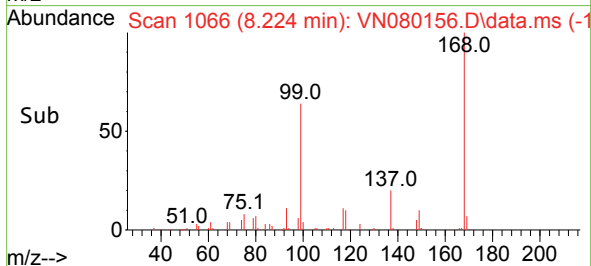
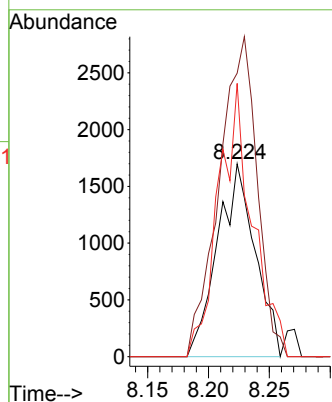
Tgt Ion: 56 Resp: 3655

Ion Ratio Lower Upper

56 100

69 147.0 26.8 40.2#

84 141.7 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 53.876 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080156.D

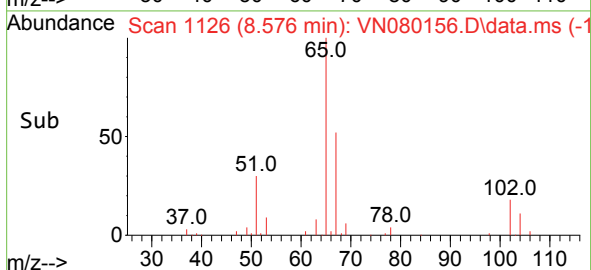
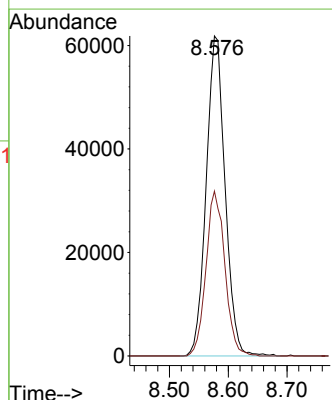
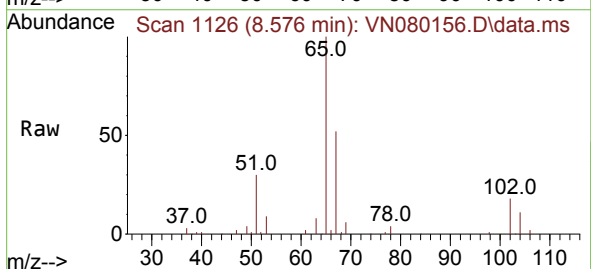
Acq: 17 Nov 2023 12:30

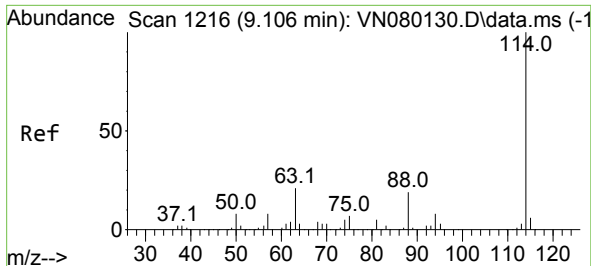
Tgt Ion: 65 Resp: 138222

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

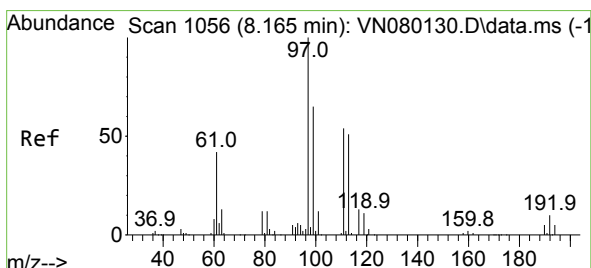
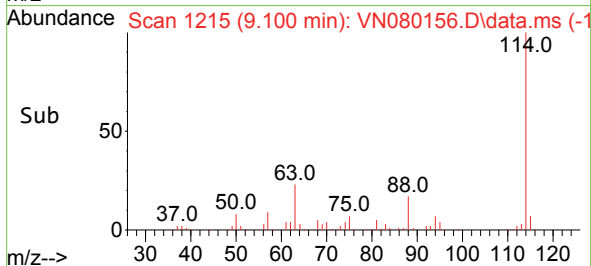
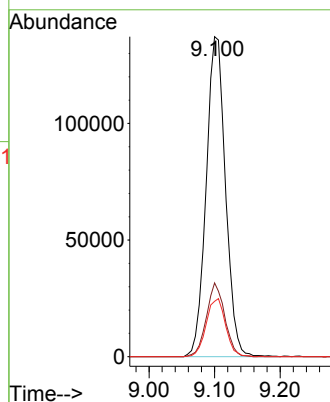
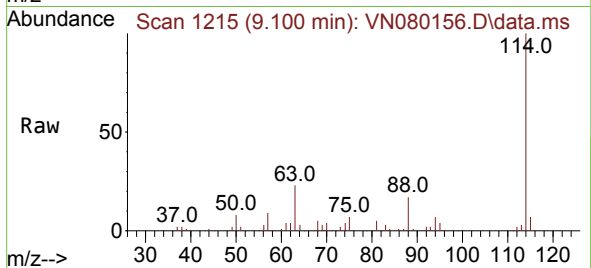
Tgt Ion:114 Resp: 281622

Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.557 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

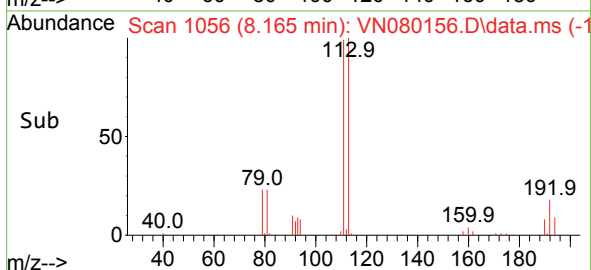
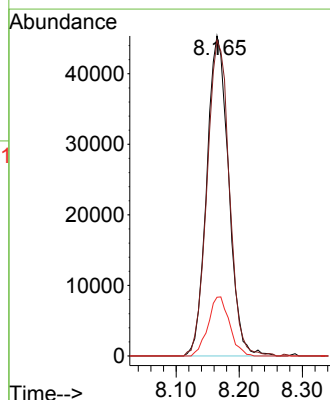
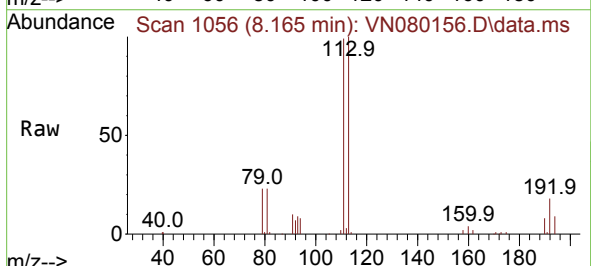
Tgt Ion:113 Resp: 109214

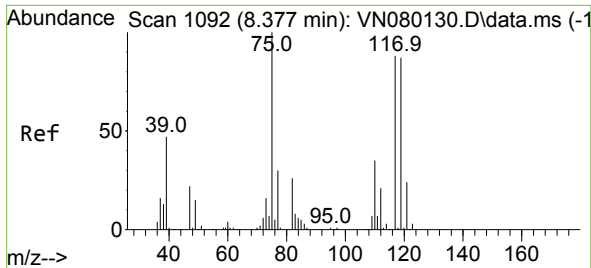
Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

192 18.0 12.7 19.1

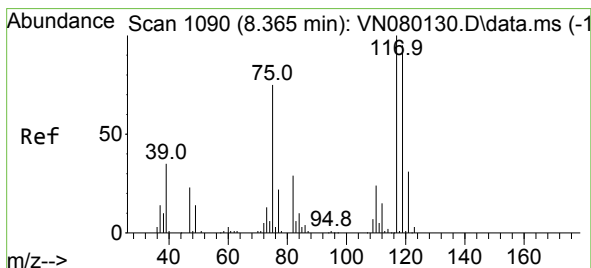
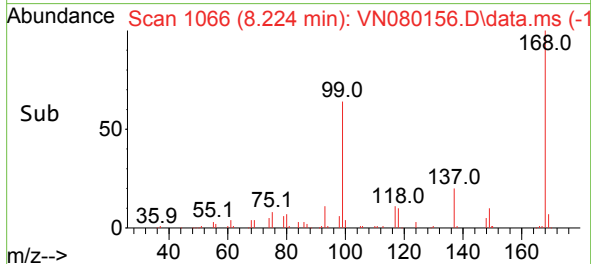
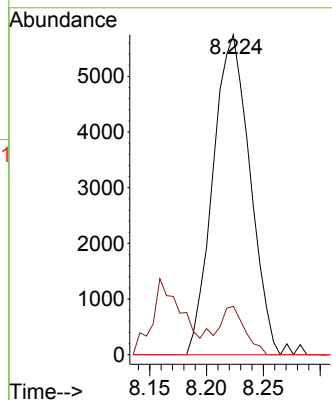
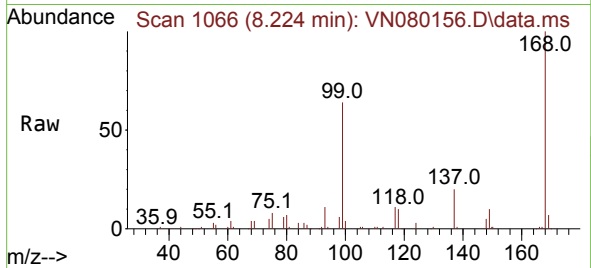




#36
1,1-Dichloropropene
Concen: 4.322 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

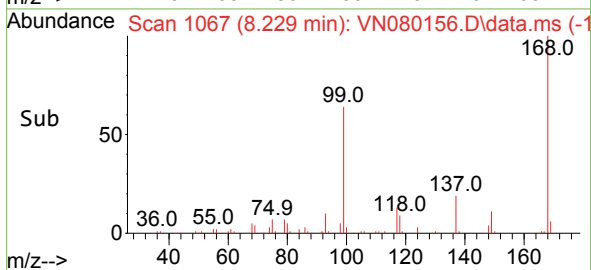
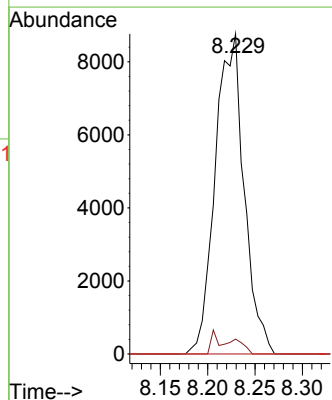
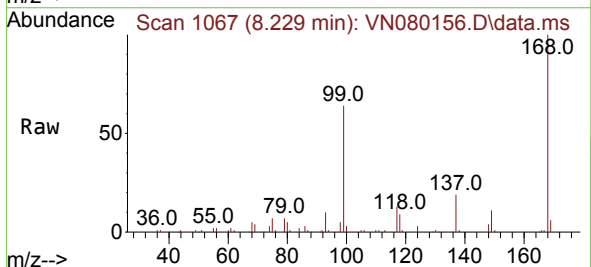
Instrument :
MSVOA_N
ClientSampleId :

