

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081531.D
 Acq On : 21 Mar 2024 19:46
 Operator : JC\MD
 Sample : P1798-14 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-14

Quant Time: Mar 22 05:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	472062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	830139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	730162	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	315207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	297840	49.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.940%
35) Dibromofluoromethane	8.165	113	244999	46.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	10.571	98	953323	50.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.847	95	322713	48.360	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.720%

Target Compounds			Qvalue			
5) Bromomethane	2.977	94	1138	0.227	ug/l #	35
11) Tert butyl alcohol	5.518	59	456	0.435	ug/l #	72
16) Acetone	4.424	43	6964	3.579	ug/l #	87
18) Methyl Acetate	5.018	43	2452	0.409	ug/l #	89
20) Methylene Chloride	5.283	84	2345	0.368	ug/l #	41
25) 2-Butanone	7.494	43	4950	1.483	ug/l #	59
31) Cyclohexane	8.218	56	13958	1.425	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	39022	4.426	ug/l #	52
38) Carbon Tetrachloride	8.224	117	49955	5.172	ug/l #	18
39) Methylcyclohexane	9.594	83	3237	0.329	ug/l #	93
40) Benzene	8.606	78	4402212	170.786	ug/l	97
42) 1,2-Dichloroethane	8.606	62	39097	4.310	ug/l	77
43) Isopropyl Acetate	8.688	43	15262	1.220	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	2092	0.274	ug/l #	67
52) Toluene	10.629	92	1407823	85.931	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	18821	1.879	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	2842	0.265	ug/l #	58
55) 1,1,2-Trichloroethane	10.888	97	14749	2.237	ug/l #	16
56) Ethyl methacrylate	10.876	69	708	0.650	ug/l #	20
59) 2-Hexanone	11.176	43	6032	1.068	ug/l #	26
67) Ethyl Benzene	11.965	91	120743	4.027	ug/l	99
68) m/p-Xylenes	12.071	106	238666	21.233	ug/l	98
69) o-Xylene	12.400	106	154691	14.018	ug/l	93
70) Styrene	12.412	104	25006	1.405	ug/l #	16
73) Isopropylbenzene	12.688	105	6572	0.245	ug/l	91
76) 1,2,3-Trichloropropane	12.847	75	169545	22.486	ug/l #	1
78) n-propylbenzene	13.041	91	10521	0.332	ug/l	86
79) 2-Chlorotoluene	13.100	91	7371	0.388	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.170	105	48358	2.179	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	169545	60.765	ug/l #	15
82) 4-Chlorotoluene	13.176	91	5402	0.289	ug/l #	44
83) tert-Butylbenzene	13.482	119	16226	0.848	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.482	105	134745	6.041	ug/l	100
85) sec-Butylbenzene	13.482	105	134745	4.925	ug/l #	60
90) Hexachloroethane	14.323	117	1349	0.319	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.547	75	1100	0.654	ug/l	73

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

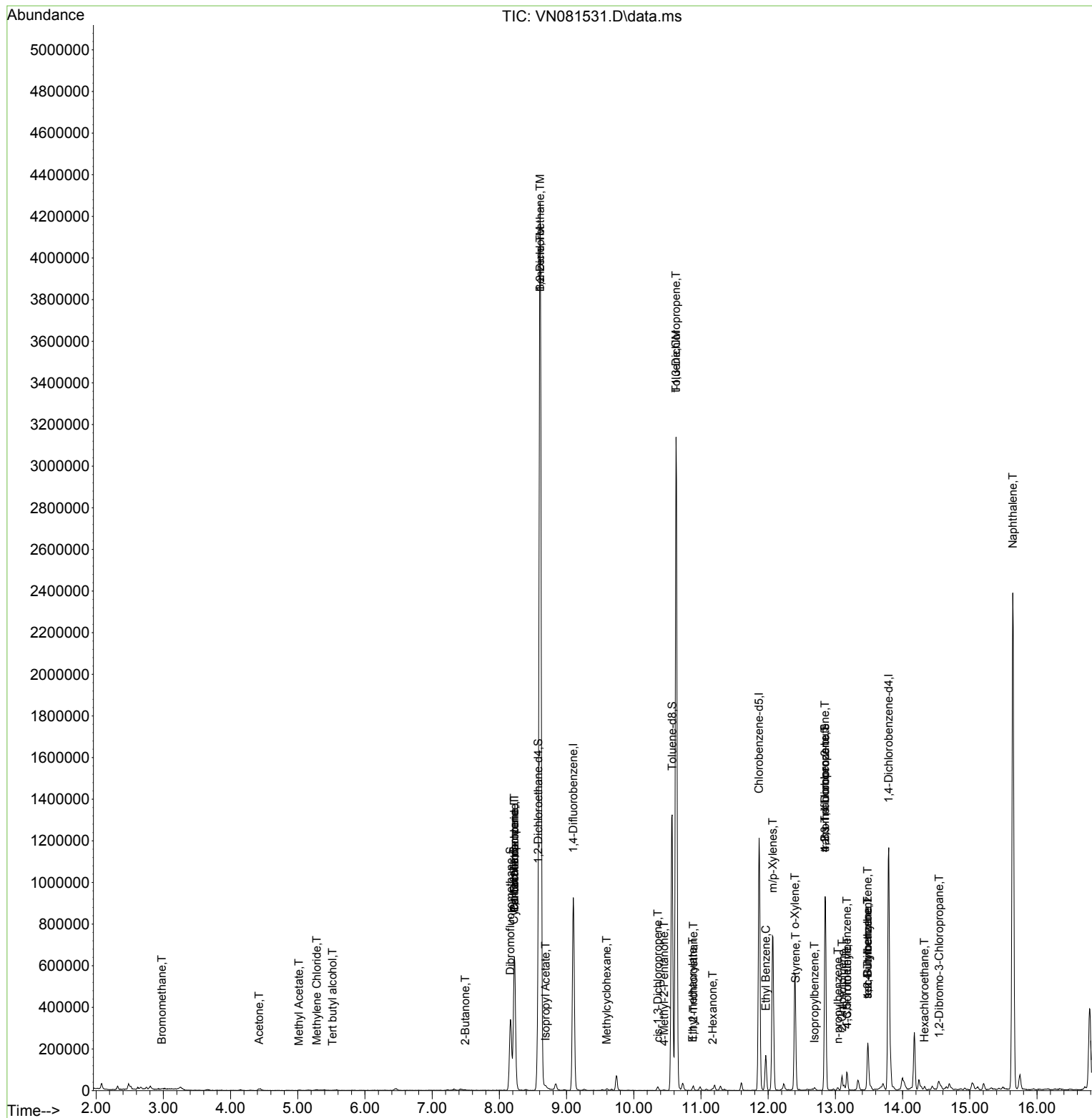
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	2234033	101.590	ug/l	99

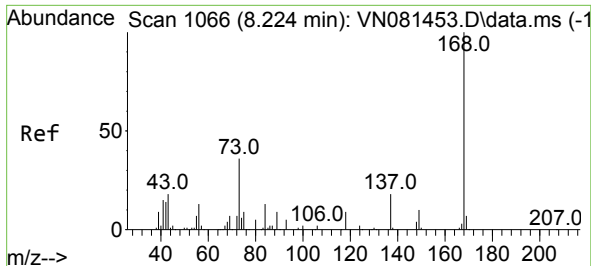
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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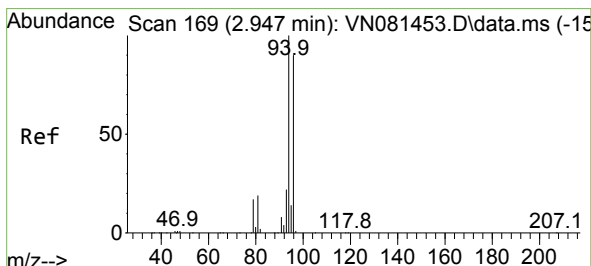
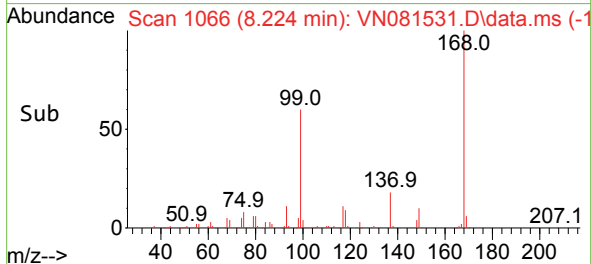
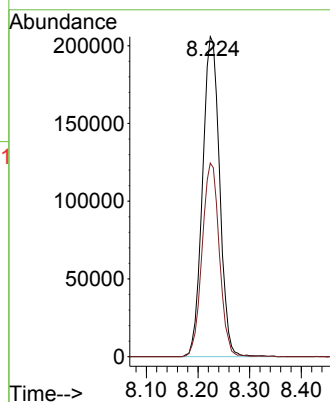
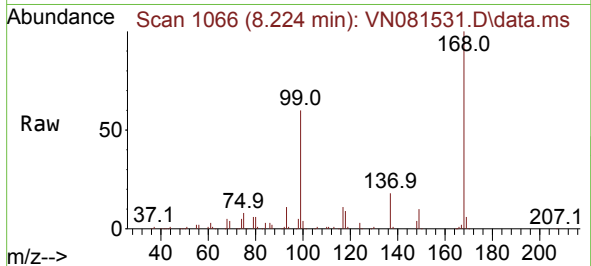




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

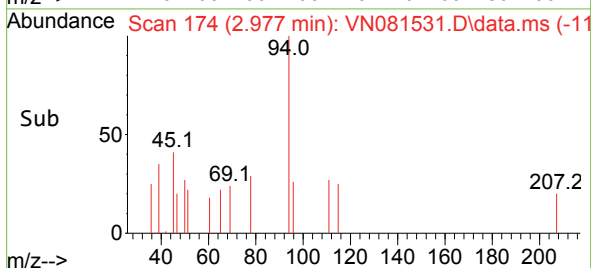
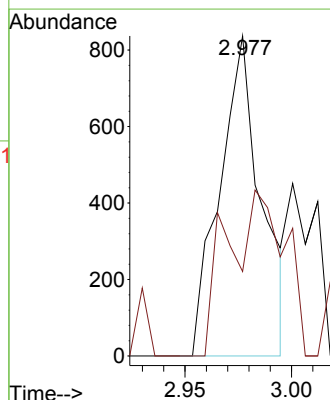
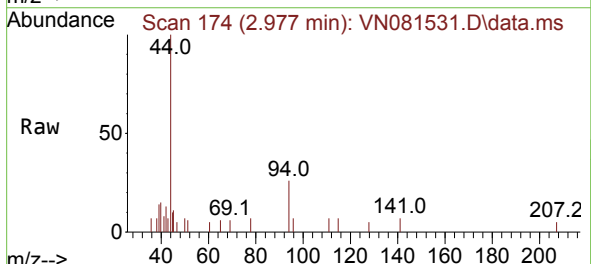
Instrument :
MSVOA_N
ClientSampleId :
S-14

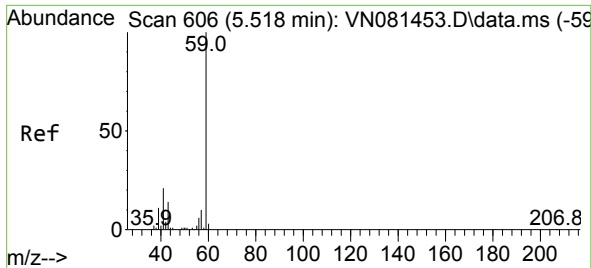
Tgt Ion:168 Resp: 472062
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9



#5
Bromomethane
Concen: 0.227 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 94 Resp: 1138
Ion Ratio Lower Upper
94 100
96 26.4 69.2 103.8#

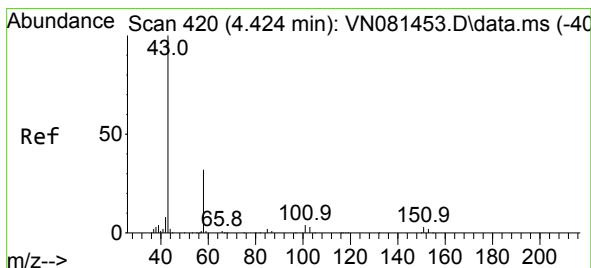
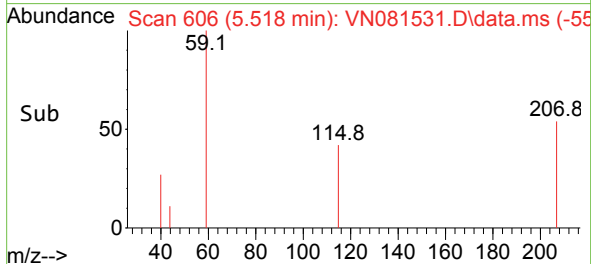
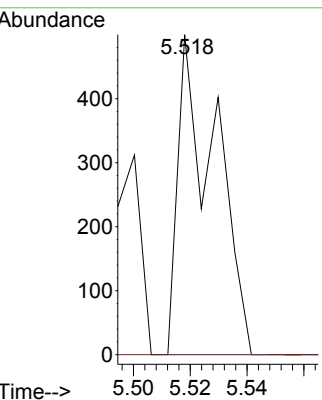
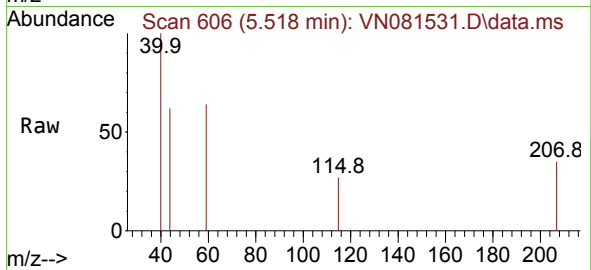




