

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081575.D
 Acq On : 26 Mar 2024 12:52
 Operator : JC\MD
 Sample : VN0326WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Quant Time: Mar 27 04:35:20 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)

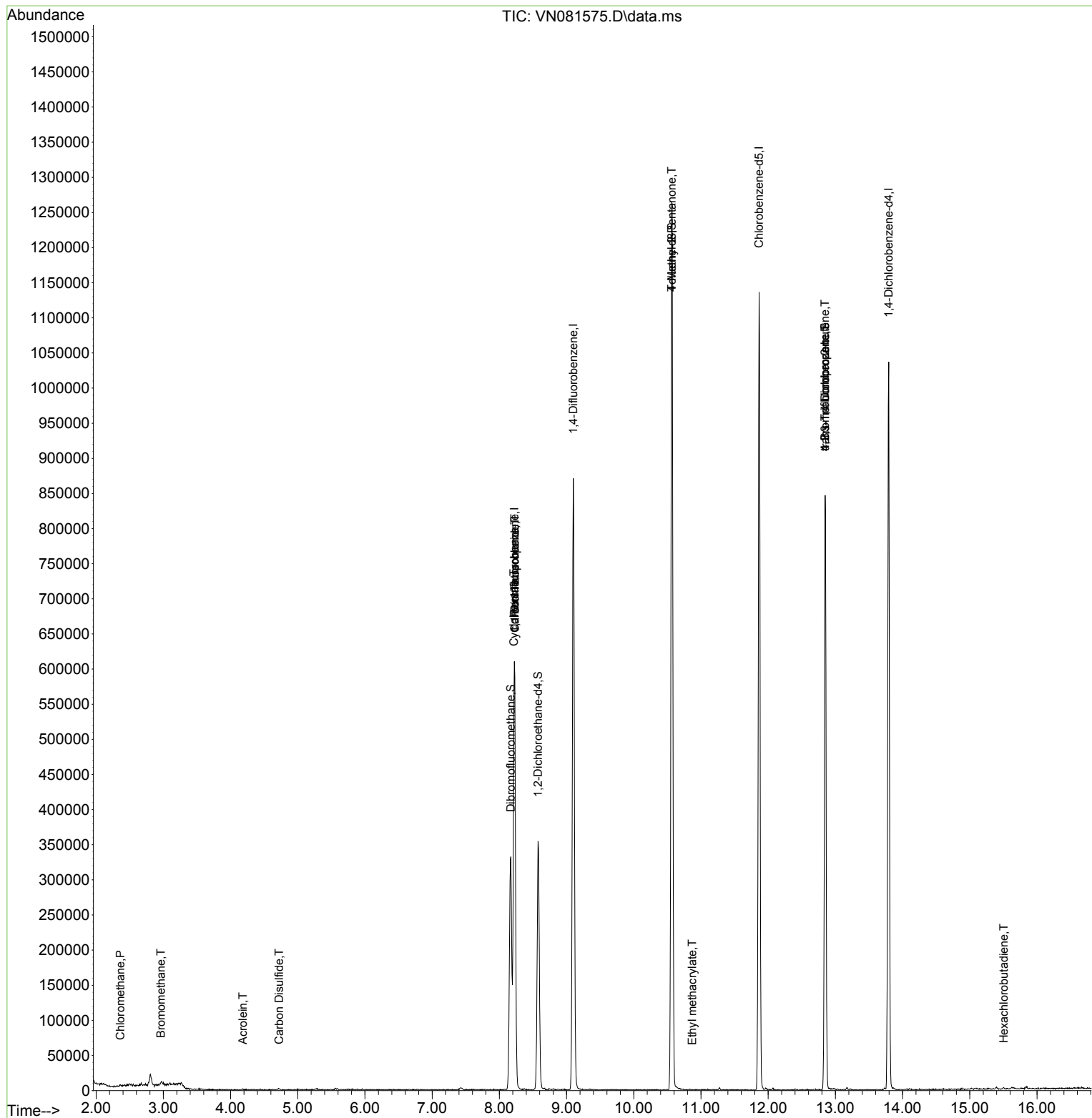
Internal Standards						
1) Pentafluorobenzene	8.224	168	449873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	785910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	685261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	284382	49.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	8.171	113	243477	49.089	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	10.565	98	924738	51.577	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.160%		
62) 4-Bromofluorobenzene	12.847	95	291657	46.166	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	92.340%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1464	0.243	ug/l	95
5) Bromomethane	2.965	94	2932	0.613	ug/l #	55
13) Acrolein	4.183	56	394	0.439	ug/l #	33
17) Carbon Disulfide	4.724	76	3409	0.224	ug/l #	78
31) Cyclohexane	8.218	56	10213	1.094	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	36617	4.387	ug/l #	52
38) Carbon Tetrachloride	8.230	117	47016	5.142	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3769	0.521	ug/l #	1
56) Ethyl methacrylate	10.871	69	53	0.577	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	151813	22.900	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	151813	61.883	ug/l #	14
94) Hexachlorobutadiene	15.506	225	540	0.206	ug/l #	45