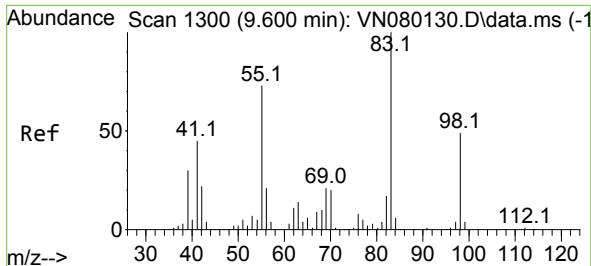
Tgt Ion: 75 Resp: 13002
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.849 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 117 Resp: 18512
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.431 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

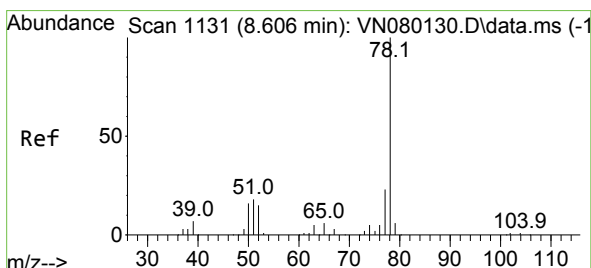
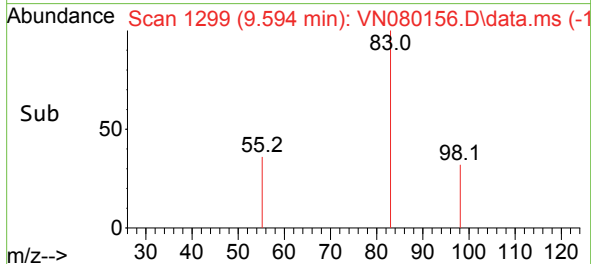
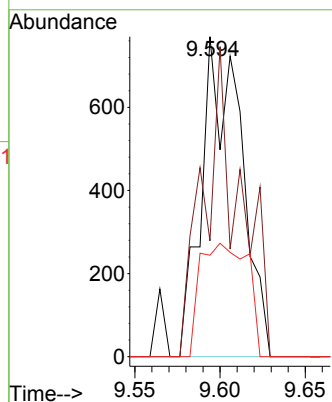
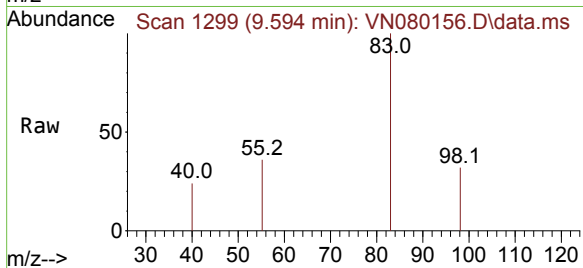
Tgt Ion: 83 Resp: 1250

Ion Ratio Lower Upper

83 100

55 36.2 49.1 73.7#

98 31.7 40.6 61.0#



#40

Benzene

Concen: 3.638 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080156.D

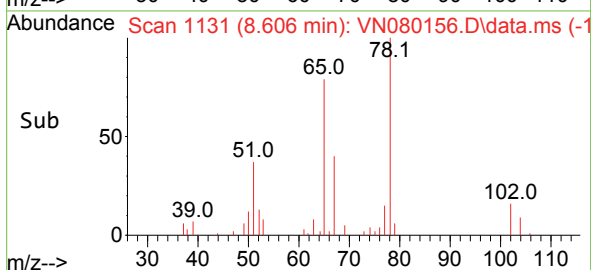
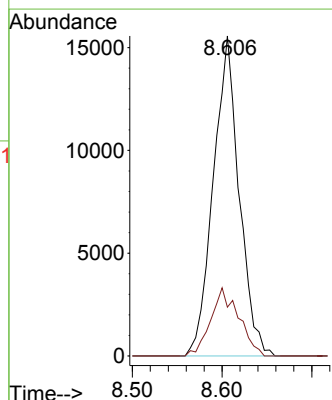
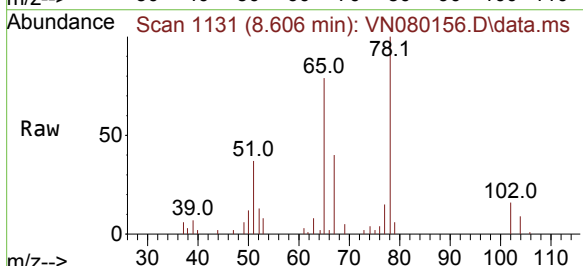
Acq: 17 Nov 2023 12:30

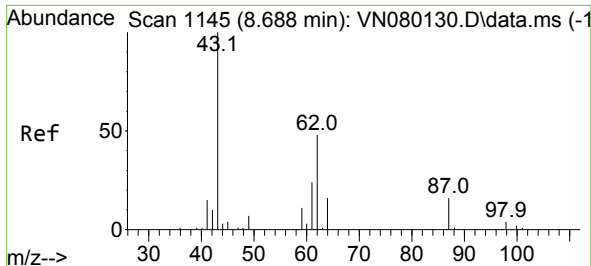
Tgt Ion: 78 Resp: 31105

Ion Ratio Lower Upper

78 100

77 15.2 19.0 28.6#

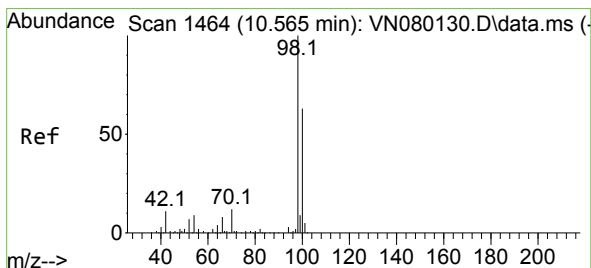
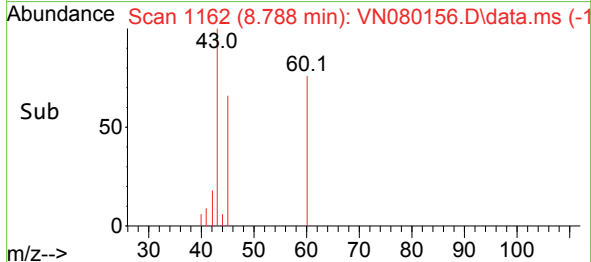
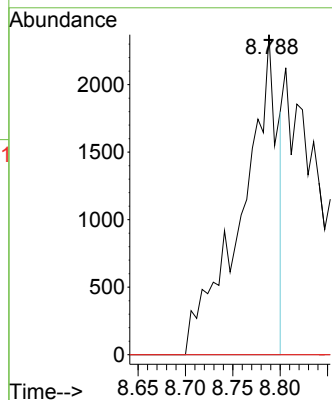
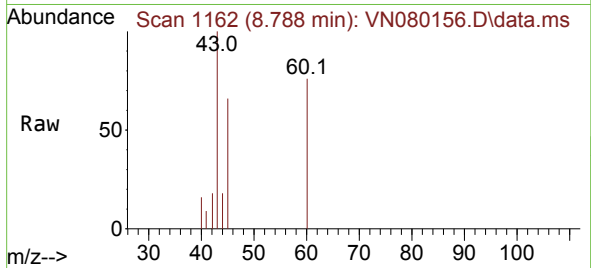




#43
Isopropyl Acetate
Concen: 1.543 ug/l
RT: 8.788 min Scan# 1162
Delta R.T. 0.100 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

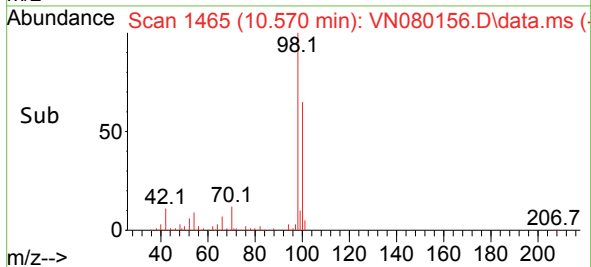
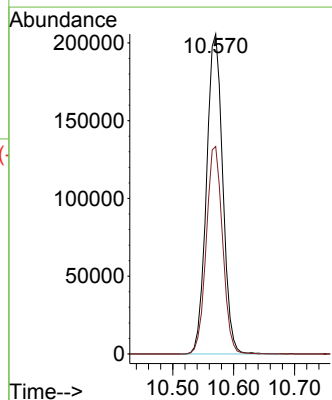
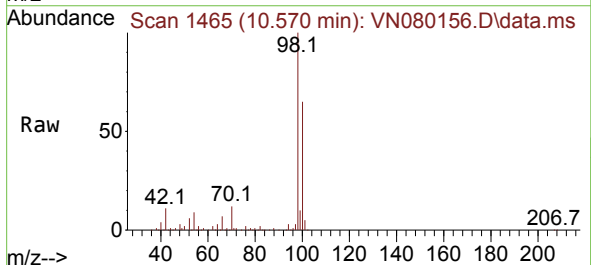
Instrument :
MSVOA_N
ClientSampleId :

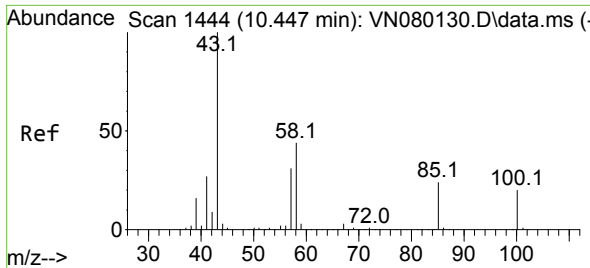
Tgt Ion: 43 Resp: 6264
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 98 Resp: 380794
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

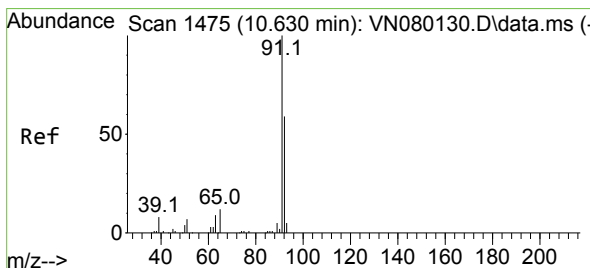
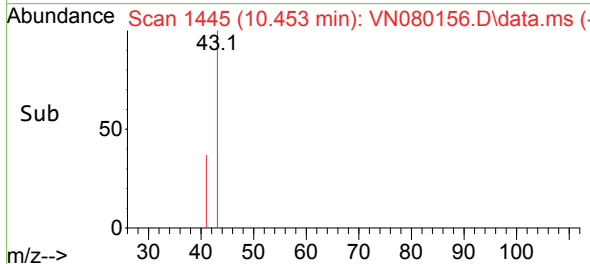
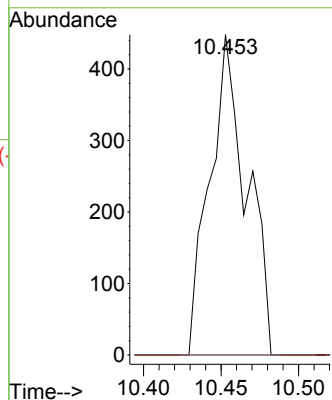
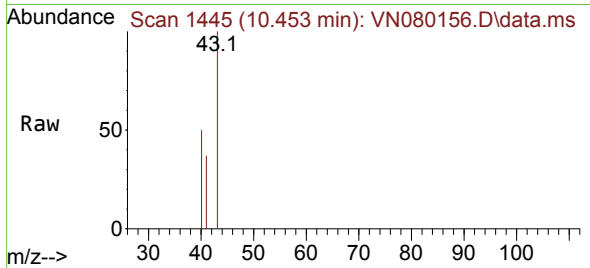