#11
Tert butyl alcohol
Concen: 0.435 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

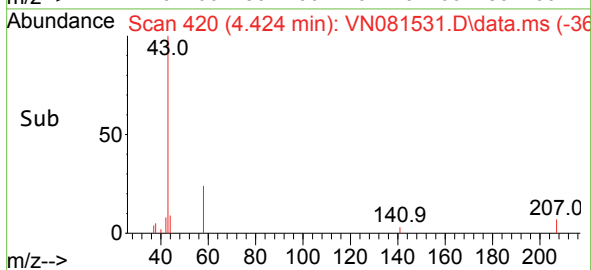
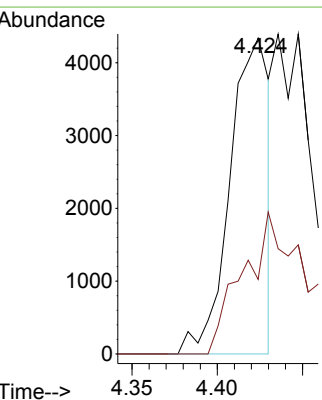
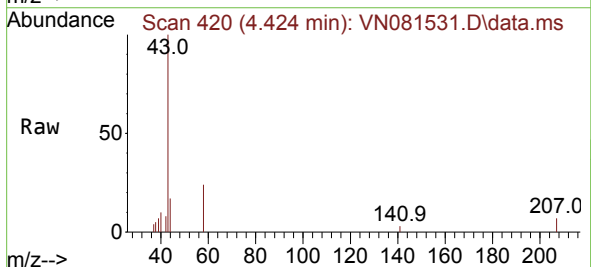
Instrument :
MSVOA_N
ClientSampleId :
S-14

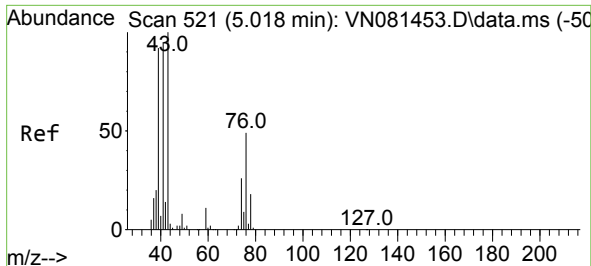
Tgt Ion: 59 Resp: 456
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 3.579 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 43 Resp: 6964
Ion Ratio Lower Upper
43 100
58 23.6 24.8 37.2#

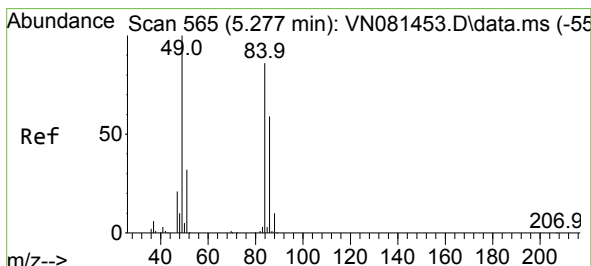
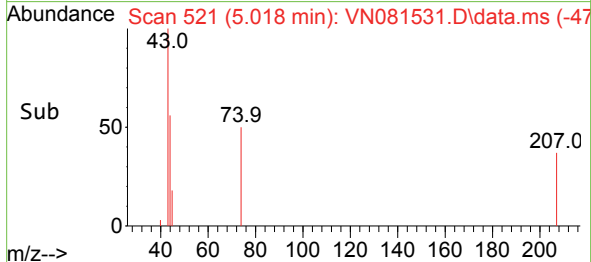
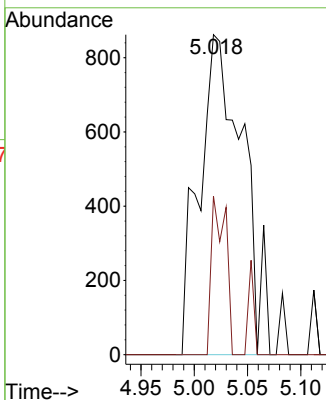
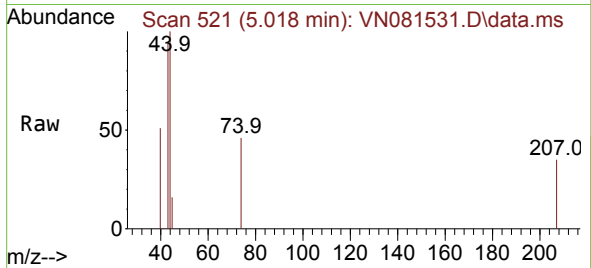




#18
Methyl Acetate
Concen: 0.409 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

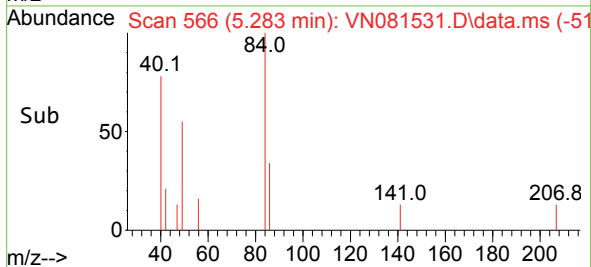
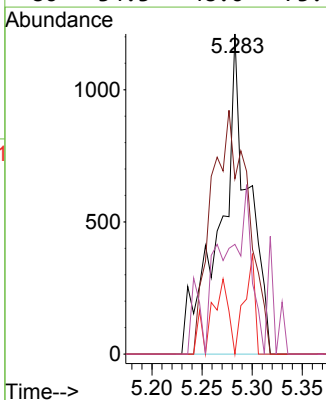
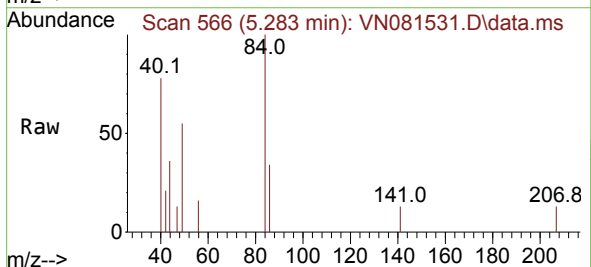
Instrument :
MSVOA_N
ClientSampleId :
S-14

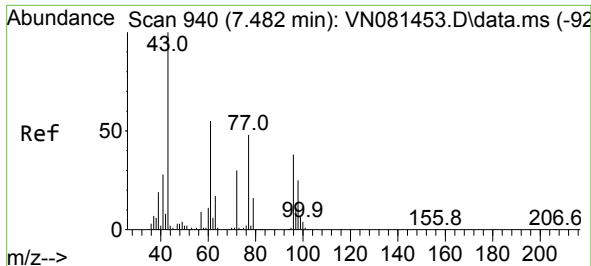
Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
74 16.2 17.3 25.9#



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 84 Resp: 2345
Ion Ratio Lower Upper
84 100
49 54.7 108.1 162.1#
51 0.0 32.9 49.3#
86 34.3 48.6 73.0#

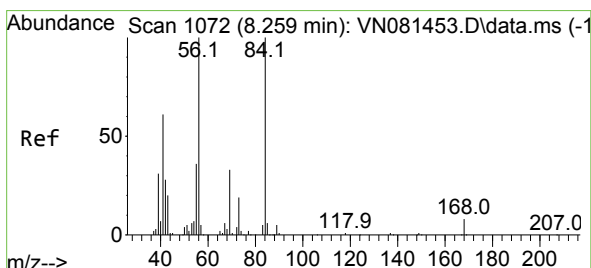
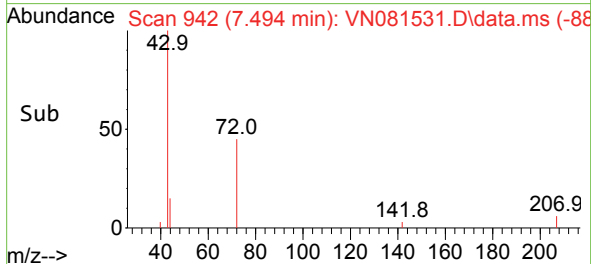
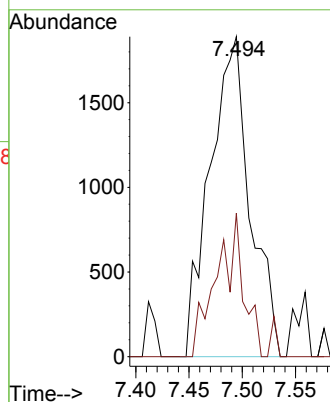
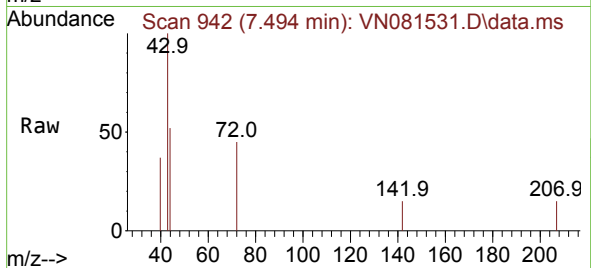




#25
2-Butanone
Concen: 1.483 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

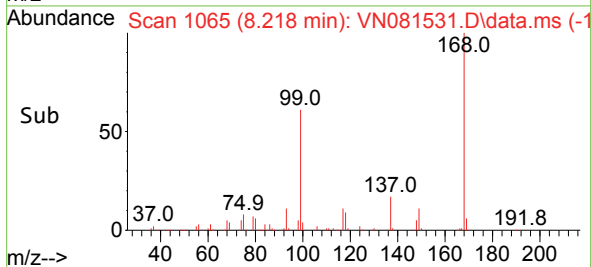
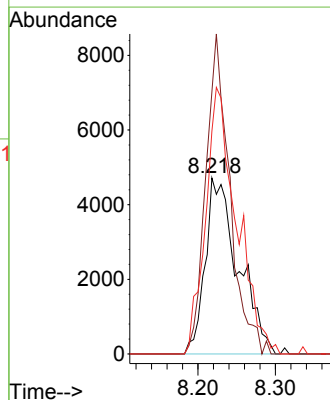
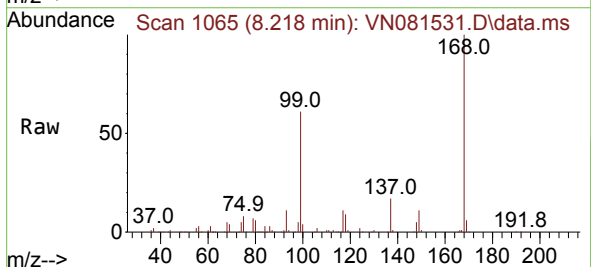
Instrument :
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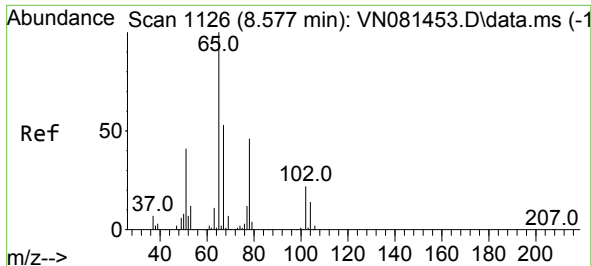
Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
72 44.9 19.5 29.3#



#31
Cyclohexane
Concen: 1.425 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 56 Resp: 13958
Ion Ratio Lower Upper
56 100
69 148.7 20.1 30.1#
84 136.1 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 49.475 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

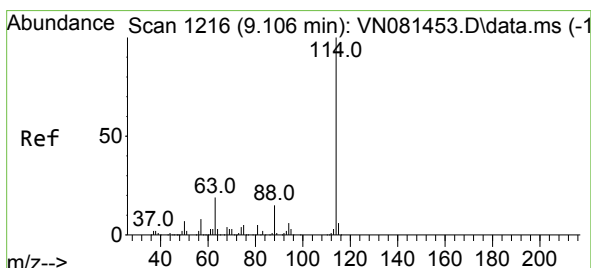
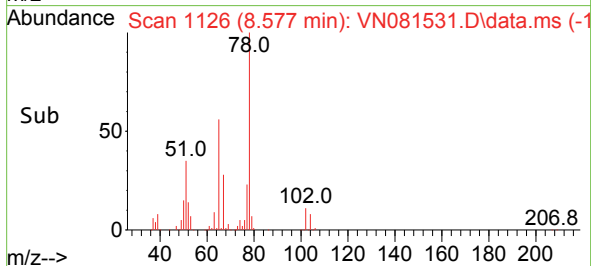
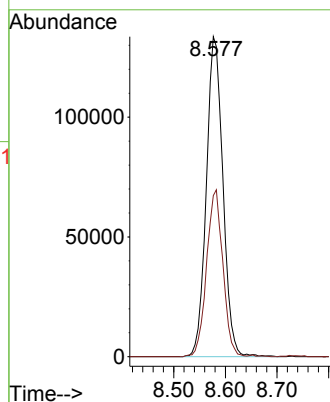
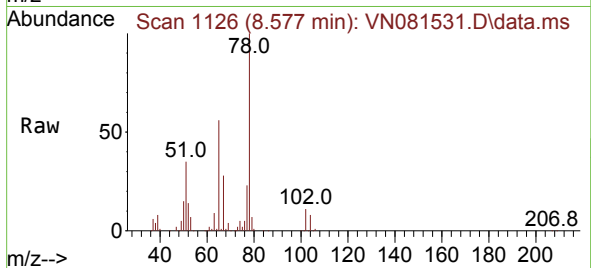
S-14