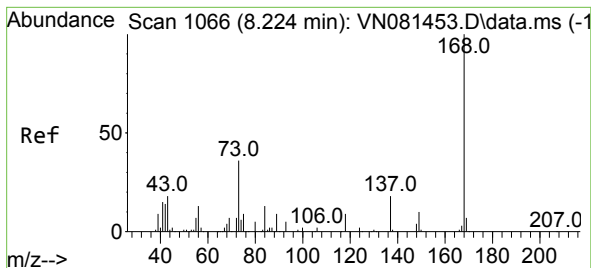
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081575.D

Acq: 26 Mar 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

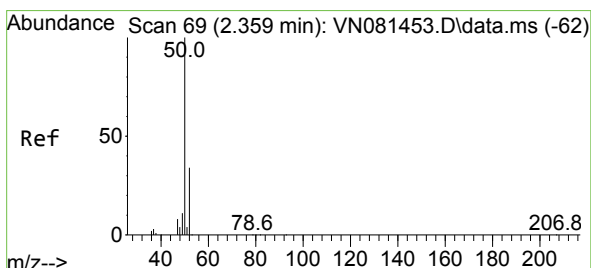
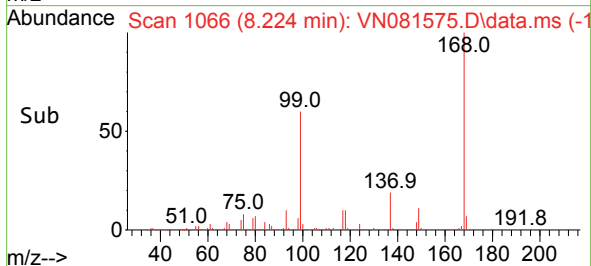
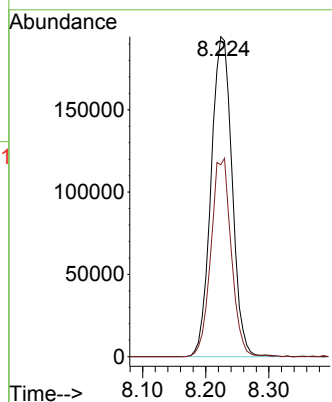
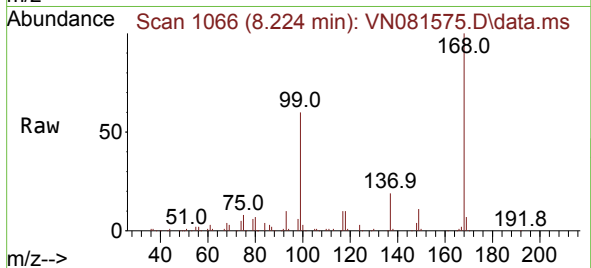
VN0326WBL01