#51
4-Methyl-2-Pentanone
Concen: 0.352 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

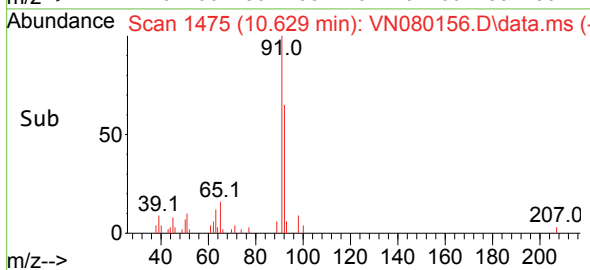
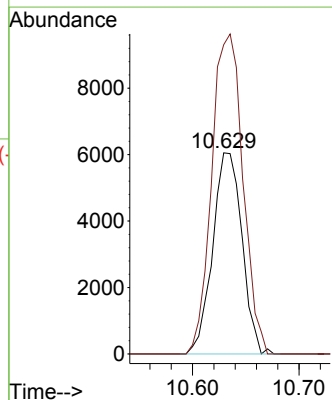
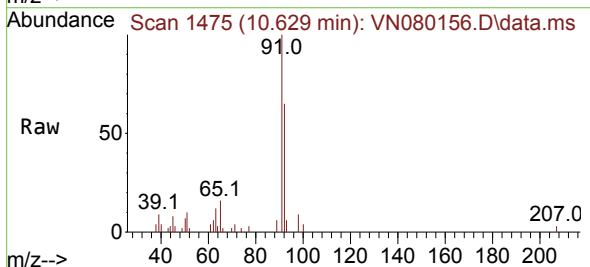
Instrument :
MSVOA_N
ClientSampleId :

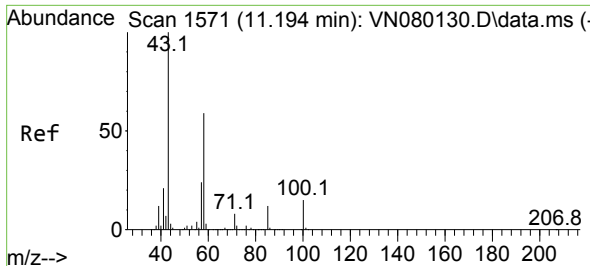
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#52
Toluene
Concen: 2.158 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 92 Resp: 11547
Ion Ratio Lower Upper
92 100
91 169.7 137.4 206.0

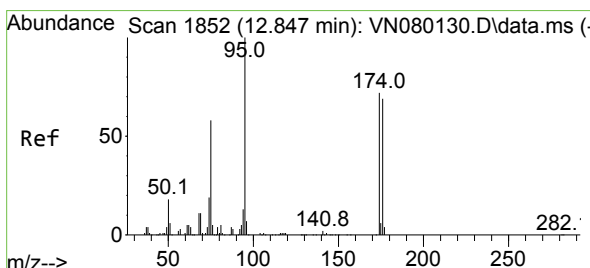
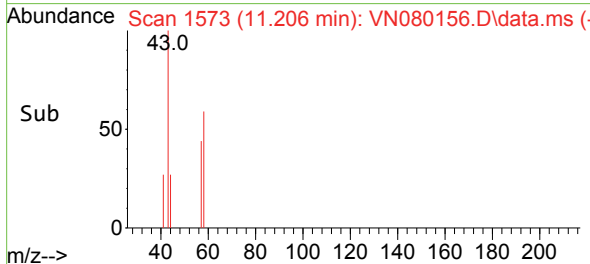
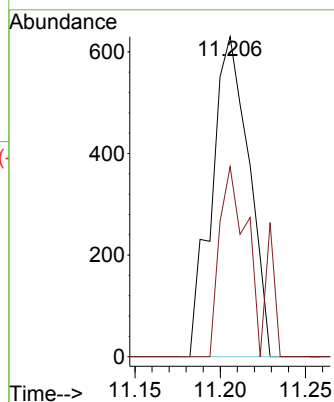
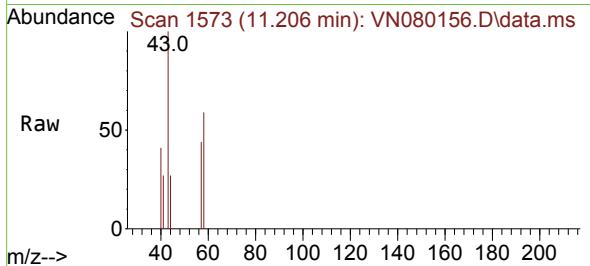




#59
2-Hexanone
Concen: 0.566 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

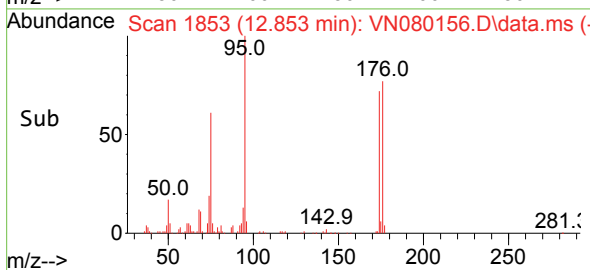
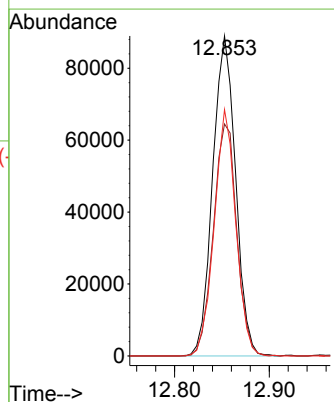
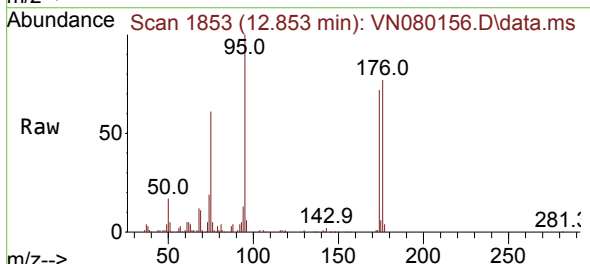
Instrument :
MSVOA_N
ClientSampleId :

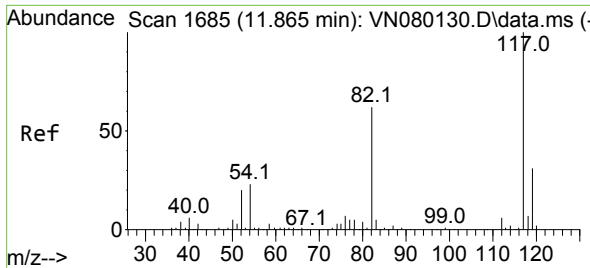
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 52.4 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 52.714 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 95 Resp: 149147
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.8 0.0 135.8

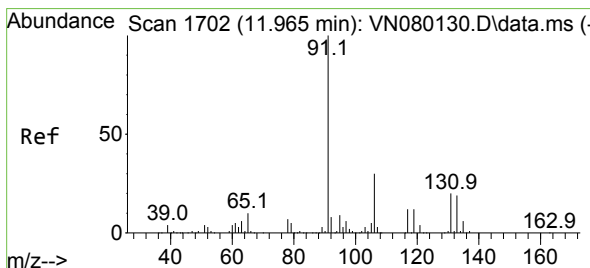
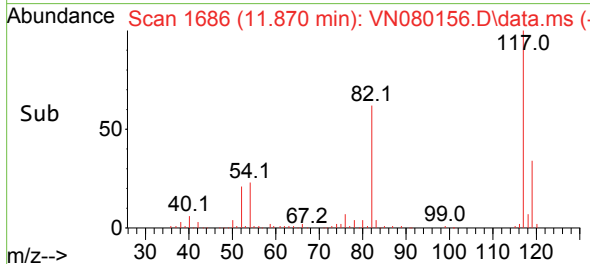
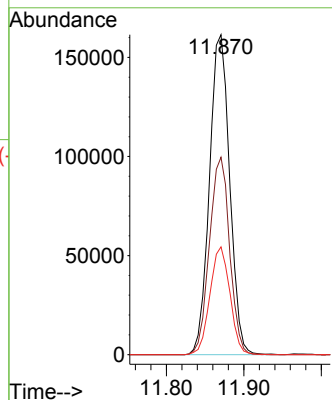
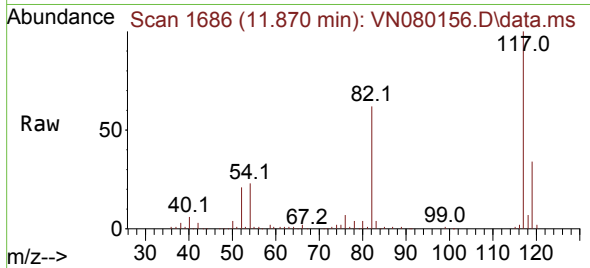




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

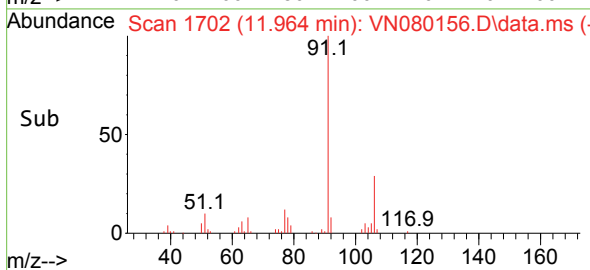
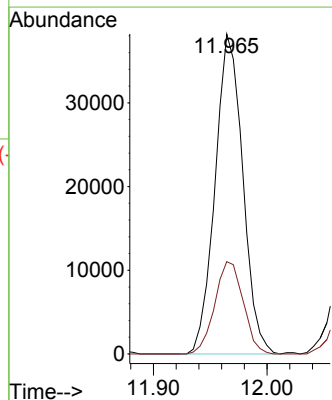
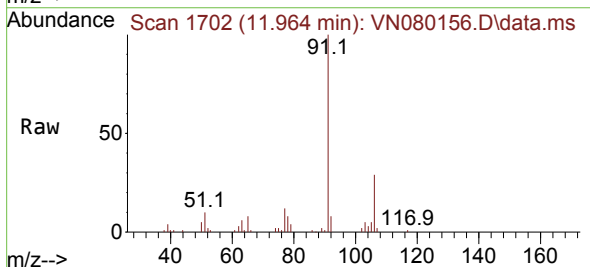
Instrument :
MSVOA_N
ClientSampleId :

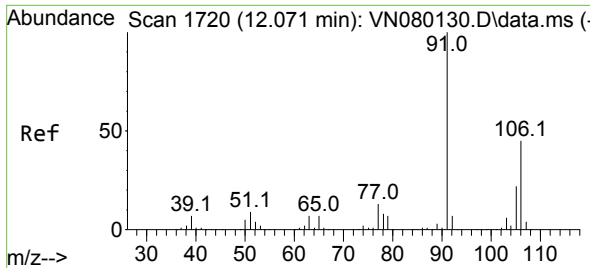
Tgt Ion:117 Resp: 292598
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 33.7 25.6 38.4



#67
Ethyl Benzene
Concen: 5.486 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 91 Resp: 64723
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