Tgt Ion: 65 Resp: 297840

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

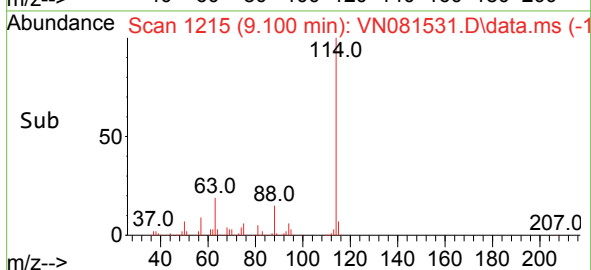
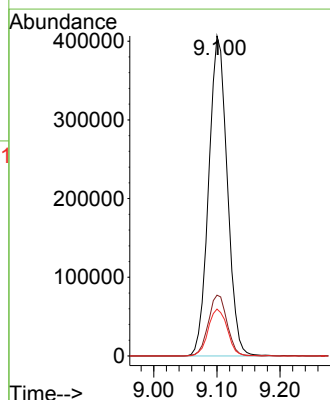
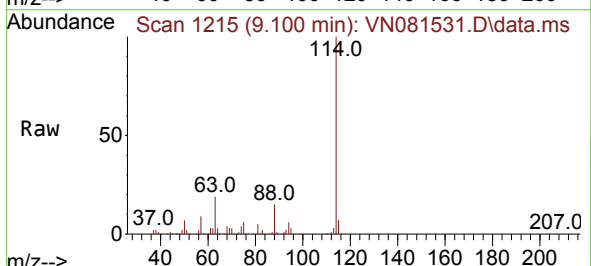
Tgt Ion: 114 Resp: 830139

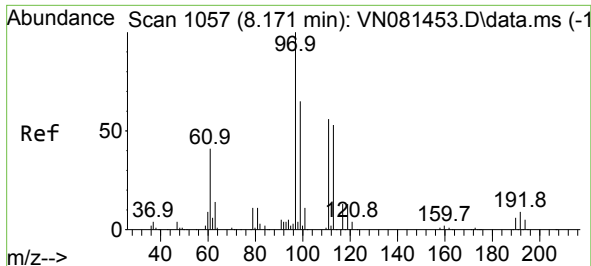
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 14.7 0.0 34.8

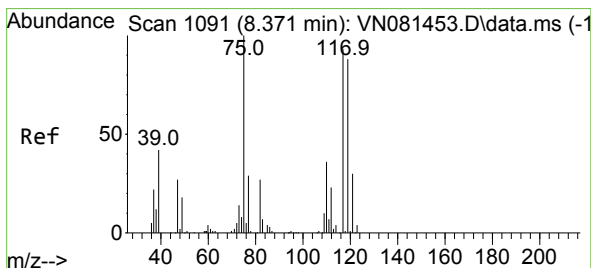
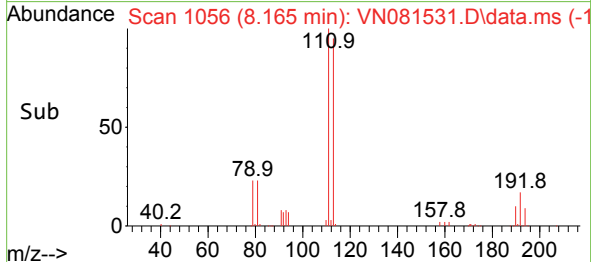
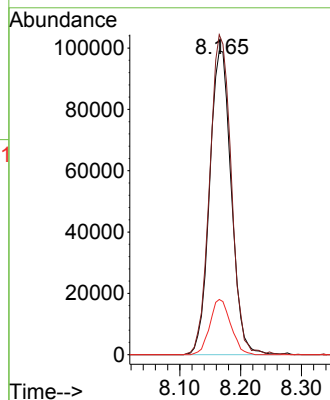
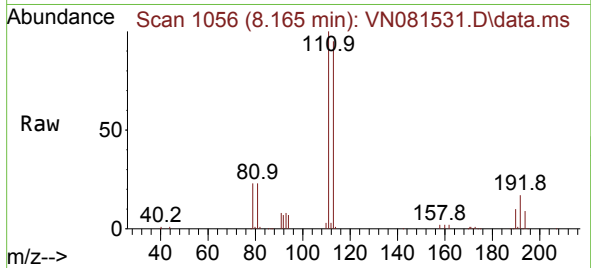




#35
Dibromofluoromethane
Concen: 46.764 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

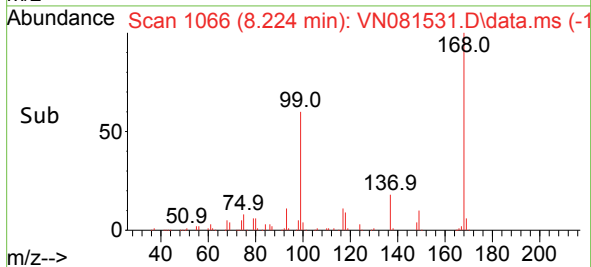
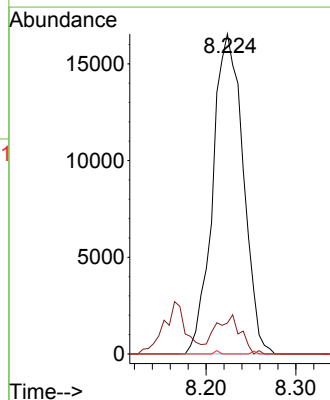
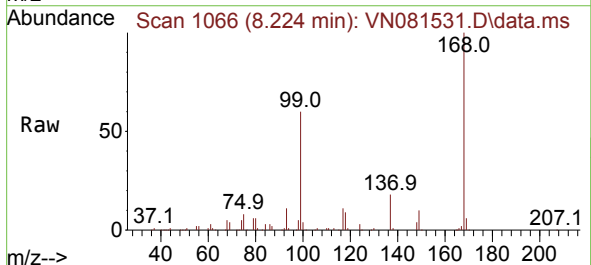
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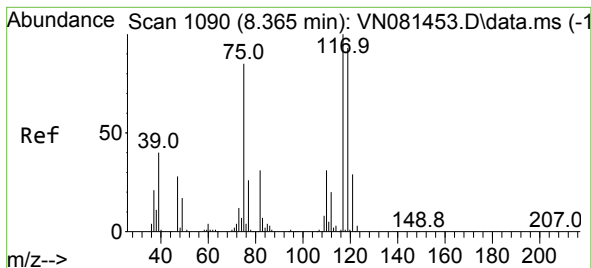
Tgt Ion:113 Resp: 244999
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 17.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 75 Resp: 39022
Ion Ratio Lower Upper
75 100
110 10.1 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.172 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

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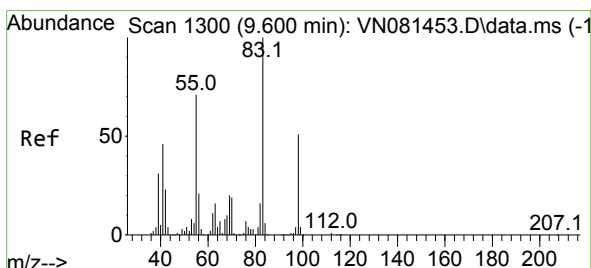
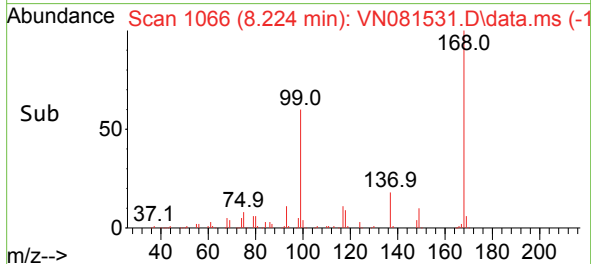
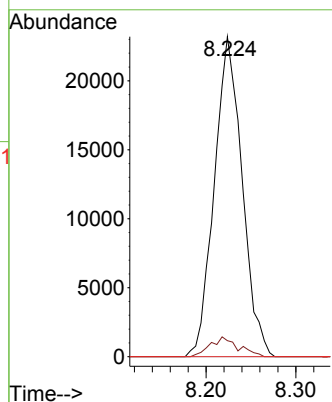
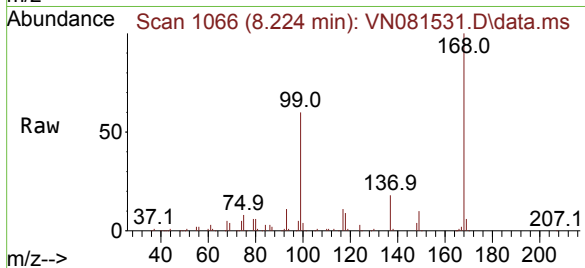
Tgt Ion:117 Resp: 49955

Ion Ratio Lower Upper

117 100

119 5.0 73.4 110.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.329 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

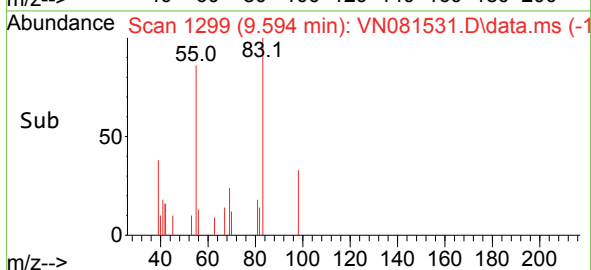
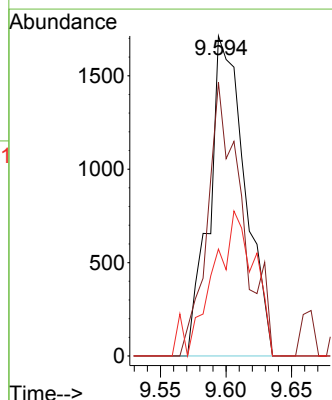
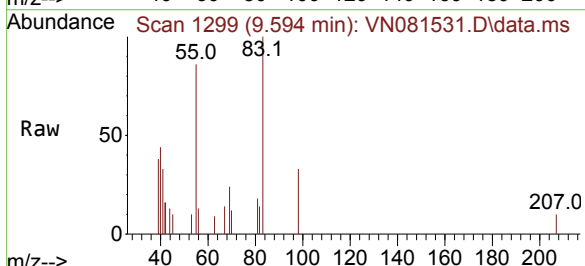
Tgt Ion: 83 Resp: 3237

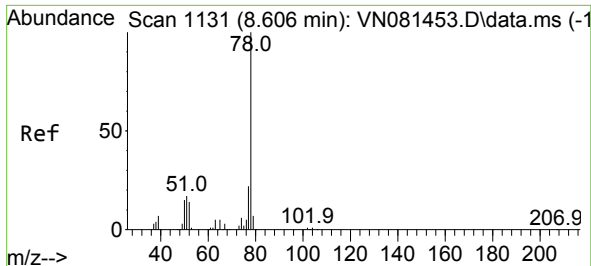
Ion Ratio Lower Upper

83 100

55 85.5 65.7 98.5

98 33.4 33.8 50.6#

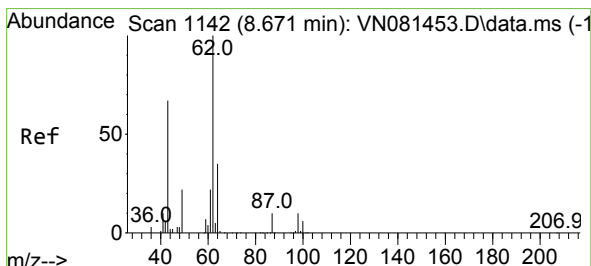
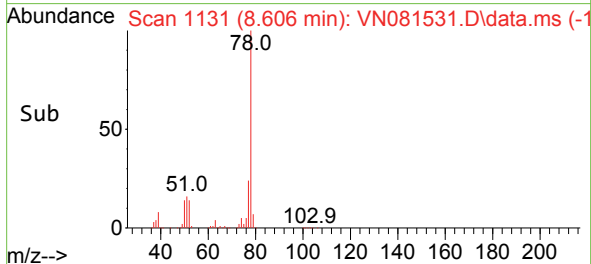
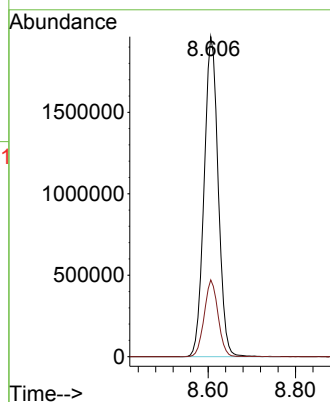
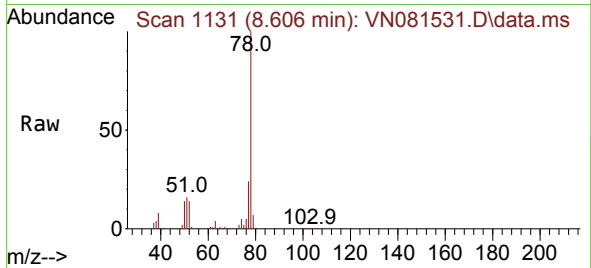