Tgt Ion:168 Resp: 449873

Ion Ratio Lower Upper

168 100

99 60.0 59.9 89.9



#3

Chloromethane

Concen: 0.243 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081575.D

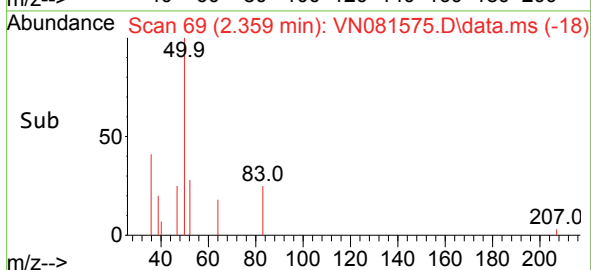
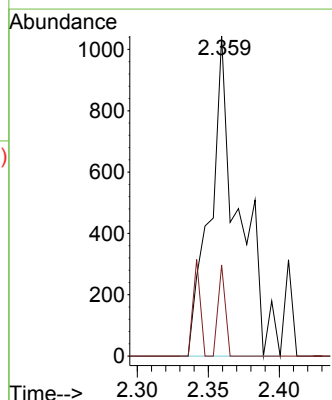
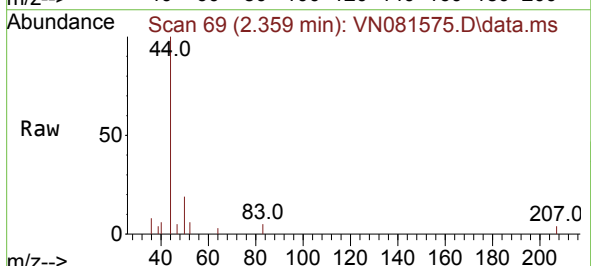
Acq: 26 Mar 2024 12:52

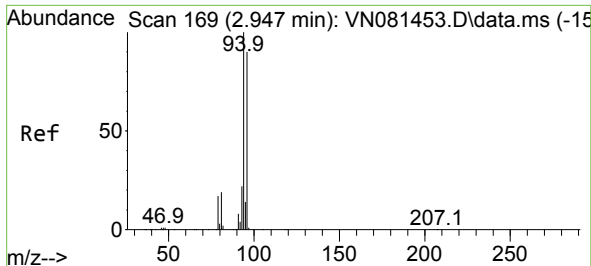
Tgt Ion: 50 Resp: 1464

Ion Ratio Lower Upper

50 100

52 28.4 25.0 37.4

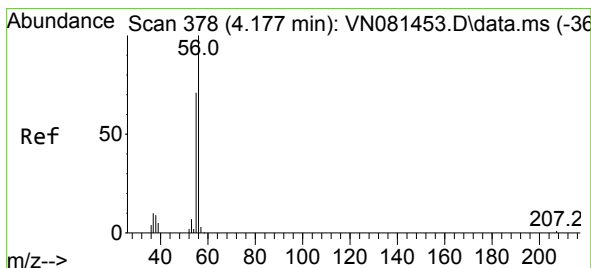
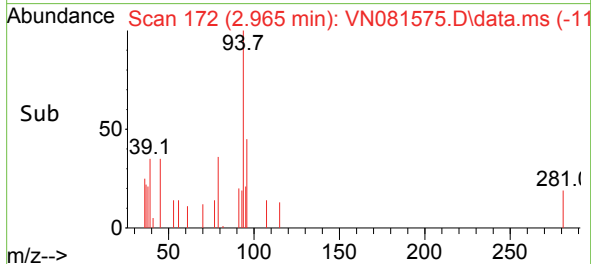
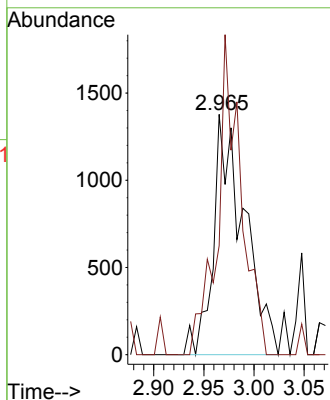
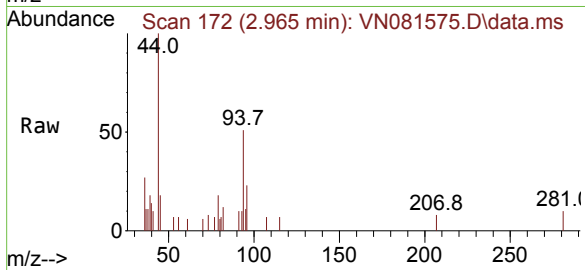




#5
Bromomethane
Concen: 0.613 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