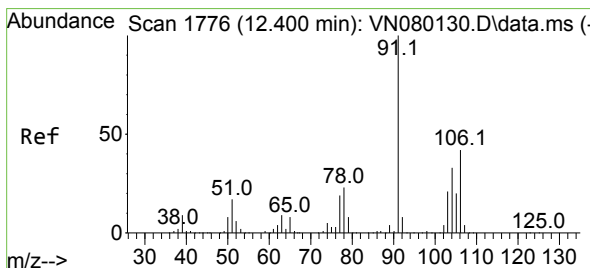
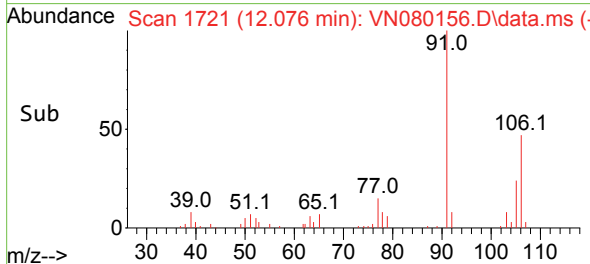
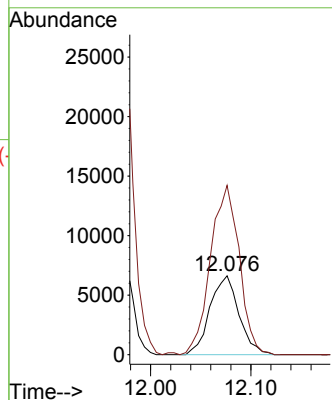
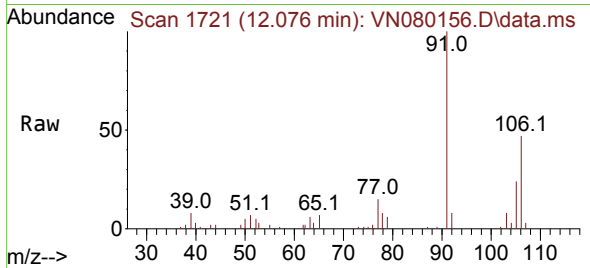




#68
m/p-Xylenes
Concen: 3.095 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

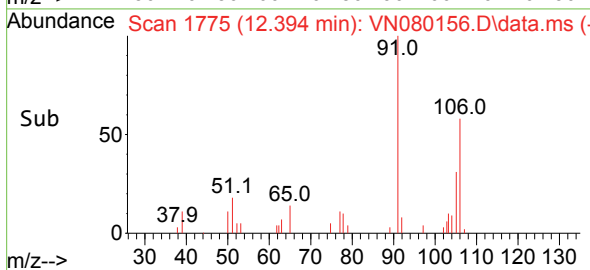
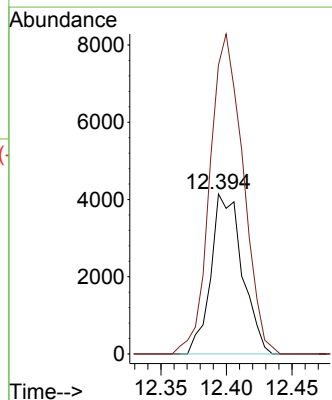
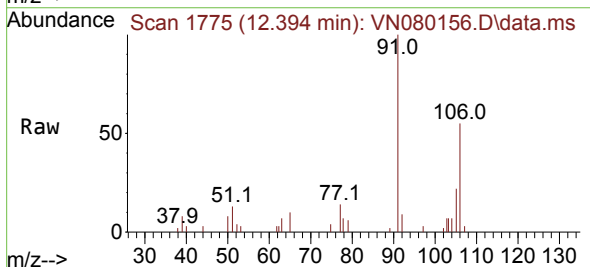
Instrument :
MSVOA_N
ClientSampleId :

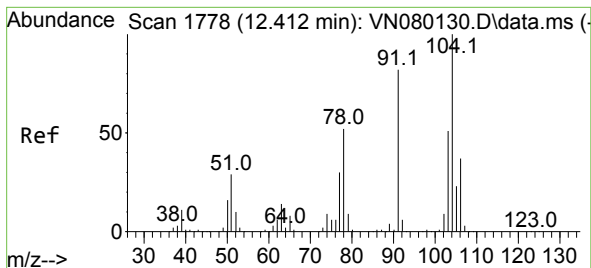
Tgt Ion:106 Resp: 13312
Ion Ratio Lower Upper
106 100
91 214.3 159.6 239.4



#69
o-Xylene
Concen: 1.699 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion:106 Resp: 6889
Ion Ratio Lower Upper
106 100
91 211.6 105.2 315.5





#70

Styrene

Concen: 0.613 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080156.D

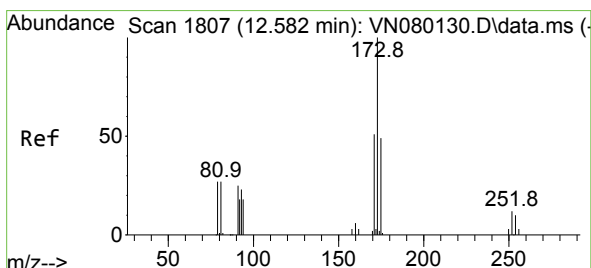
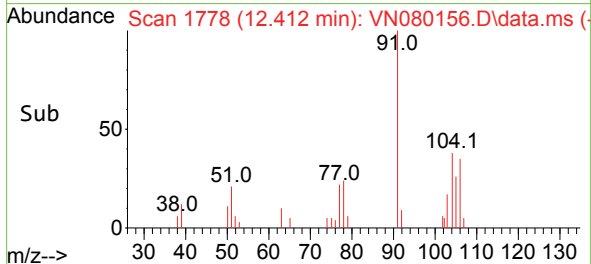
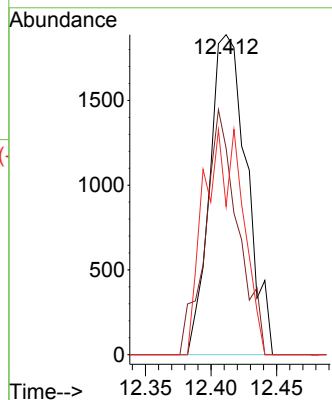
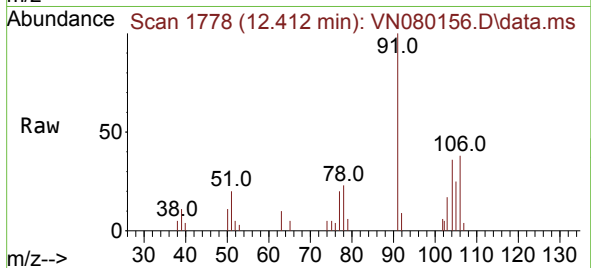
Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 3698
 Ion Ratio Lower Upper
 104 100
 78 67.7 39.5 59.3#
 103 73.9 43.2 64.8#



#71

Bromoform

Concen: 0.231 ug/l

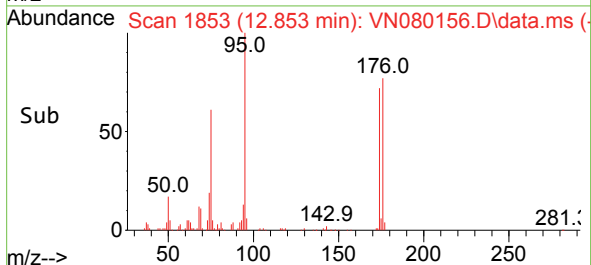
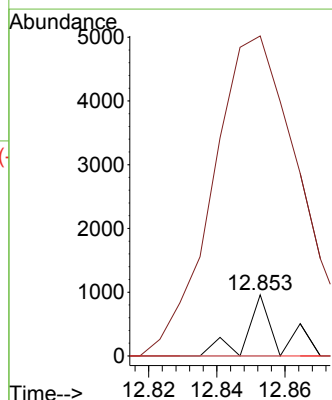
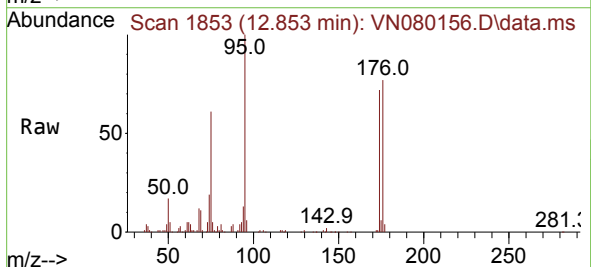
RT: 12.853 min Scan# 1853

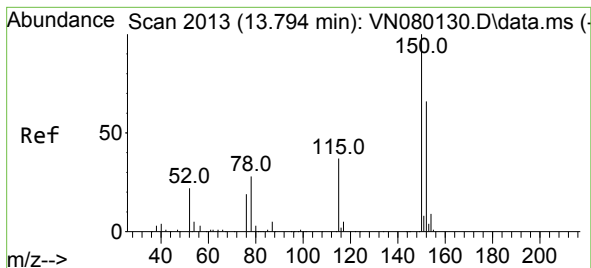
Delta R.T. 0.270 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Tgt Ion:173 Resp: 441
 Ion Ratio Lower Upper
 173 100
 175 1594.6 24.3 73.0#
 254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

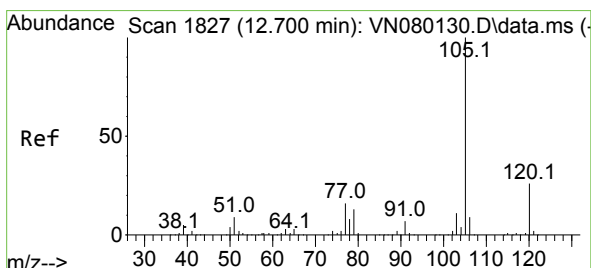
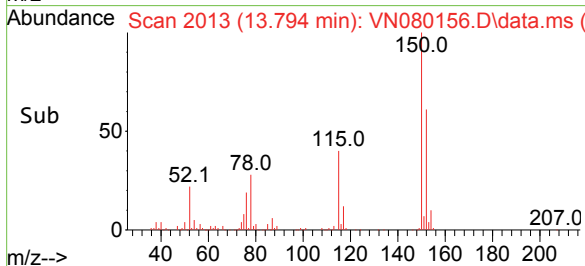
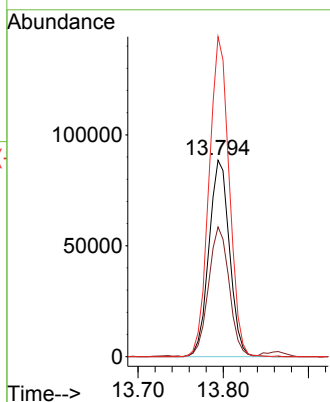
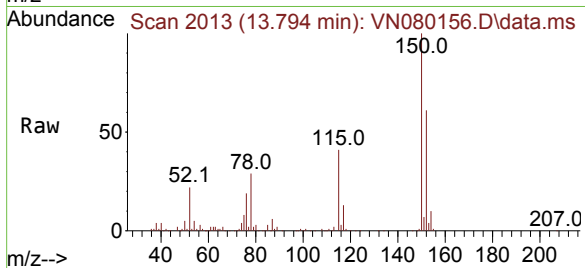
Tgt Ion:152 Resp: 148413