#40
Benzene
Concen: 170.786 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

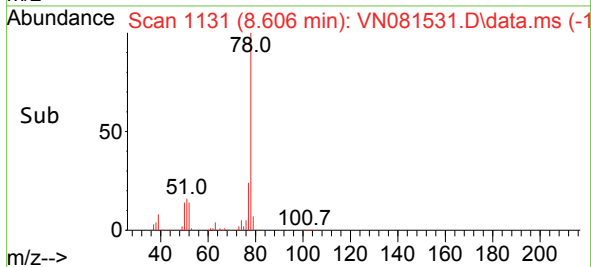
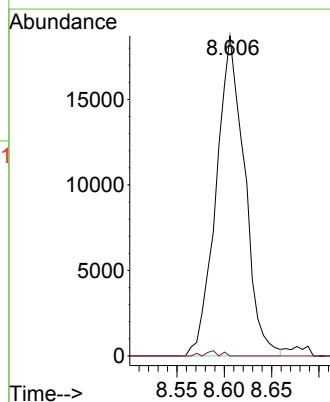
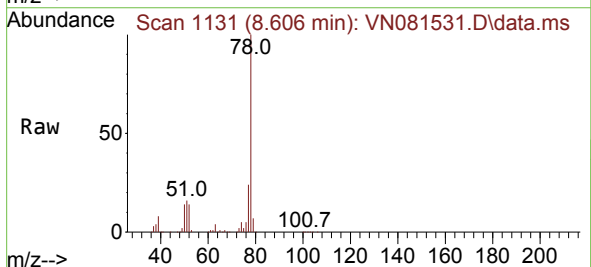
Instrument :
MSVOA_N
ClientSampleId :
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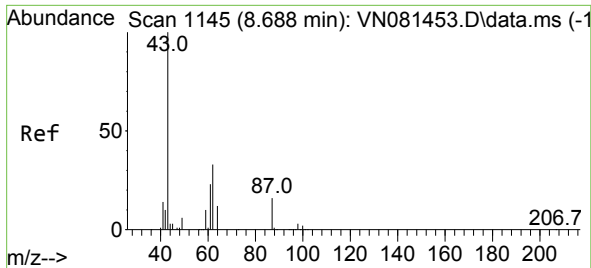
Tgt Ion: 78 Resp: 4402212
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



#42
1,2-Dichloroethane
Concen: 4.310 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.065 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 62 Resp: 39097
Ion Ratio Lower Upper
62 100
98 0.8 0.0 18.0

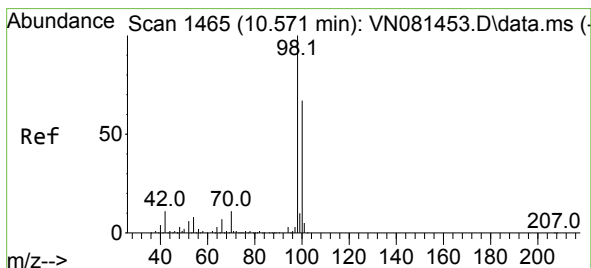
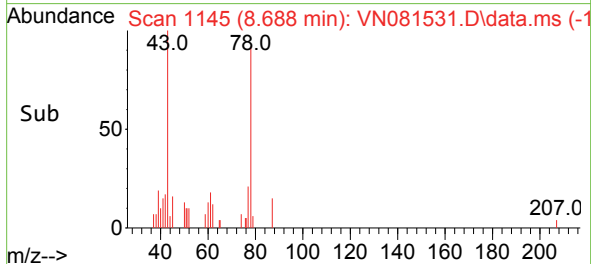
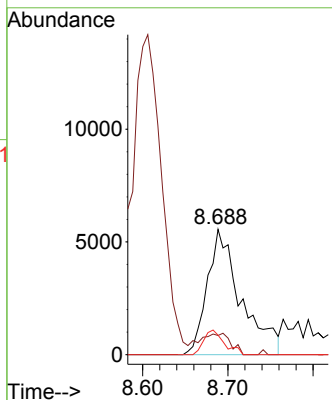
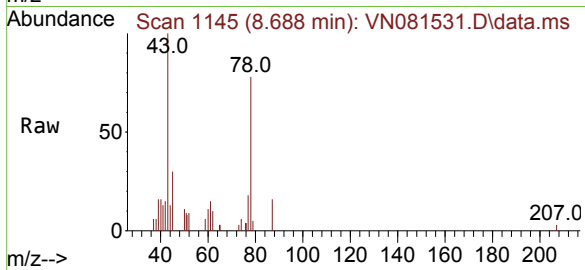




#43
Isopropyl Acetate
Concen: 1.220 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

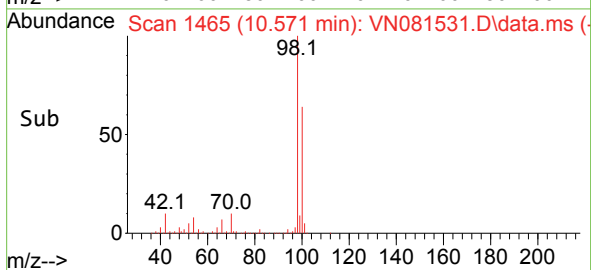
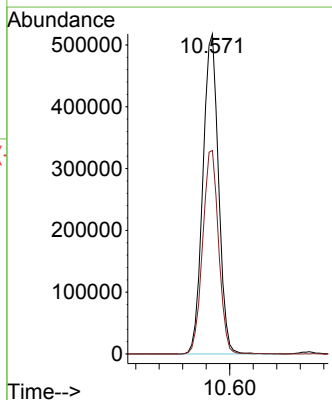
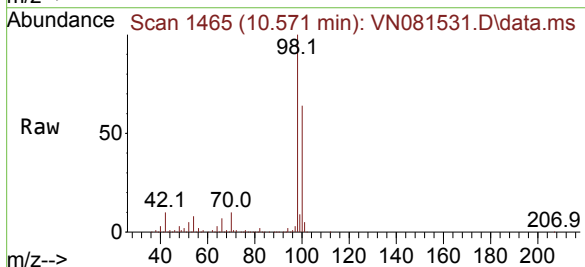
Instrument :
MSVOA_N
ClientSampleId :
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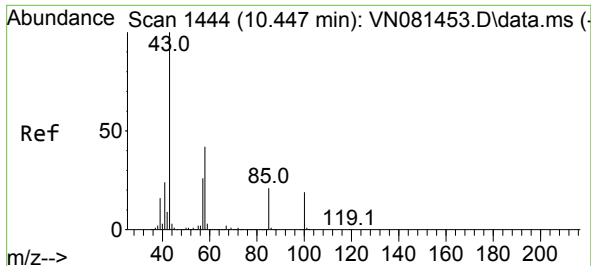
Tgt Ion: 43 Resp: 15262
Ion Ratio Lower Upper
43 100
61 15.9 19.9 29.9#
87 12.0 9.0 13.6



#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 98 Resp: 953323
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

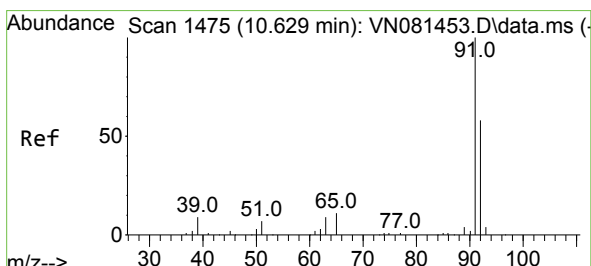
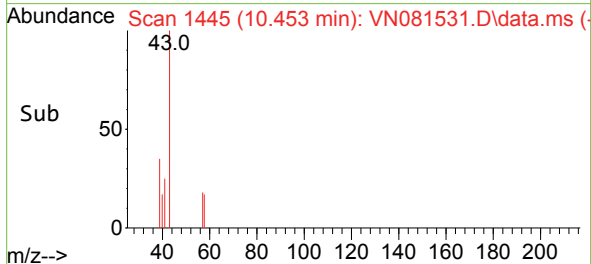
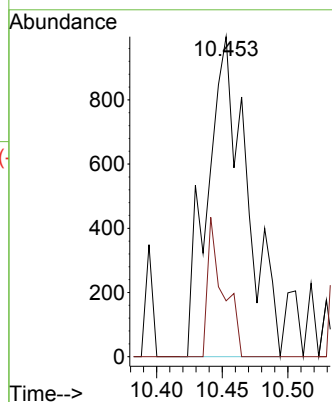
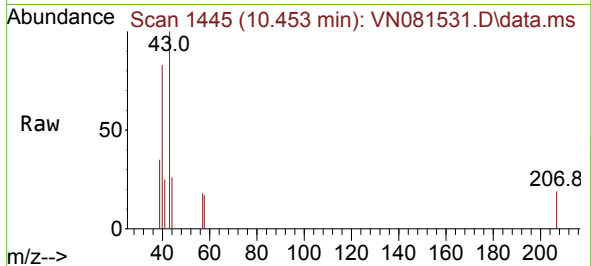




#51
4-Methyl-2-Pentanone
Concen: 0.274 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

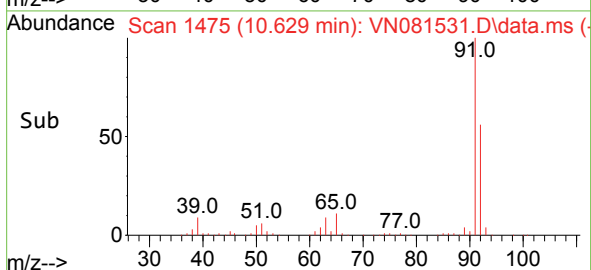
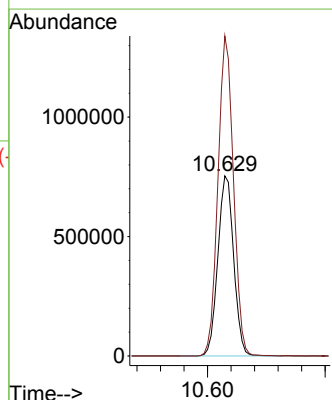
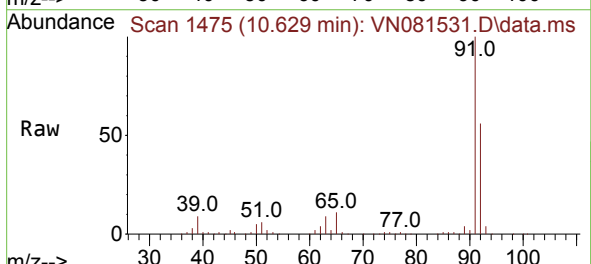
Instrument :
MSVOA_N
ClientSampleId :
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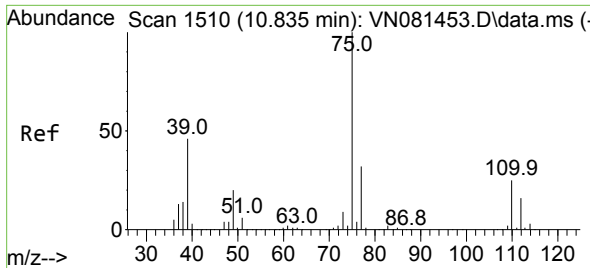
Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 17.3 29.4 44.0#



#52
Toluene
Concen: 85.931 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 92 Resp: 1407823
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0

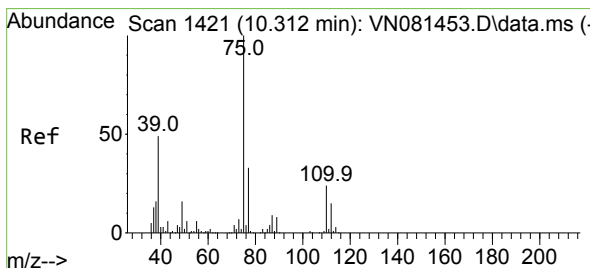
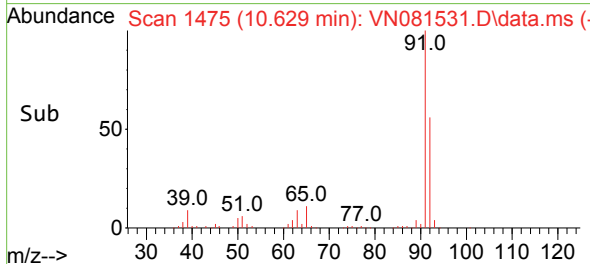
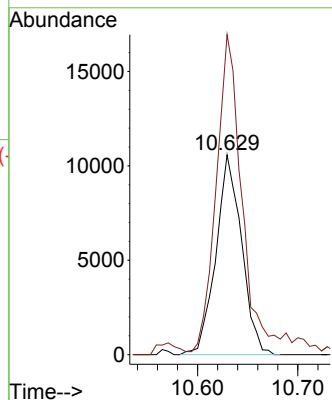
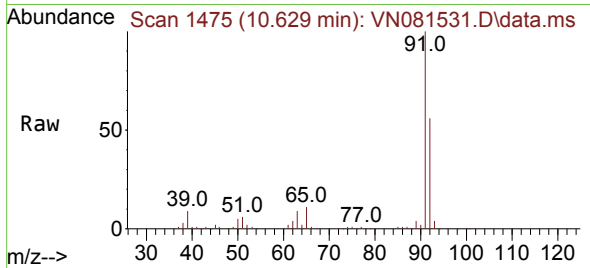