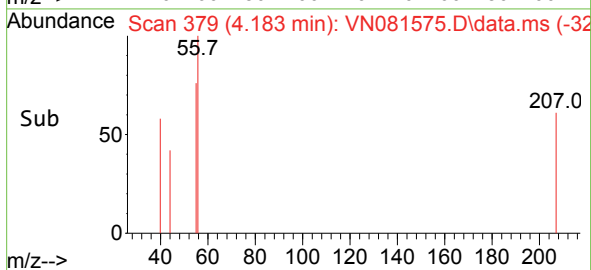
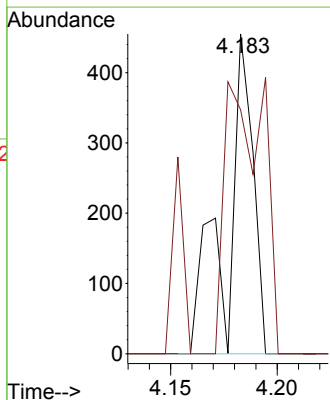
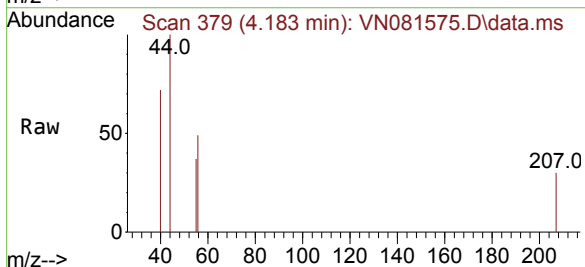
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

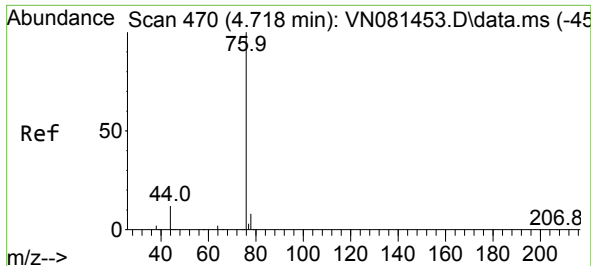
Tgt Ion: 94 Resp: 2932
Ion Ratio Lower Upper
94 100
96 45.4 69.2 103.8#



#13
Acrolein
Concen: 0.439 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

Tgt Ion: 56 Resp: 394
Ion Ratio Lower Upper
56 100
55 123.9 55.3 82.9#

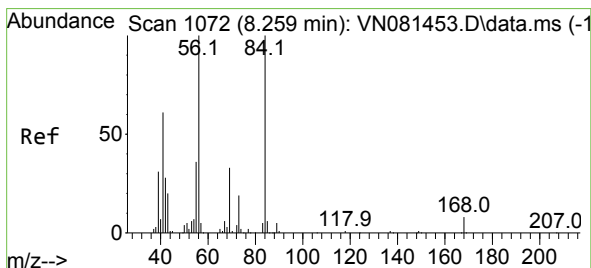
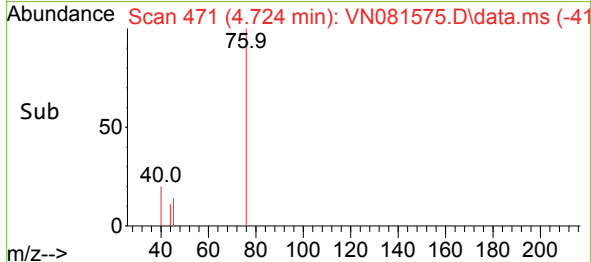
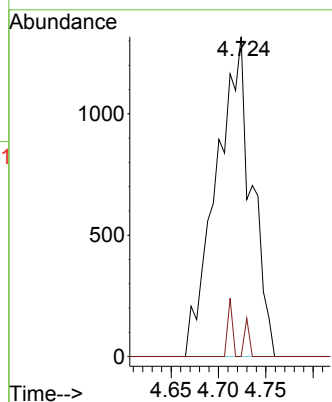
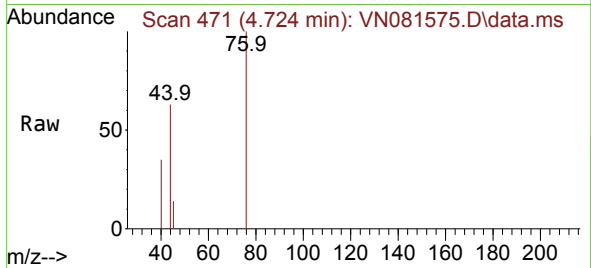