Ion Ratio Lower Upper

152 100

115 66.5 32.3 96.8

150 159.8 0.0 355.8



#73

Isopropylbenzene

Concen: 0.472 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080156.D

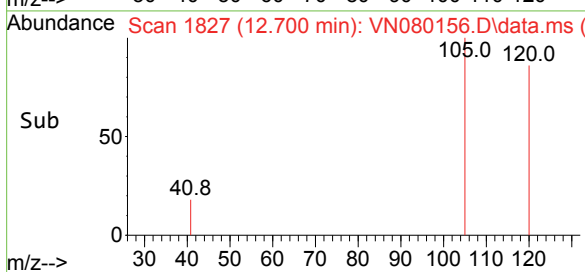
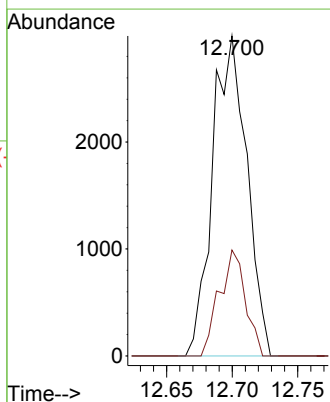
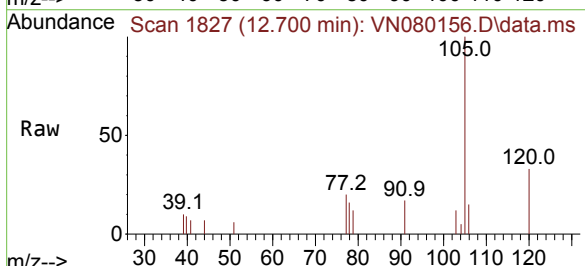
Acq: 17 Nov 2023 12:30

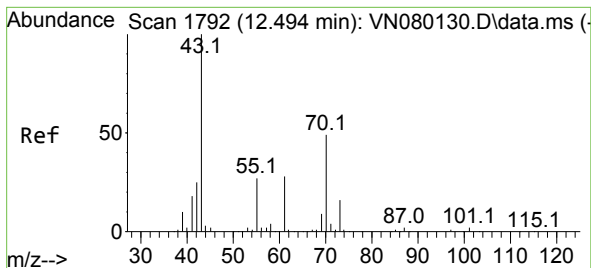
Tgt Ion:105 Resp: 5442

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1





#74

N-amy1 acetate

Concen: 0.234 ug/l

RT: 12.506 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 843

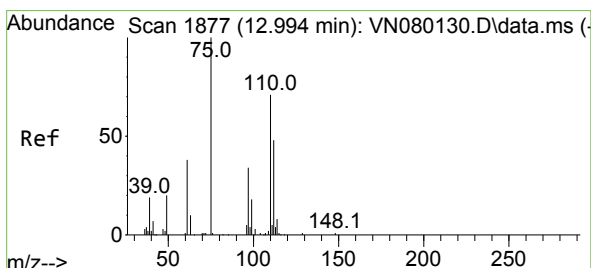
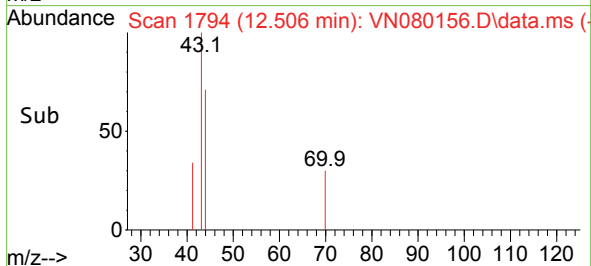
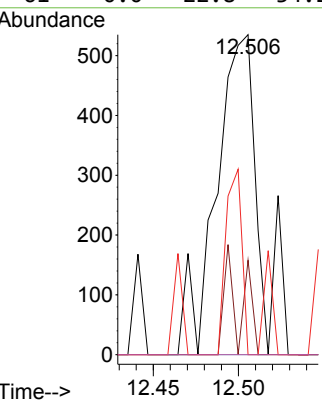
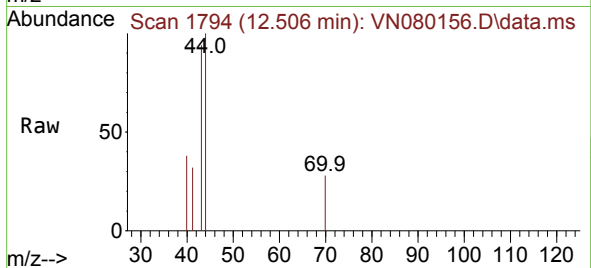
Ion Ratio Lower Upper

43 100

70 14.4 43.4 65.2#

55 24.1 21.4 32.0

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 23.246 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080156.D

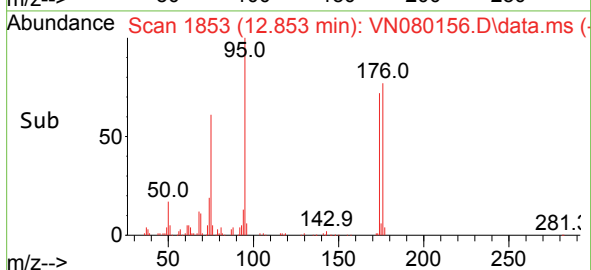
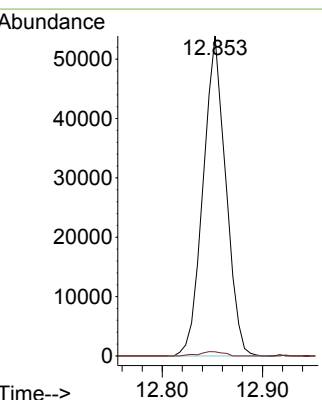
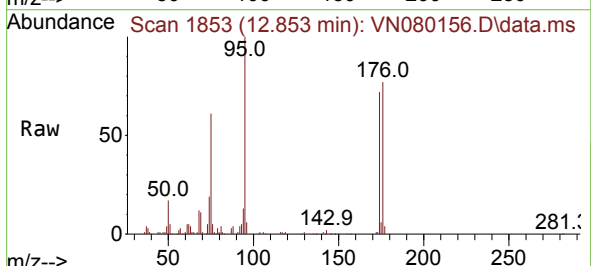
Acq: 17 Nov 2023 12:30

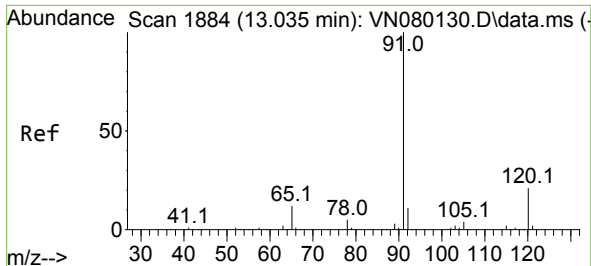
Tgt Ion: 75 Resp: 84532

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#

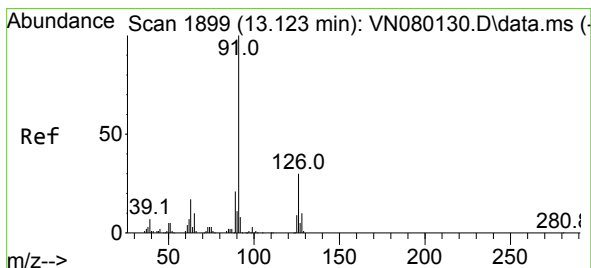
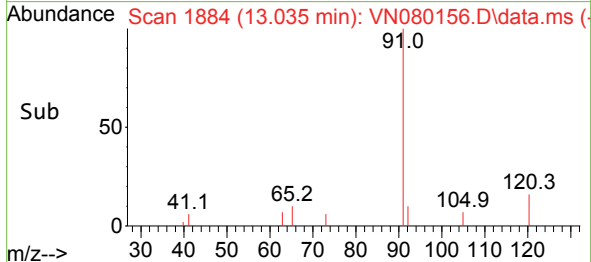
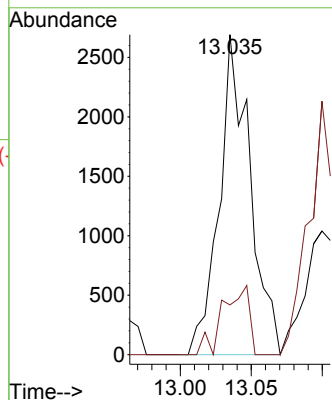
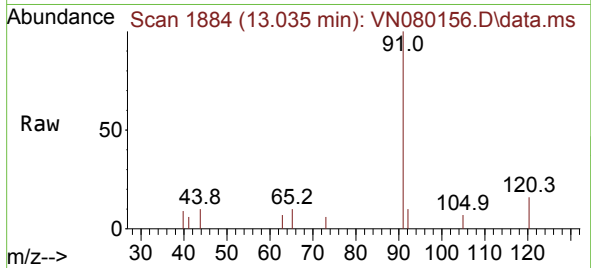




#78
n-propylbenzene
Concen: 0.314 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

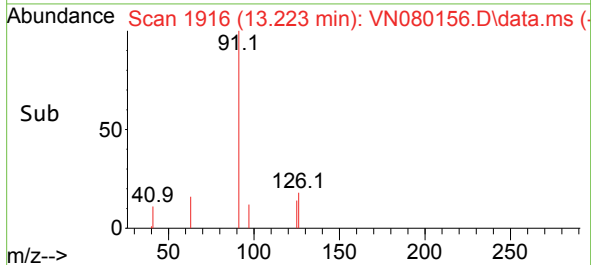
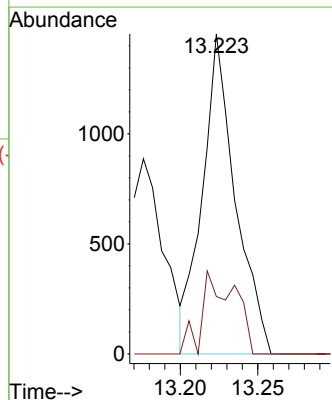
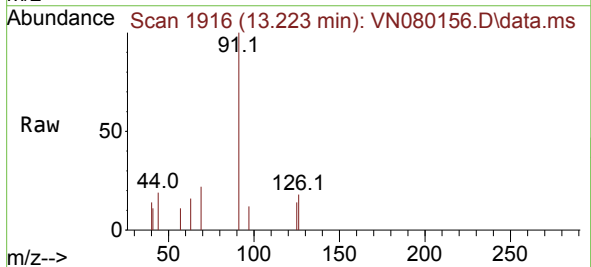
Instrument :
MSVOA_N
ClientSampleId :

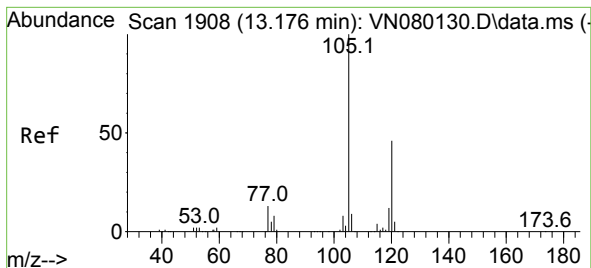
Tgt Ion: 91 Resp: 4045
Ion Ratio Lower Upper
91 100
120 18.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.256 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.100 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 91 Resp: 2148
Ion Ratio Lower Upper
91 100
126 25.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.972 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