#53
 t-1,3-Dichloropropene
 Concen: 1.879 ug/l
 RT: 10.629 min Scan# 1475
 Delta R.T. -0.206 min
 Lab File: VN081531.D
 Acq: 21 Mar 2024 19:46

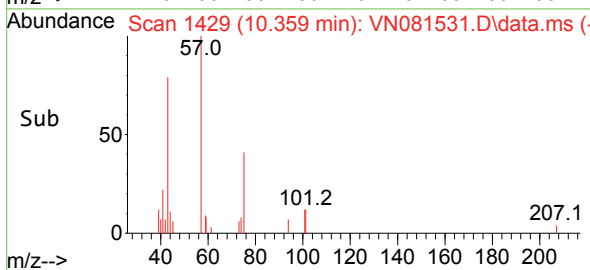
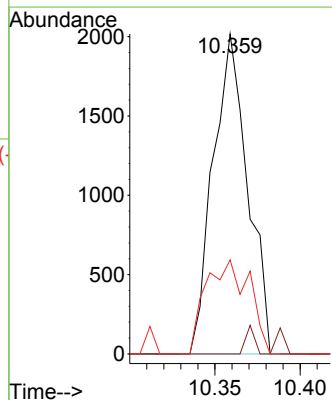
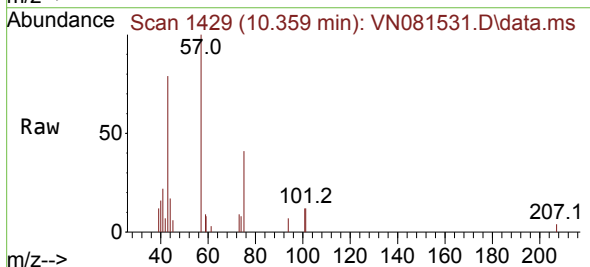
Instrument :
 MSVOA_N
 ClientSampleId :
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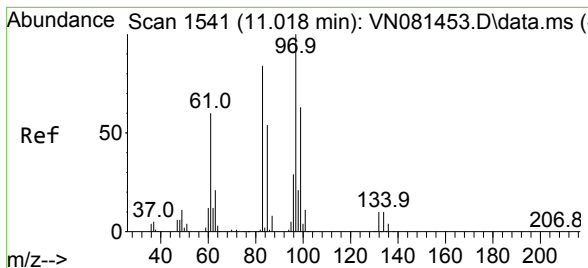
Tgt Ion: 75 Resp: 18821
 Ion Ratio Lower Upper
 75 100
 77 157.1 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 0.265 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN081531.D
 Acq: 21 Mar 2024 19:46

Tgt Ion: 75 Resp: 2842
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.3 34.9#
 39 29.4 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 2.237 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. -0.129 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 97 Resp: 14749

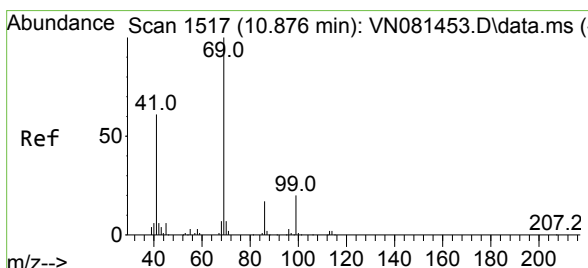
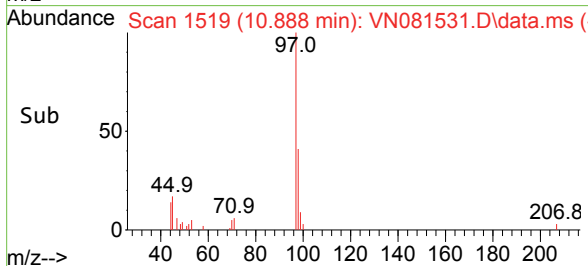
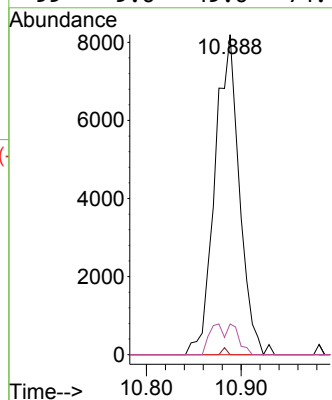
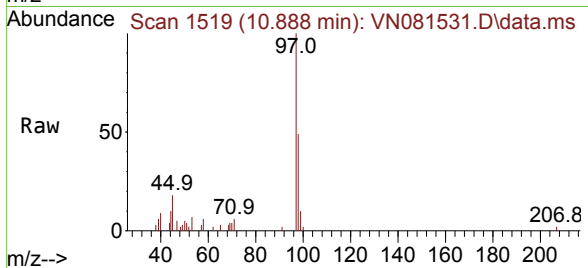
Ion Ratio Lower Upper

97 100

83 0.0 72.9 109.3#

85 0.0 50.2 75.2#

99 9.6 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.650 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

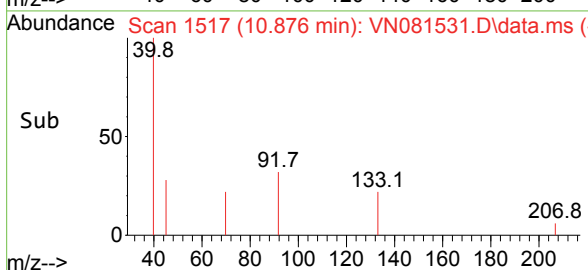
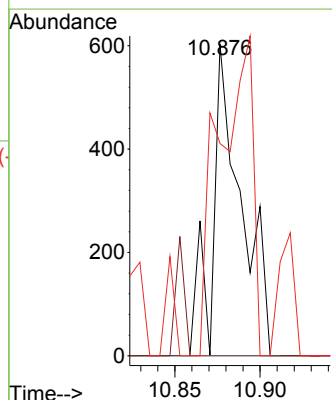
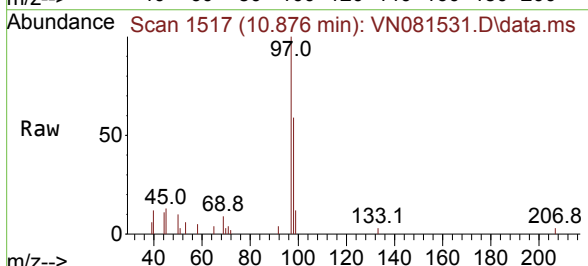
Tgt Ion: 69 Resp: 708

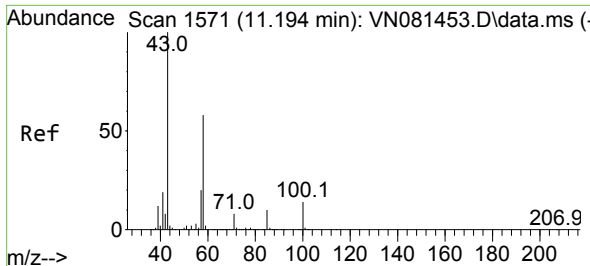
Ion Ratio Lower Upper

69 100

41 0.0 61.0 91.6#

39 0.0 31.8 47.6#

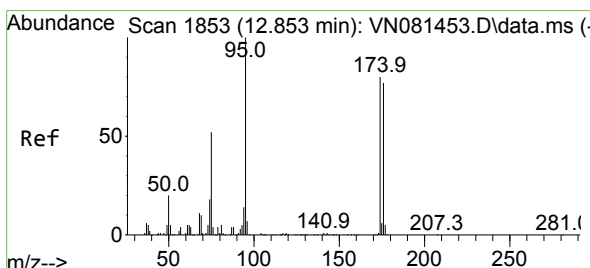
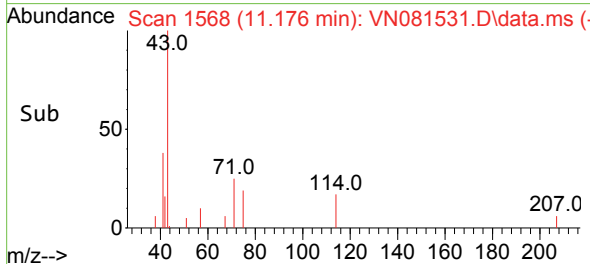
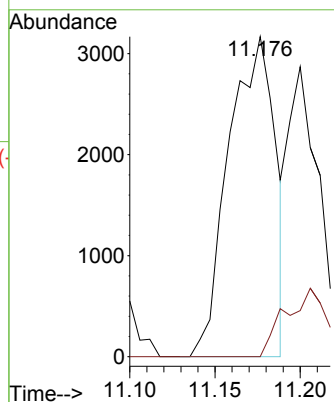
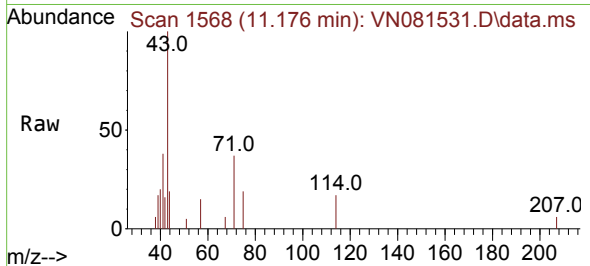




#59
2-Hexanone
Concen: 1.068 ug/l
RT: 11.176 min Scan# 1117
Delta R.T. -0.018 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

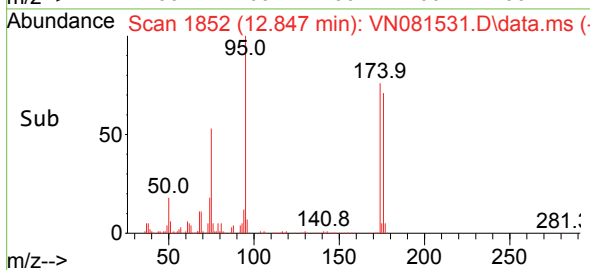
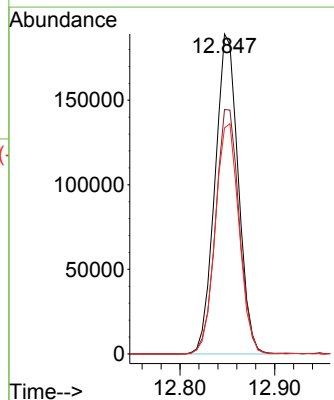
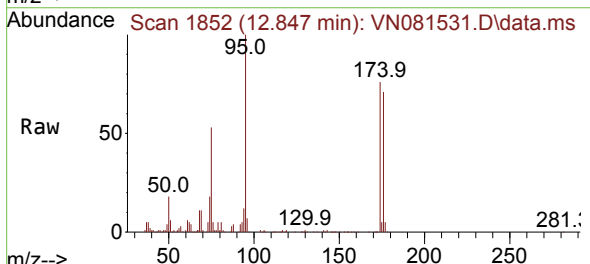
Instrument :
MSVOA_N
ClientSampleId :
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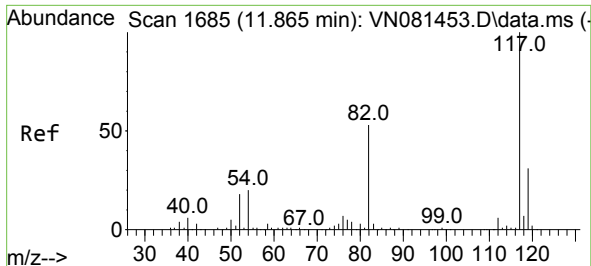
Tgt Ion: 43 Resp: 6032
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 48.360 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 95 Resp: 322713
Ion Ratio Lower Upper
95 100
174 78.1 0.0 120.4
176 73.6 0.0 121.0