#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

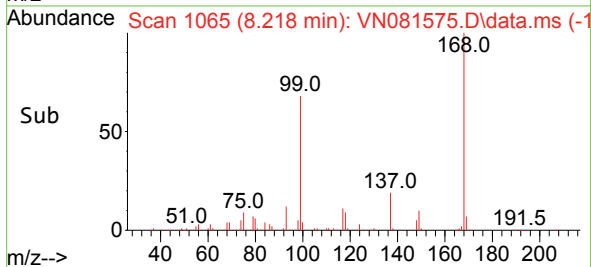
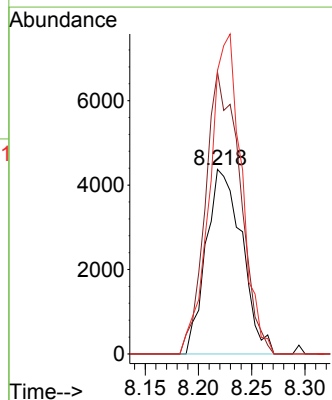
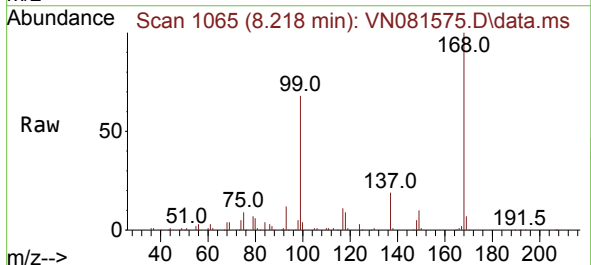
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

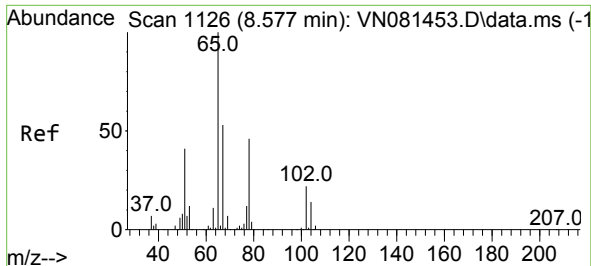
Tgt Ion: 76 Resp: 3409
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

Tgt Ion: 56 Resp: 10213
Ion Ratio Lower Upper
56 100
69 152.8 20.1 30.1#
84 153.5 56.9 85.3#

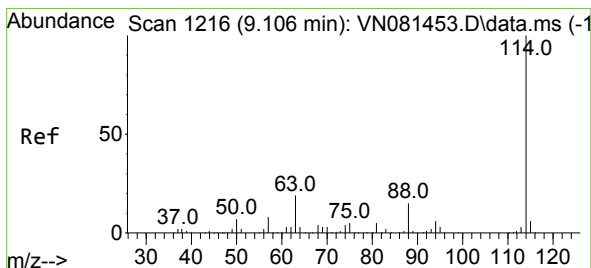
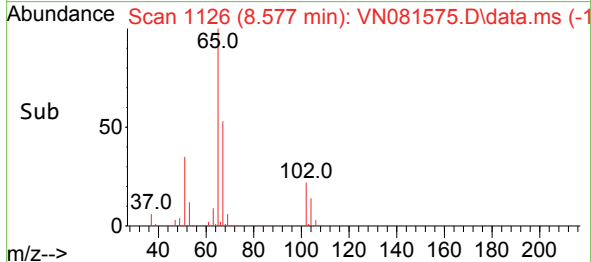
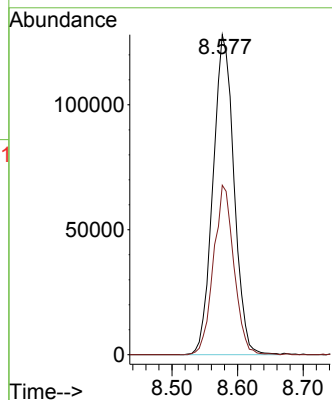
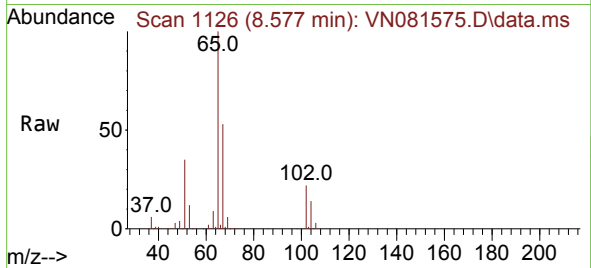




#33
 1,2-Dichloroethane-d4
 Concen: 49.569 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081575.D
 Acq: 26 Mar 2024 12:52