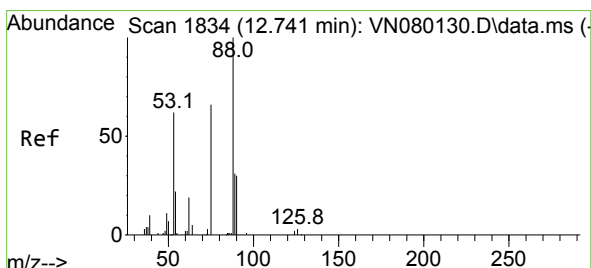
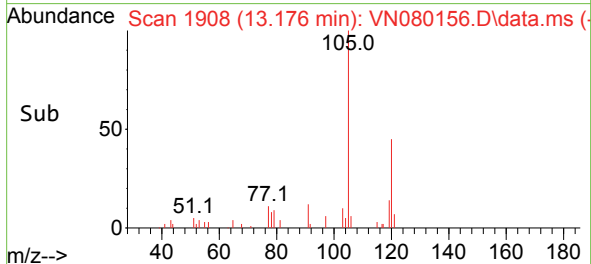
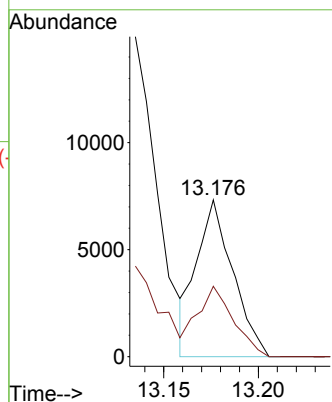
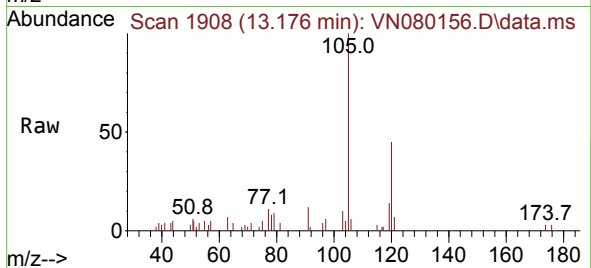
ClientSampleId :

Tgt Ion:105 Resp: 9759

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 78.539 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

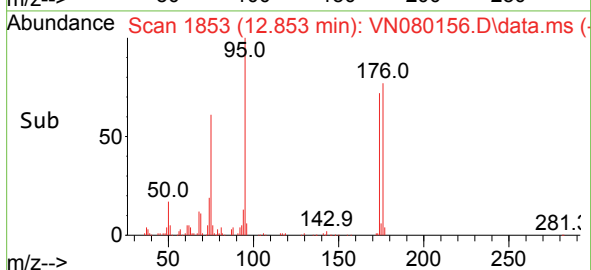
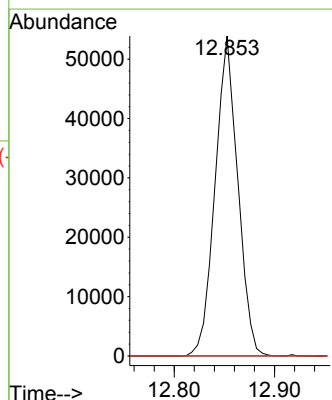
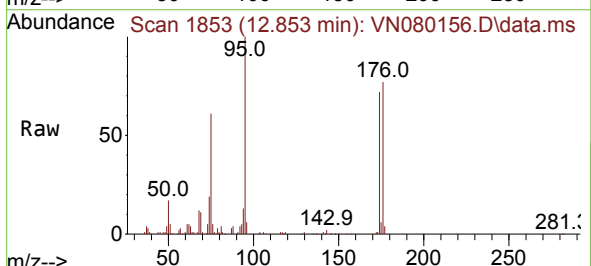
Tgt Ion: 75 Resp: 84532

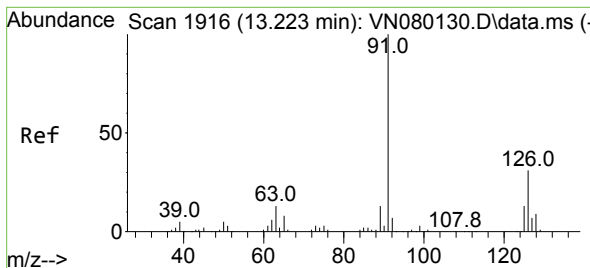
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

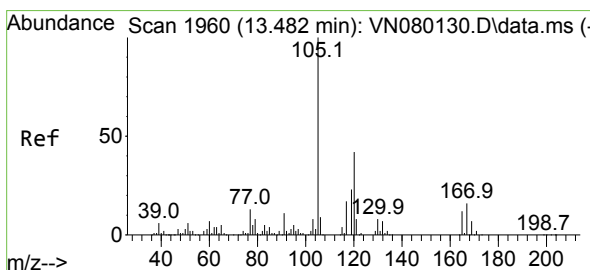
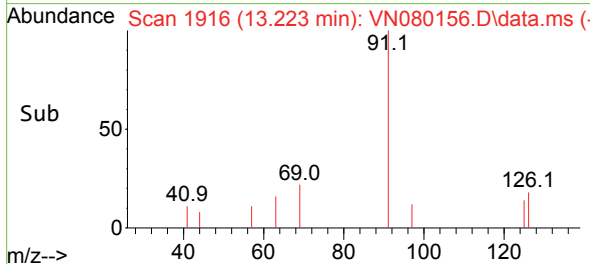
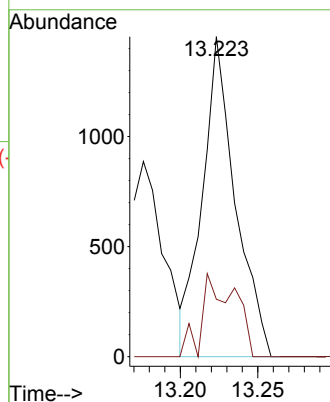
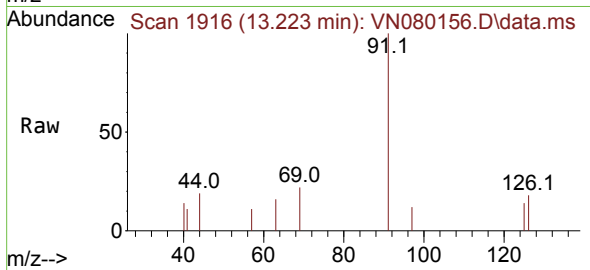




#82
4-Chlorotoluene
Concen: 0.250 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

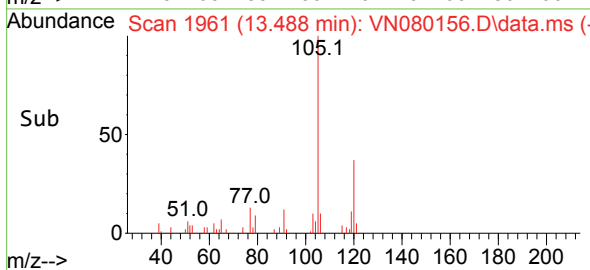
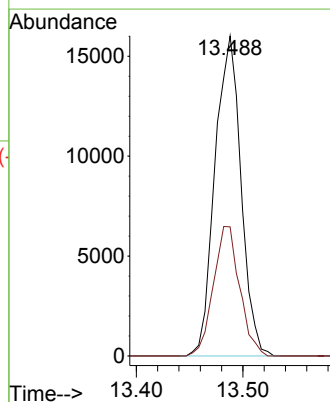
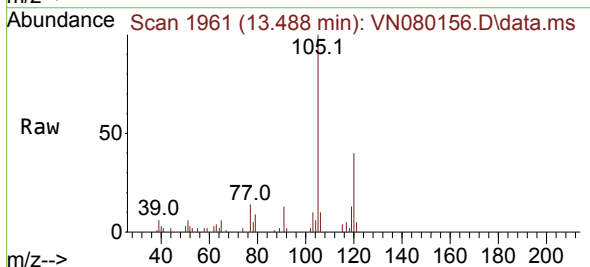
Instrument :
MSVOA_N
ClientSampleId :

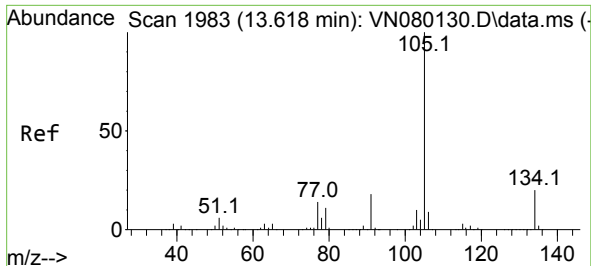
Tgt Ion: 91 Resp: 2148
Ion Ratio Lower Upper
91 100
126 25.9 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 2.748 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 105 Resp: 27168
Ion Ratio Lower Upper
105 100
120 40.8 22.0 66.0

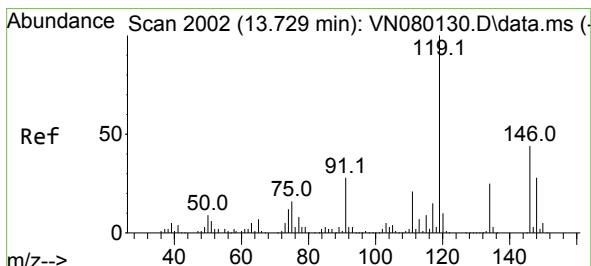
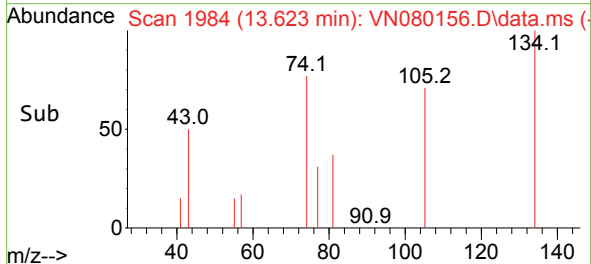
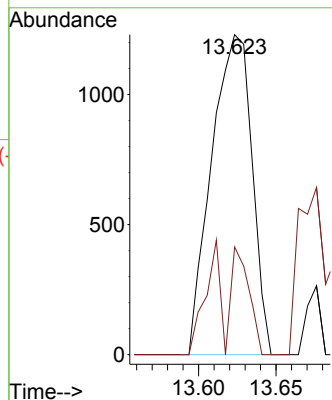
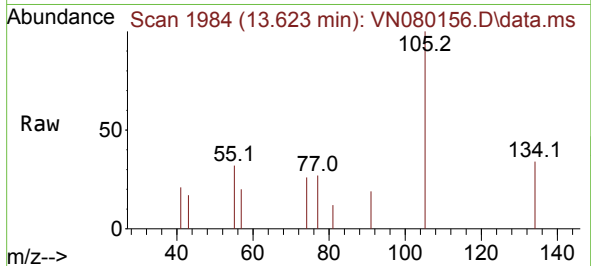




#85
 sec-Butylbenzene
 Concen: 0.219 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN080156.D
 Acq: 17 Nov 2023 12:30