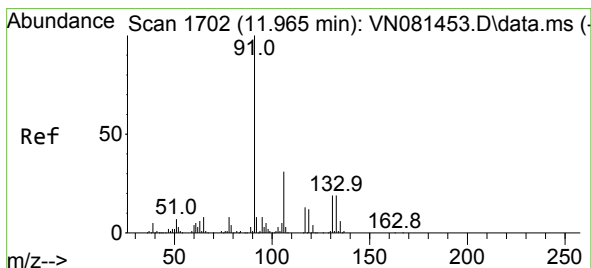
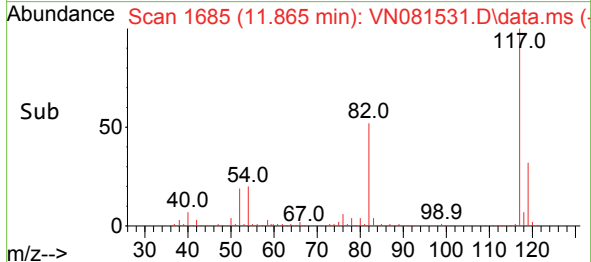
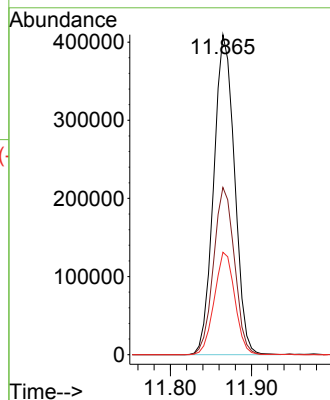
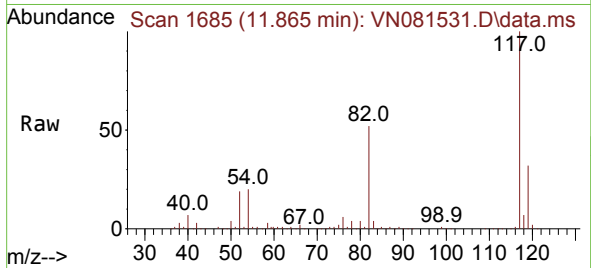




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

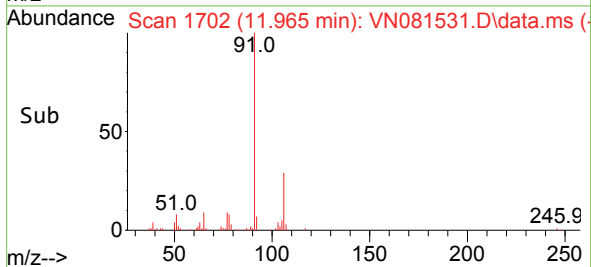
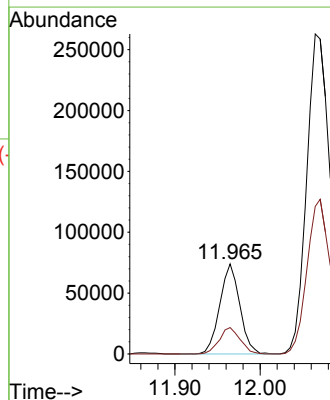
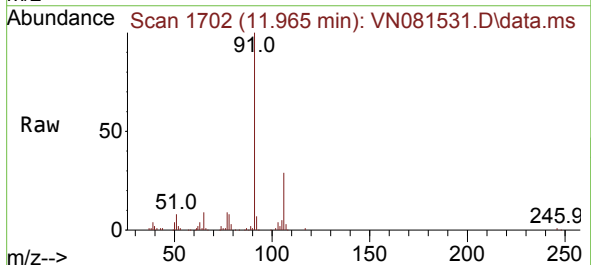
Instrument :
MSVOA_N
ClientSampleId :
S-14

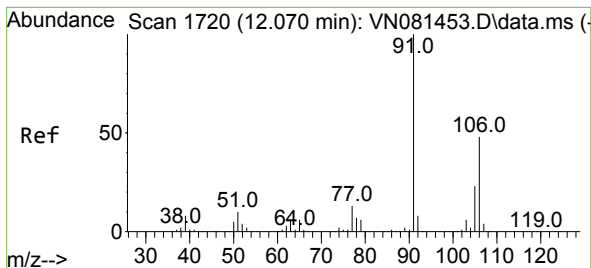
Tgt Ion:117 Resp: 730162
Ion Ratio Lower Upper
117 100
82 52.2 52.7 79.1#
119 32.0 25.3 37.9



#67
Ethyl Benzene
Concen: 4.027 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 91 Resp: 120743
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6

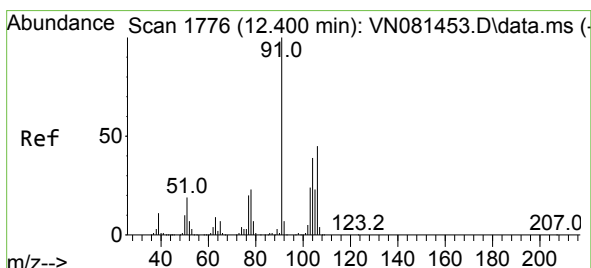
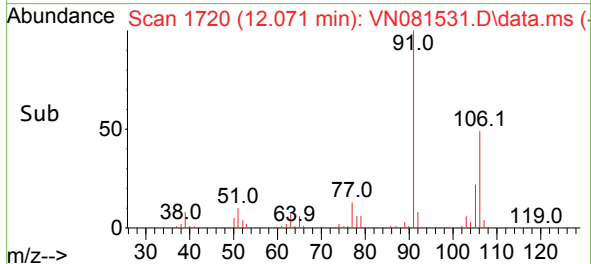
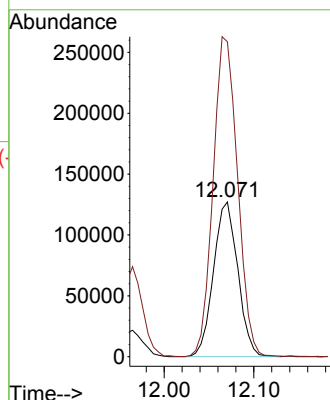
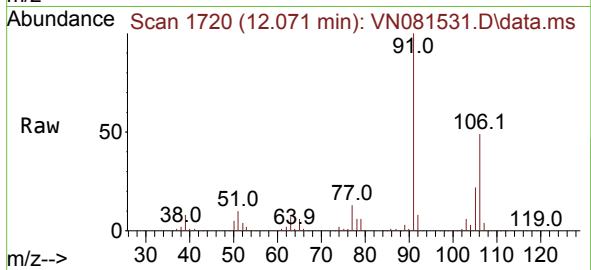




#68
m/p-Xylenes
Concen: 21.233 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

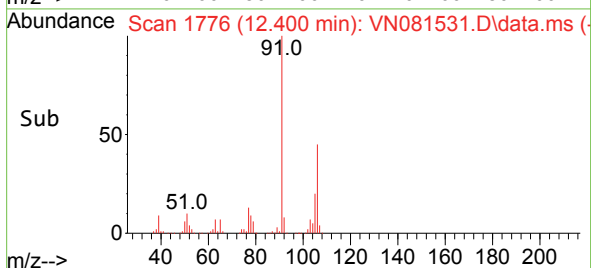
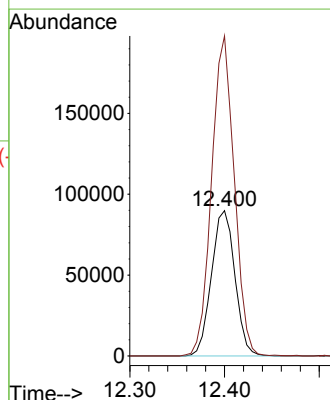
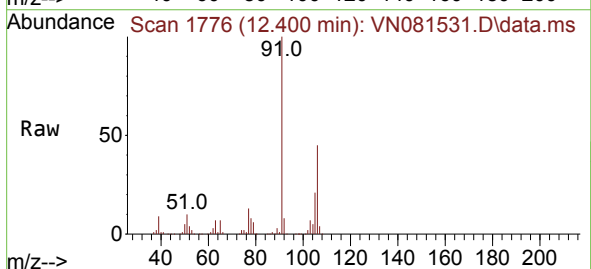
Instrument :
MSVOA_N
ClientSampleId :
S-14

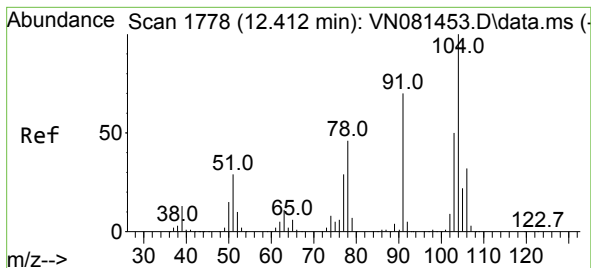
Tgt Ion:106 Resp: 238666
Ion Ratio Lower Upper
106 100
91 208.1 169.0 253.6



#69
o-Xylene
Concen: 14.018 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion:106 Resp: 154691
Ion Ratio Lower Upper
106 100
91 213.2 112.1 336.3





#70

Styrene

Concen: 1.405 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

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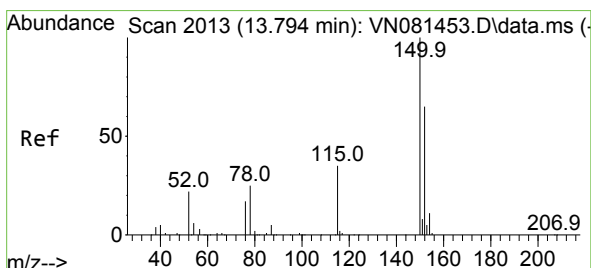
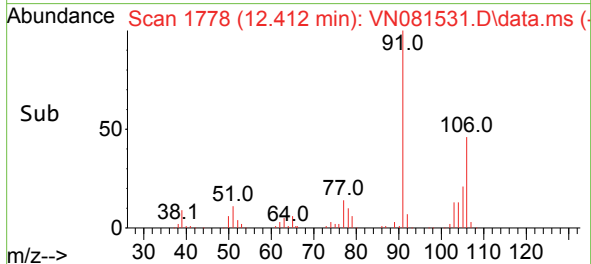
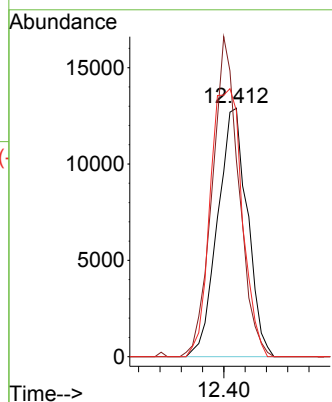
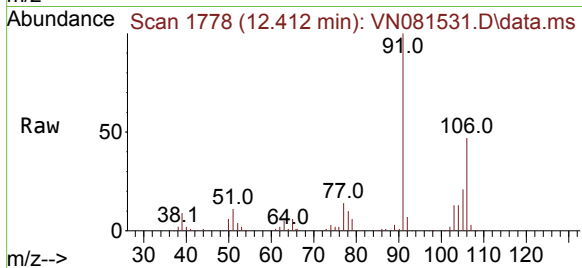
Tgt Ion:104 Resp: 25006

Ion Ratio Lower Upper

104 100

78 115.5 43.8 65.8#

103 116.2 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: VN081531.D

Acq: 21 Mar 2024 19:46

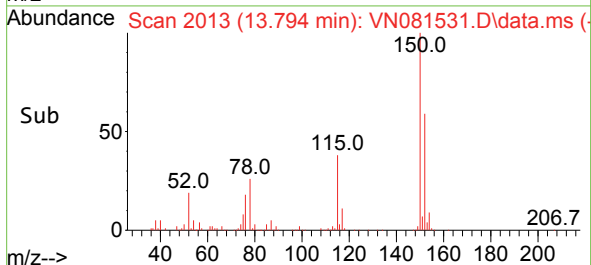
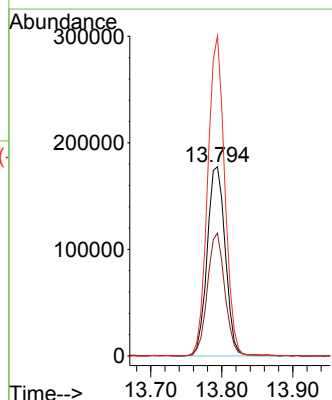
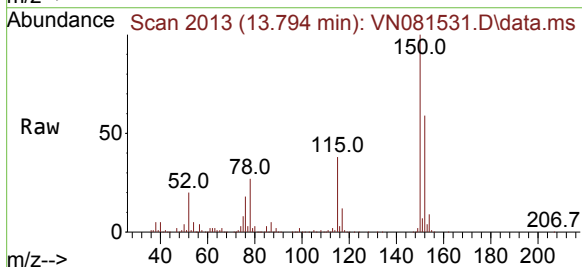
Tgt Ion:152 Resp: 315207

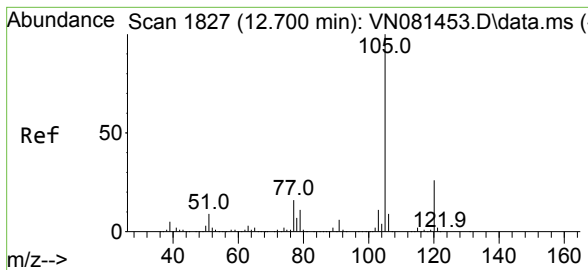
Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 159.1 0.0 339.8





#73

Isopropylbenzene

Concen: 0.245 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.012 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

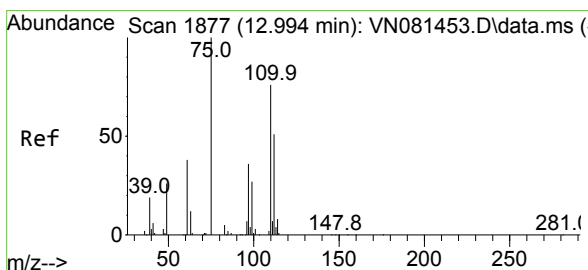
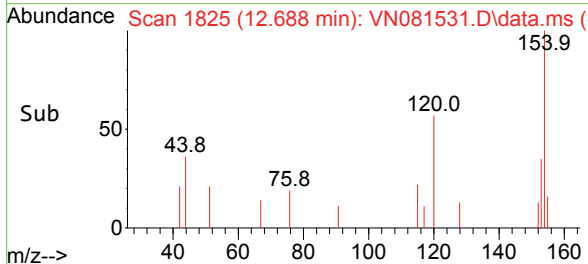
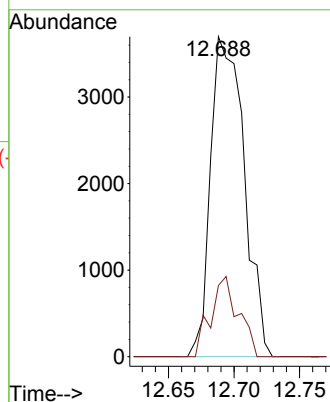
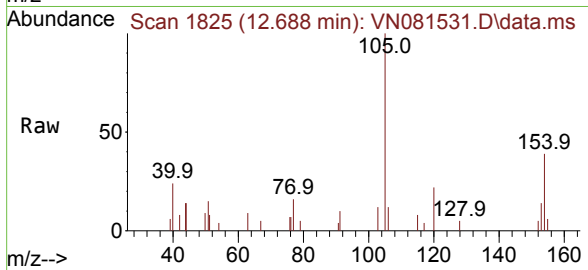
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Tgt Ion:105 Resp: 6572

Ion Ratio Lower Upper

105 100

120 20.7 12.6 37.6



#76

1,2,3-Trichloropropane

Concen: 22.486 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081531.D

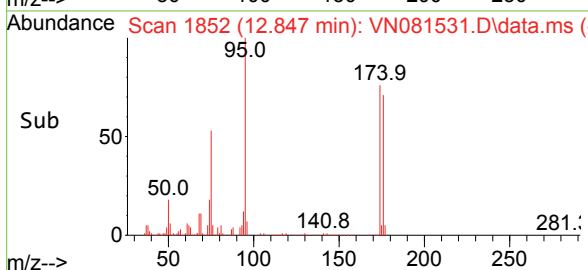
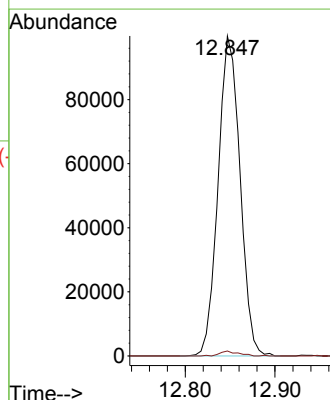
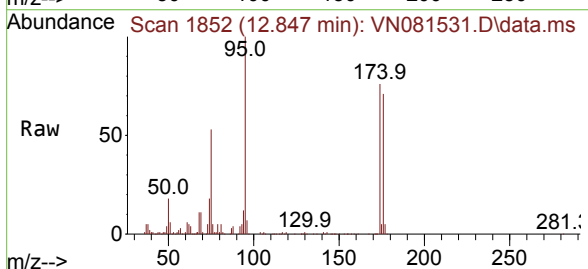
Acq: 21 Mar 2024 19:46

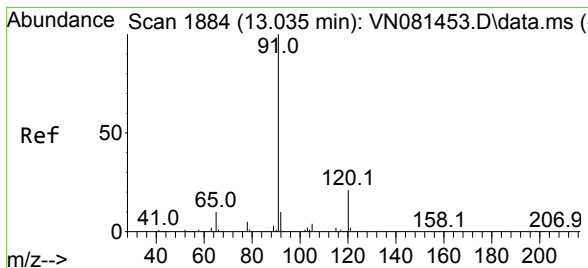
Tgt Ion: 75 Resp: 169545

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#





#78

n-propylbenzene

Concen: 0.332 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

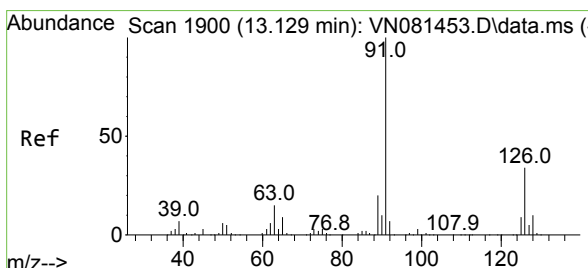
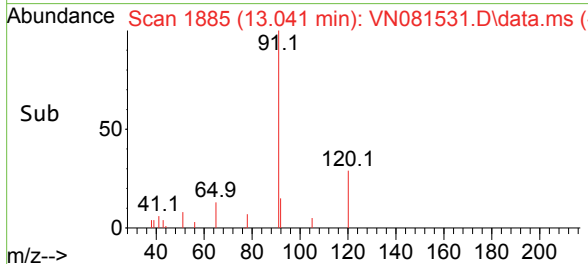
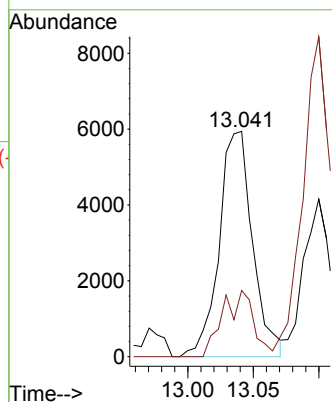
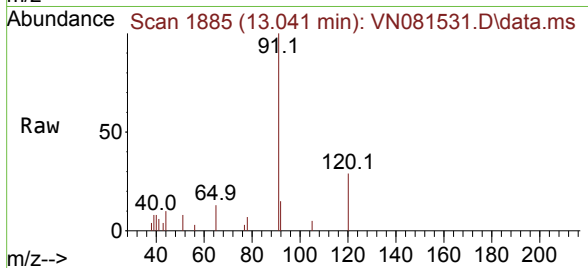
S-14

Tgt Ion: 91 Resp: 10521

Ion Ratio Lower Upper

91 100

120 27.2 10.3 30.9



#79

2-Chlorotoluene

Concen: 0.388 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN081531.D

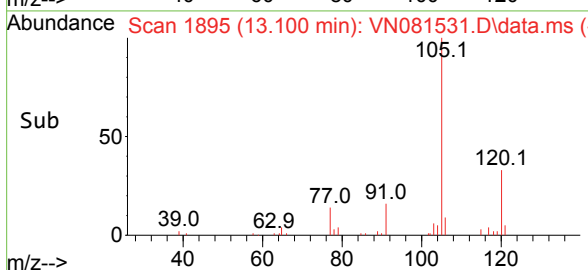
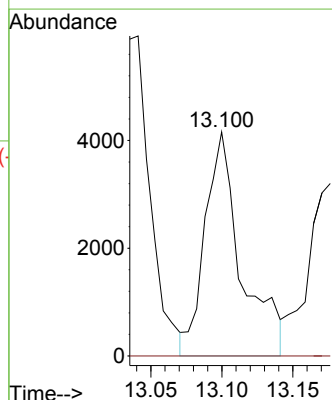
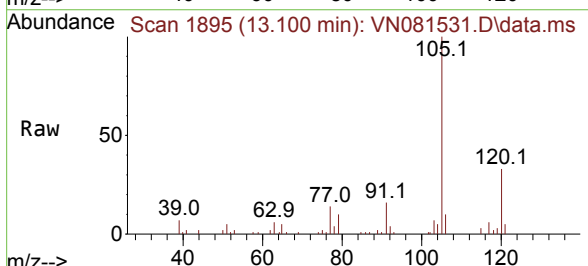
Acq: 21 Mar 2024 19:46

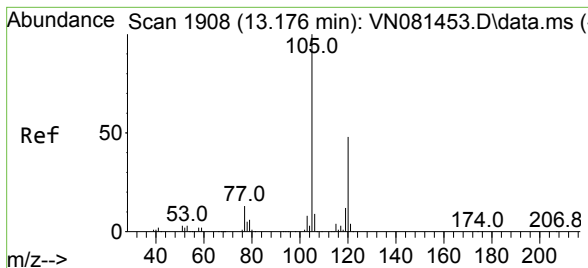
Tgt Ion: 91 Resp: 7371

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#





#80

1,3,5-Trimethylbenzene

Concen: 2.179 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

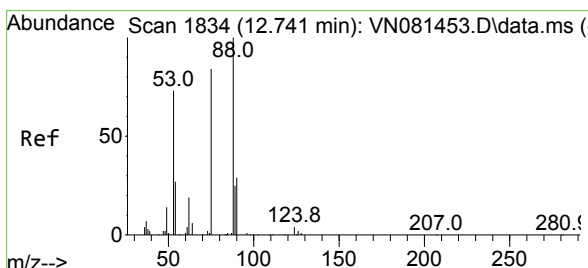
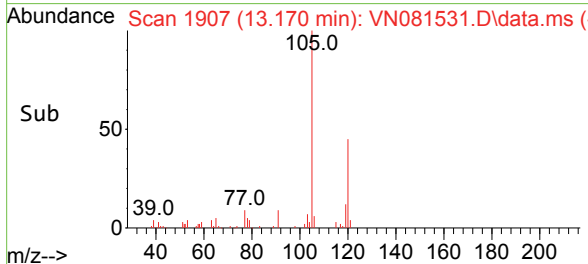
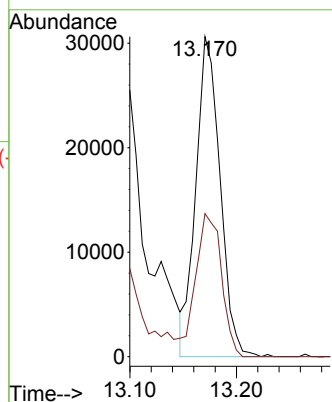
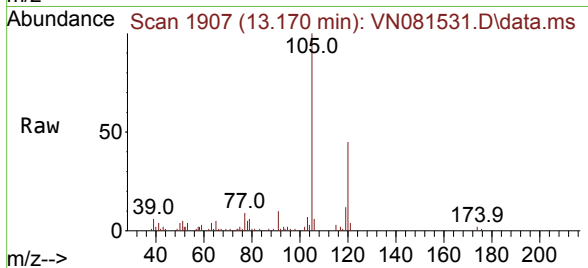
S-14

Tgt Ion:105 Resp: 48358

Ion Ratio Lower Upper

105 100

120 48.5 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 60.765 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

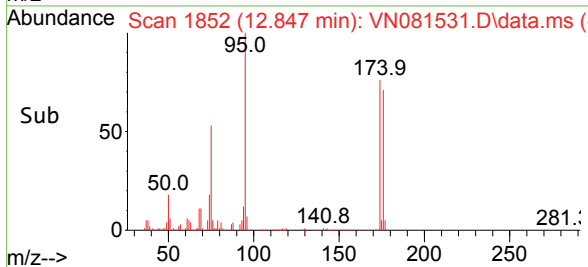
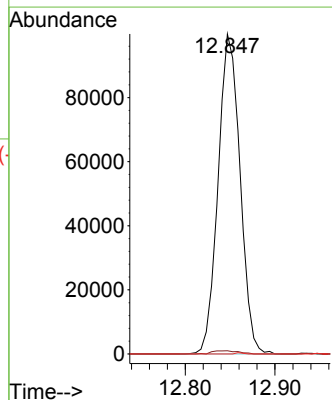
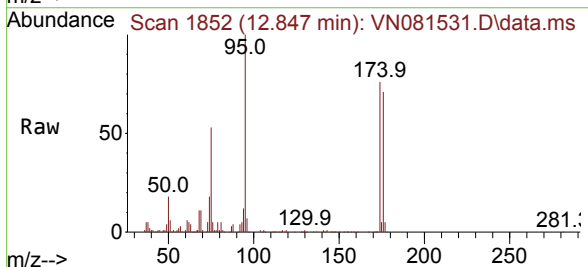
Tgt Ion: 75 Resp: 169545

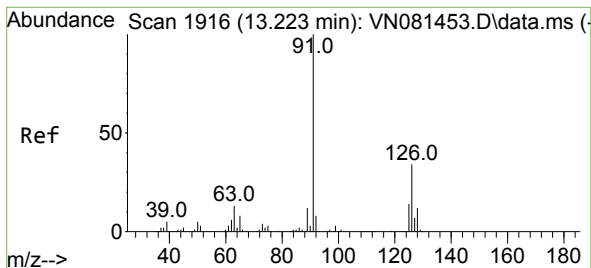
Ion Ratio Lower Upper

75 100

53 1.2 71.4 107.2#

89 0.1 33.4 50.0#





#82

4-Chlorotoluene

Concen: 0.289 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

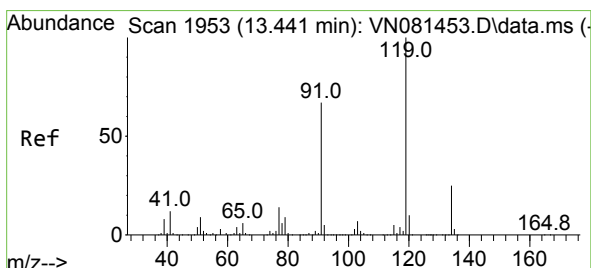
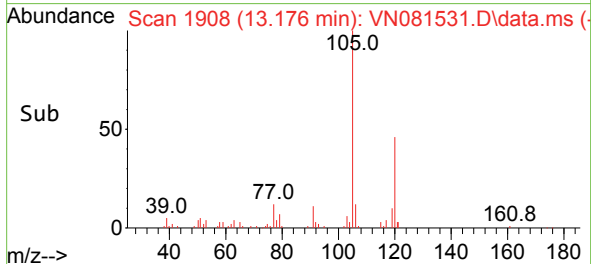
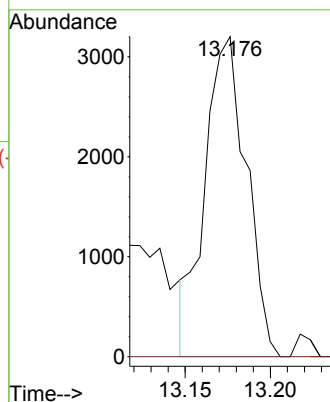
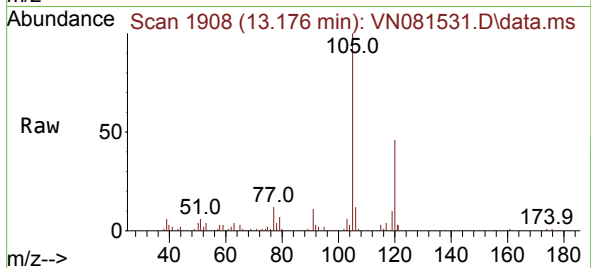
S-14