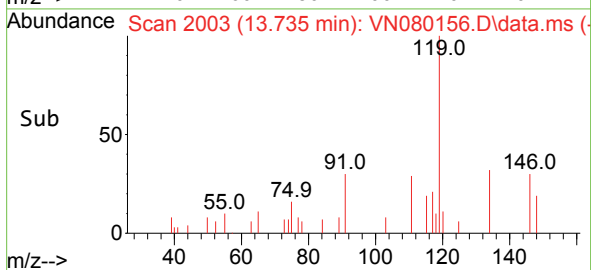
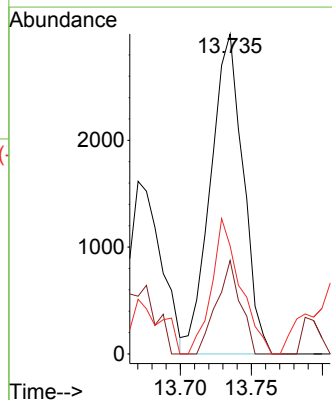
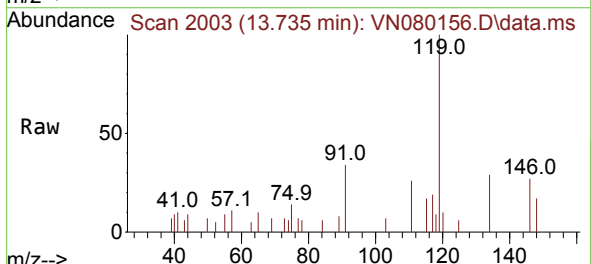
Instrument :
 MSVOA_N
 ClientSampleId :

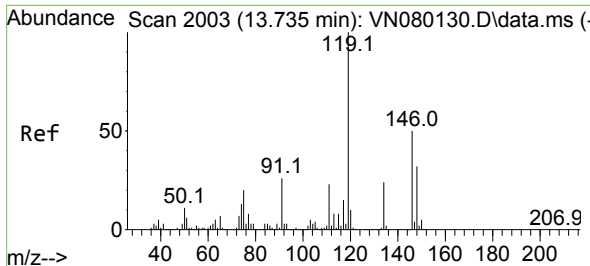
Tgt Ion:105 Resp: 2230
 Ion Ratio Lower Upper
 105 100
 134 14.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.526 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080156.D
 Acq: 17 Nov 2023 12:30

Tgt Ion:119 Resp: 4784
 Ion Ratio Lower Upper
 119 100
 134 21.5 12.6 37.8
 91 37.2 12.4 37.2#

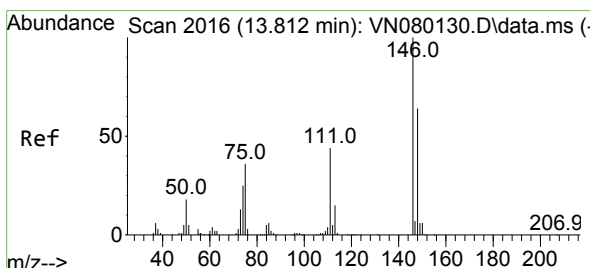
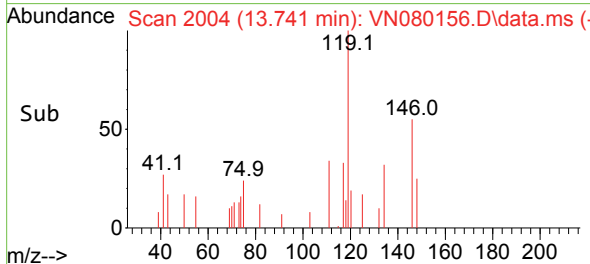
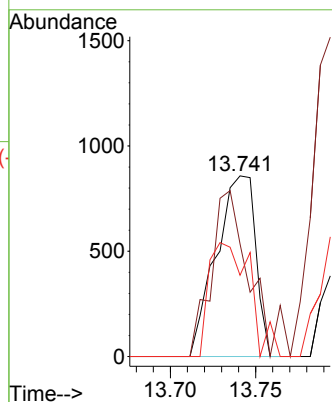
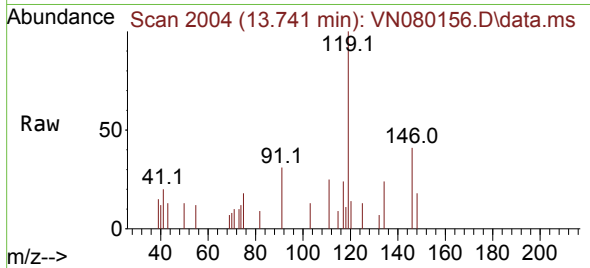




#87
 1,3-Dichlorobenzene
 Concen: 0.264 ug/l
 RT: 13.741 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080156.D
 Acq: 17 Nov 2023 12:30

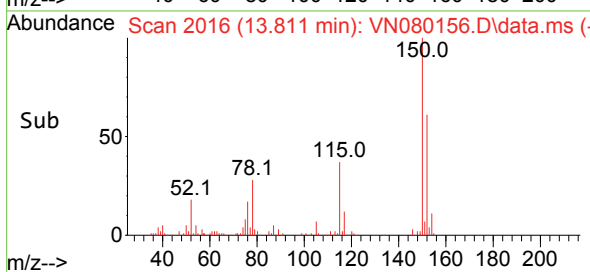
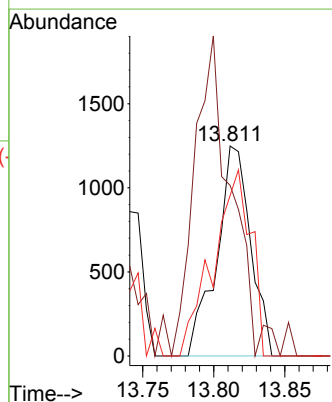
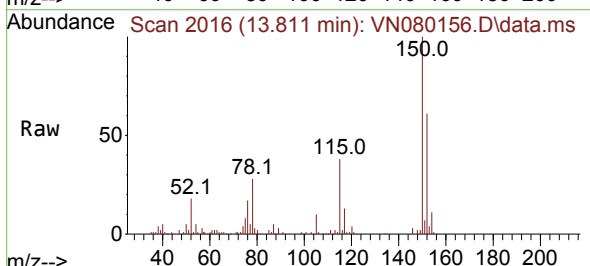
Instrument :
 MSVOA_N
 ClientSampleId :

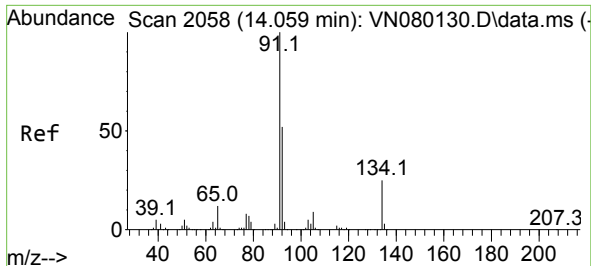
Tgt Ion:146 Resp: 1381
 Ion Ratio Lower Upper
 146 100
 111 90.2 22.1 66.3#
 148 65.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.394 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080156.D
 Acq: 17 Nov 2023 12:30

Tgt Ion:146 Resp: 2073
 Ion Ratio Lower Upper
 146 100
 111 164.8 20.6 61.8#
 148 98.7 31.6 94.8#





#89

n-Butylbenzene

Concen: 0.636 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

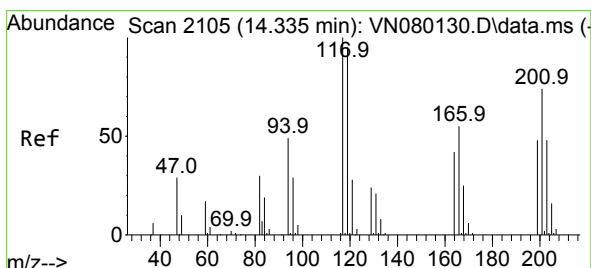
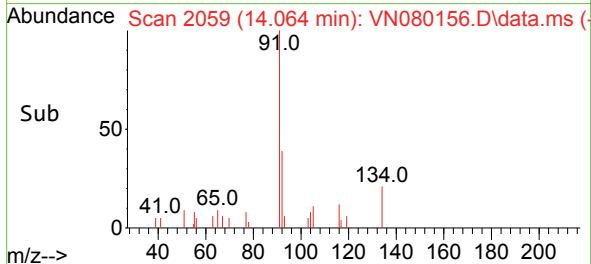
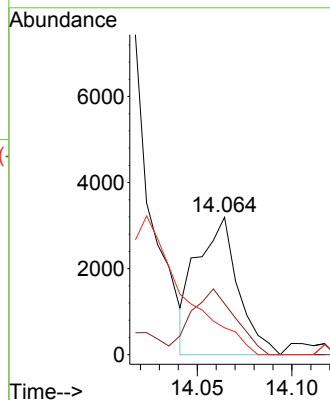
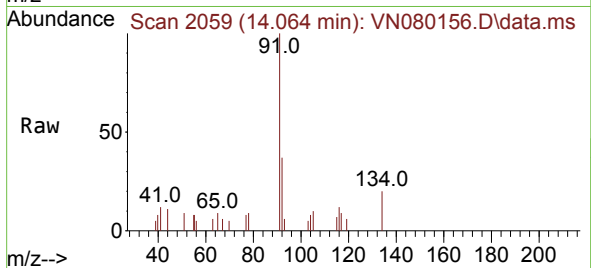
Tgt Ion: 91 Resp: 4843

Ion Ratio Lower Upper

91 100

92 50.8 26.4 79.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 1.599 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080156.D

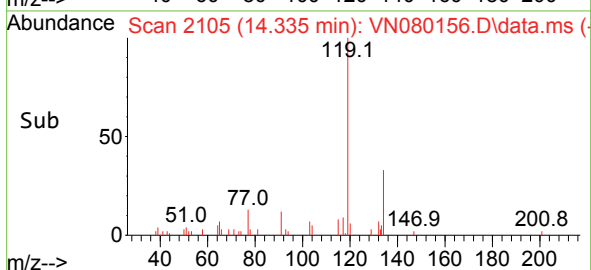
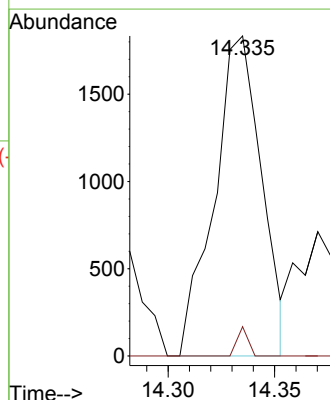
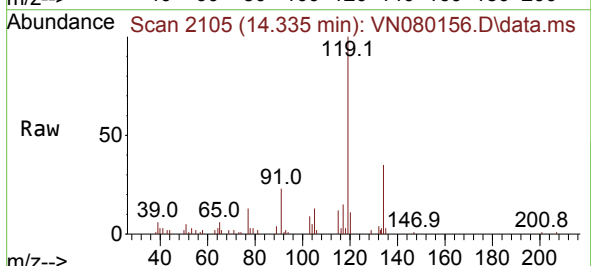
Acq: 17 Nov 2023 12:30