Tgt Ion: 91 Resp: 5402

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#83

tert-Butylbenzene

Concen: 0.848 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

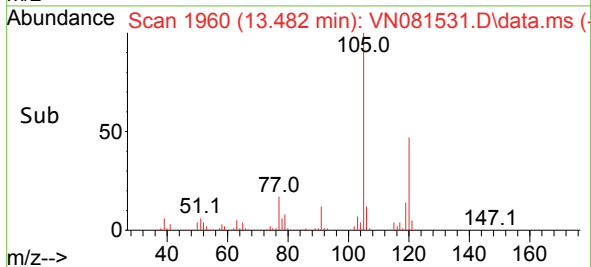
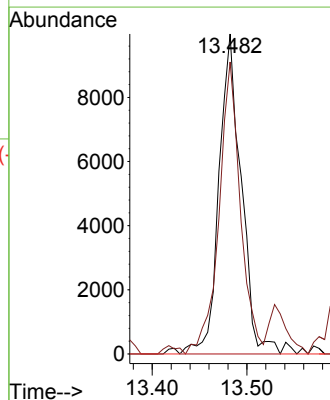
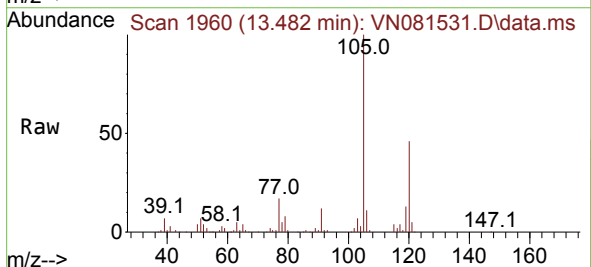
Tgt Ion: 119 Resp: 16226

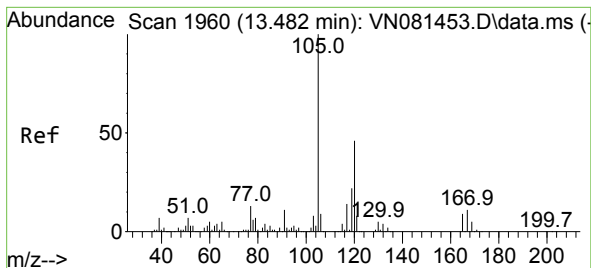
Ion Ratio Lower Upper

119 100

91 88.5 36.8 110.4

134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 6.041 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

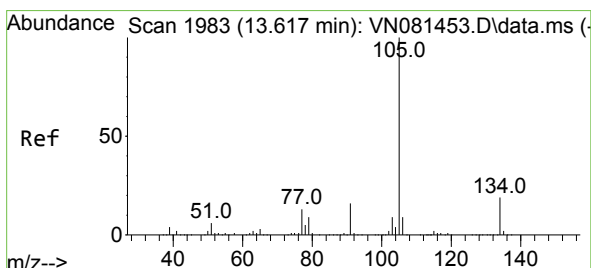
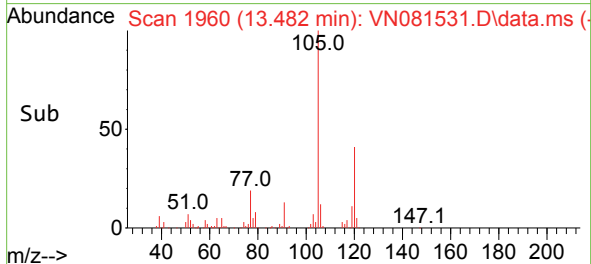
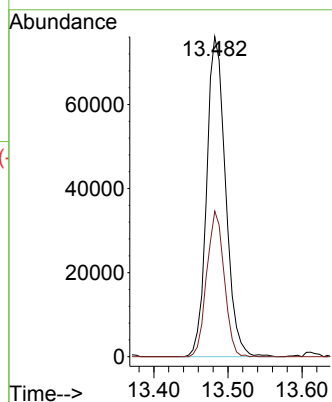
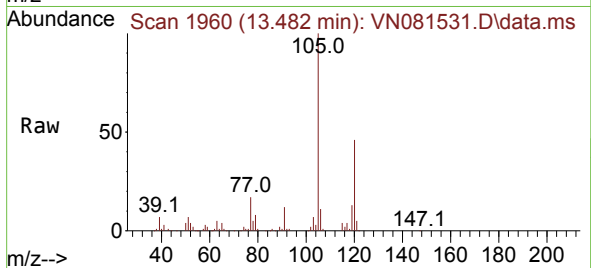
S-14

Tgt Ion:105 Resp: 134745

Ion Ratio Lower Upper

105 100

120 42.1 20.9 62.7



#85

sec-Butylbenzene

Concen: 4.925 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081531.D

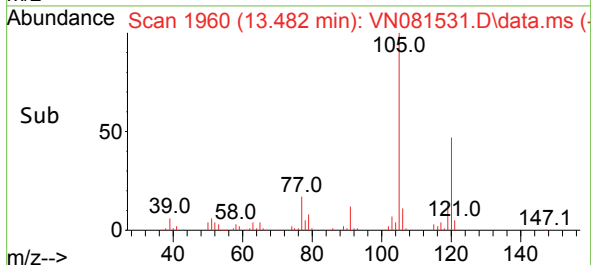
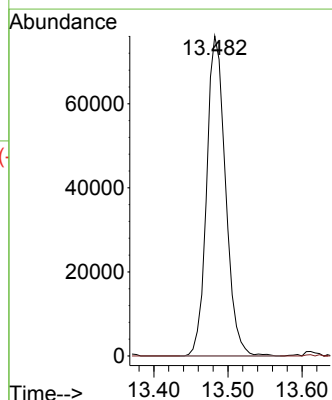
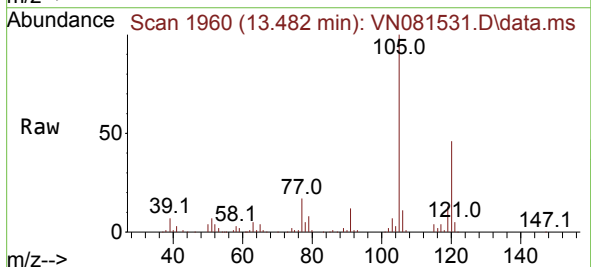
Acq: 21 Mar 2024 19:46

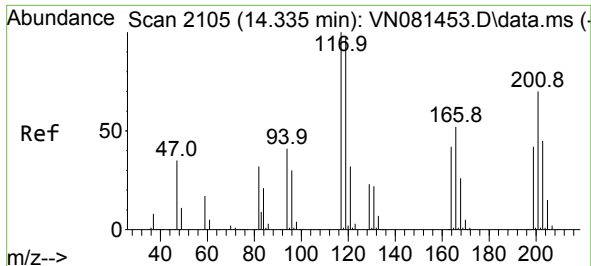
Tgt Ion:105 Resp: 134745

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#

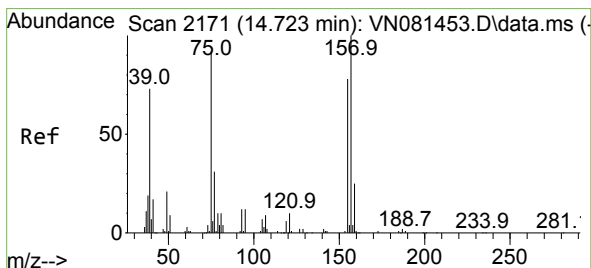
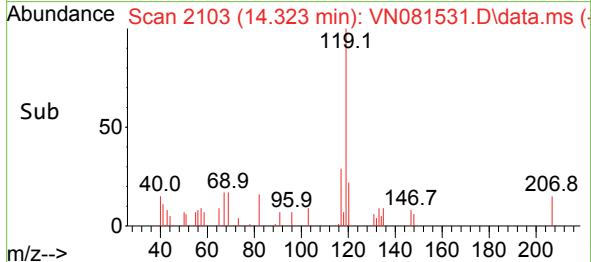
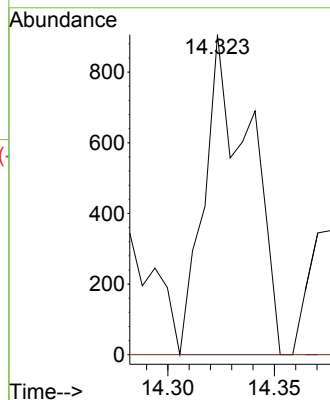
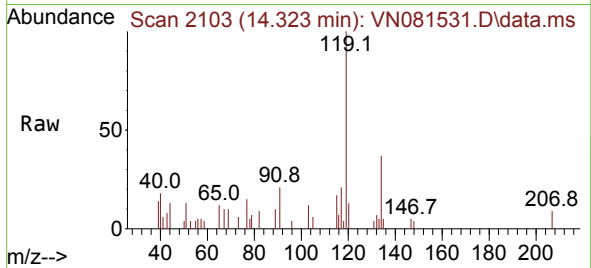




#90
Hexachloroethane
Concen: 0.319 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

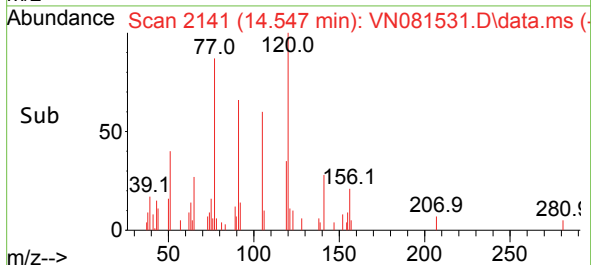
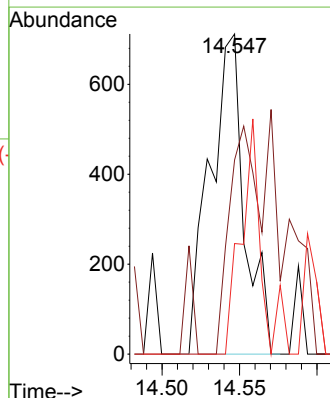
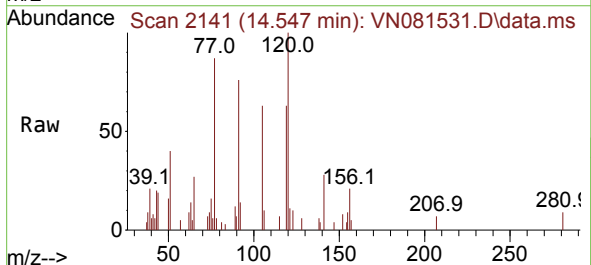
Instrument :
MSVOA_N
ClientSampleId :
S-14

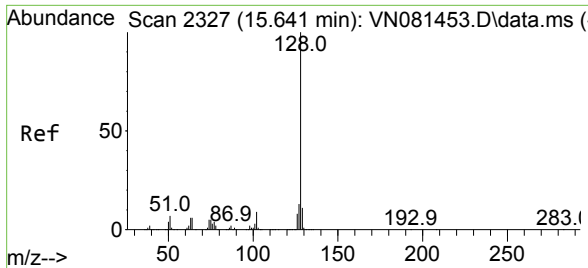
Tgt Ion:117 Resp: 1349
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.654 ug/l
RT: 14.547 min Scan# 2141
Delta R.T. -0.176 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

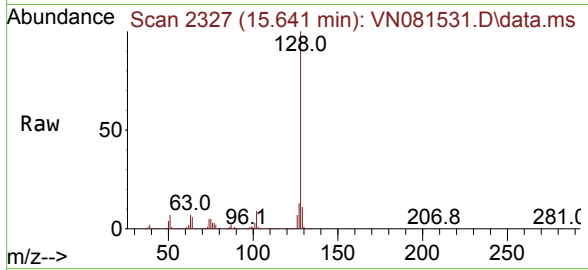
Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
155 59.5 31.8 95.4
157 42.6 41.1 123.4





#95
Naphthalene
Concen: 101.590 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
S-14



Tgt Ion:128 Resp: 2234033

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.8	8.7	13.1