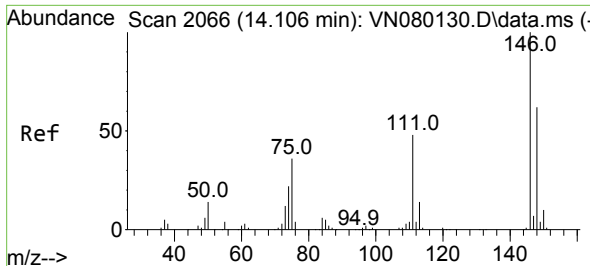
Tgt Ion: 117 Resp: 2836

Ion Ratio Lower Upper

117 100

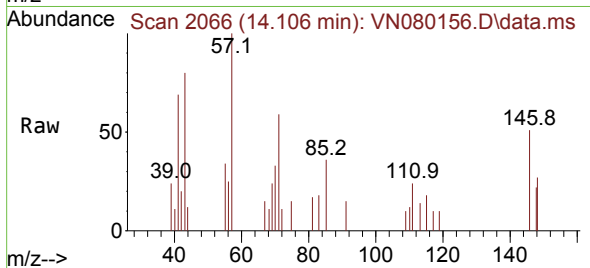
201 2.1 29.3 88.0#



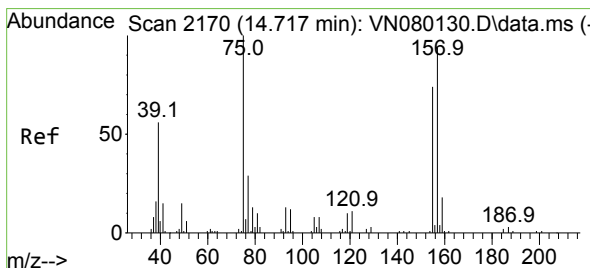
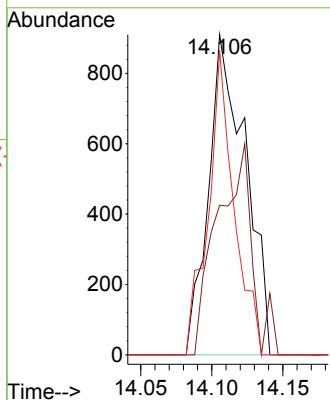
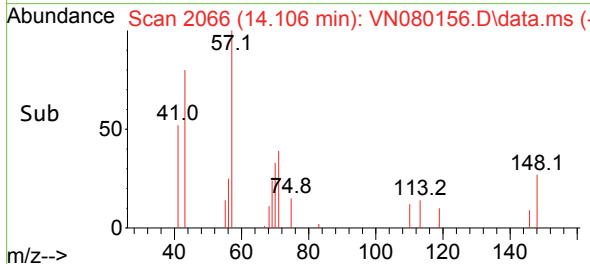


#91
1,2-Dichlorobenzene
Concen: 0.330 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

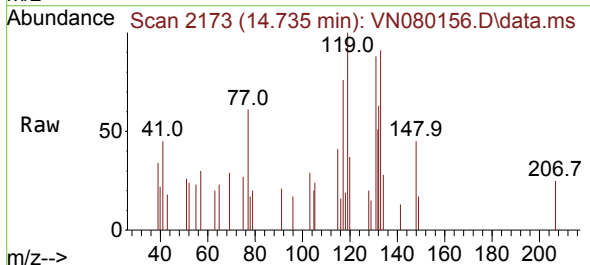
Instrument :
MSVOA_N
ClientSampleId :



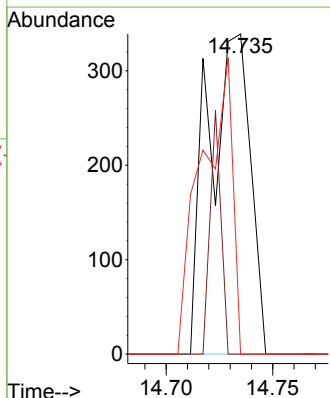
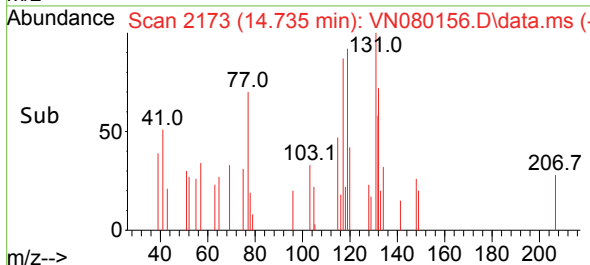
Tgt Ion:146 Resp: 1653
Ion Ratio Lower Upper
146 100
111 61.8 22.0 66.0
148 66.4 31.8 95.3

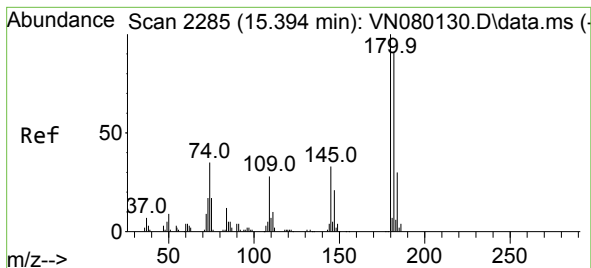


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.579 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.017 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30



Tgt Ion: 75 Resp: 464
Ion Ratio Lower Upper
75 100
155 19.6 39.1 117.2#
157 68.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.082 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080156.D

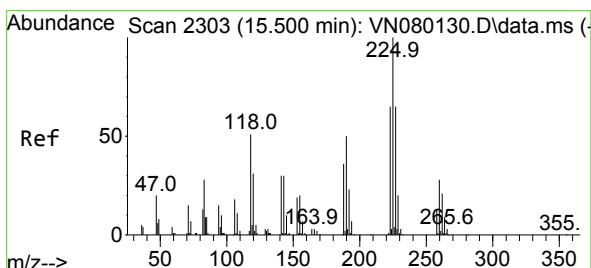
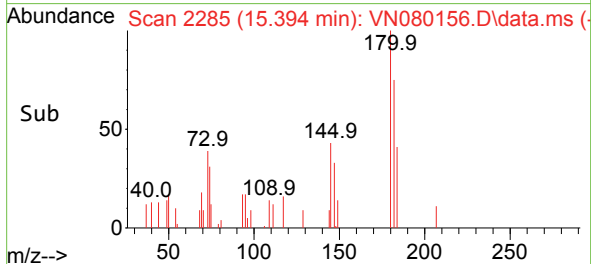
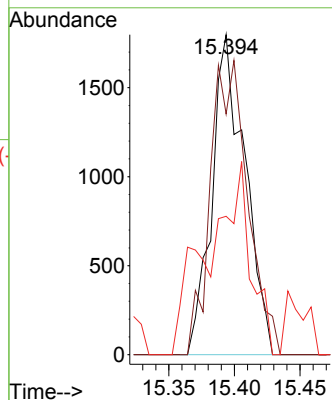
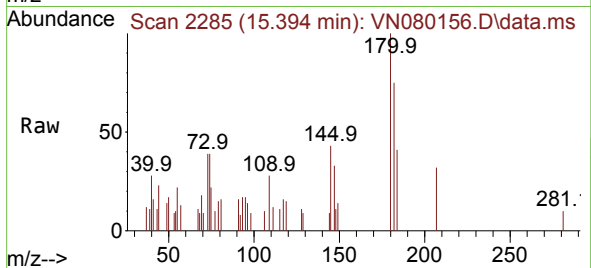
Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	3154
Ion Ratio	Lower	Upper
180	100	
182	103.6	46.1 138.2
145	50.3	16.6 49.8#



#94

Hexachlorobutadiene

Concen: 1.095 ug/l

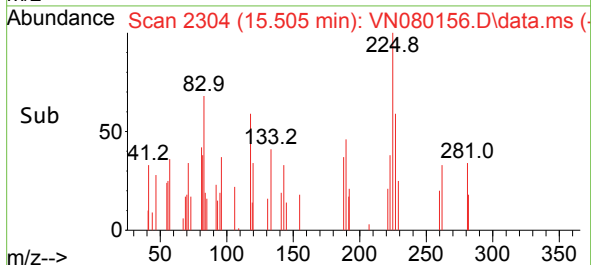
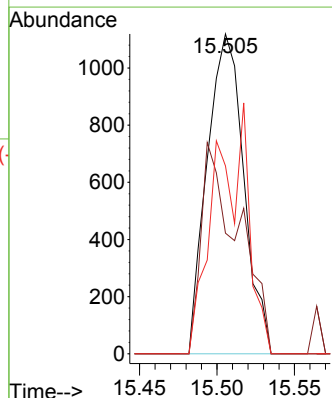
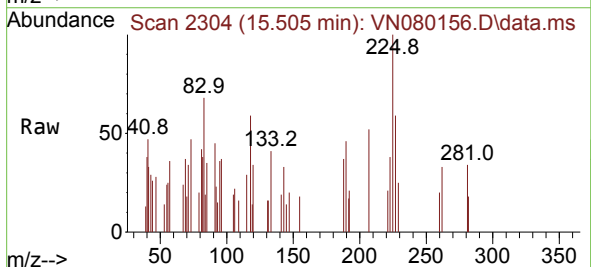
RT: 15.505 min Scan# 2304

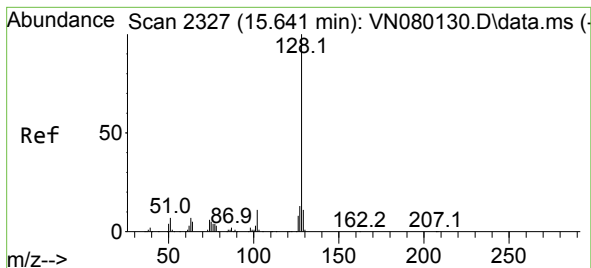
Delta R.T. 0.005 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Tgt Ion:225	Resp:	1837
Ion Ratio	Lower	Upper
225	100	
223	0.0	31.3 93.8#
227	71.3	31.9 95.9





#95

Naphthalene

Concen: 314.186 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

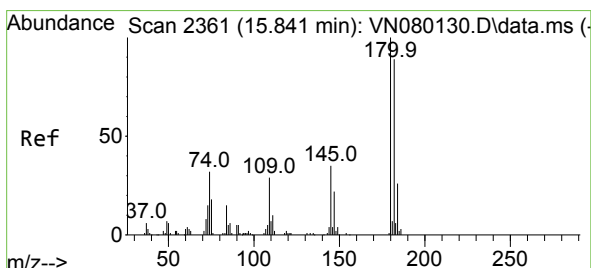
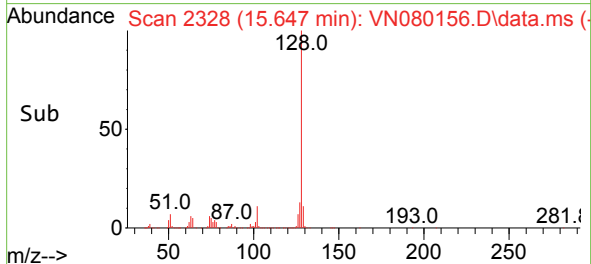
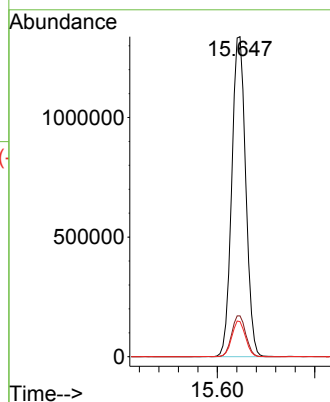
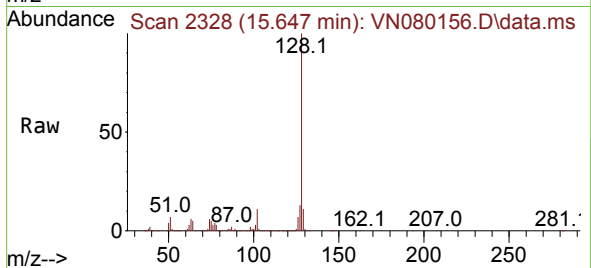
Tgt Ion:128 Resp: 2656379

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.476 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Tgt Ion:180 Resp: 4033

Ion Ratio Lower Upper

180 100

182 85.7 46.2 138.6

145 29.6 17.5 52.6