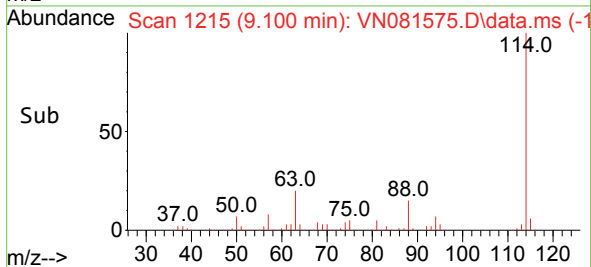
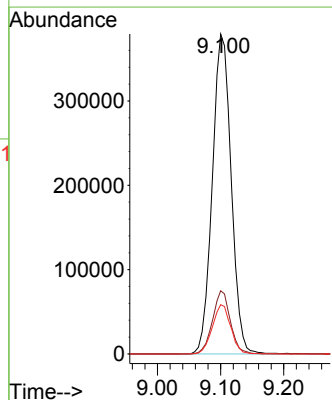
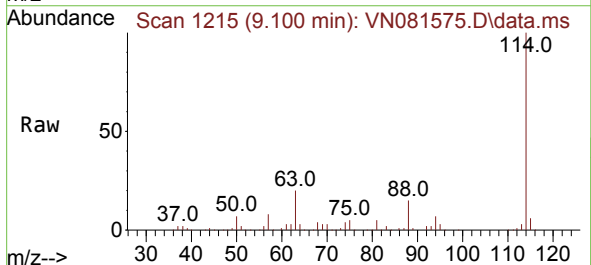
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

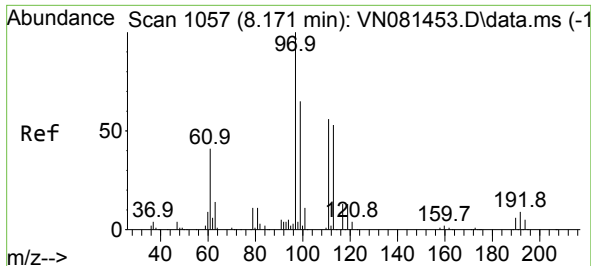
Tgt Ion: 65 Resp: 284382
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN081575.D
 Acq: 26 Mar 2024 12:52

Tgt Ion: 114 Resp: 785910
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 48.0
 88 15.4 0.0 34.8

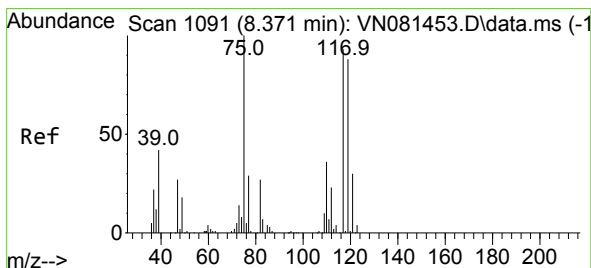
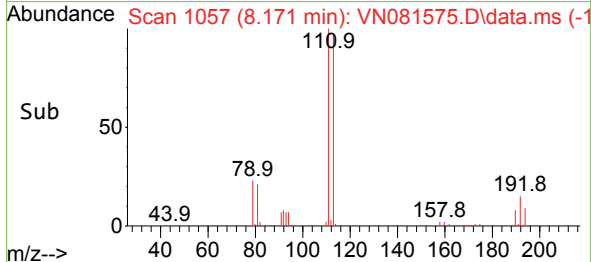
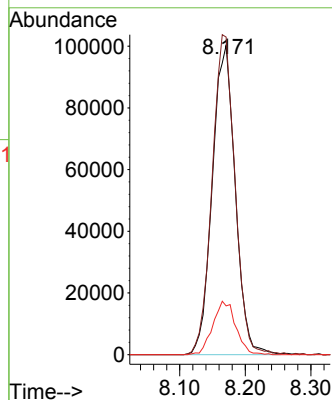
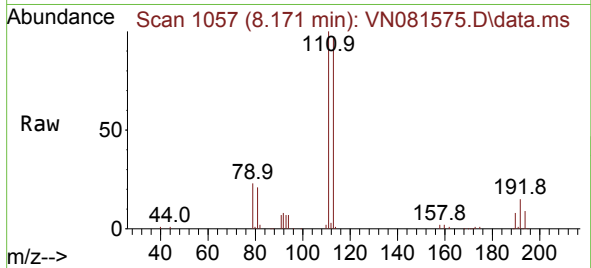




#35
Dibromofluoromethane
Concen: 49.089 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

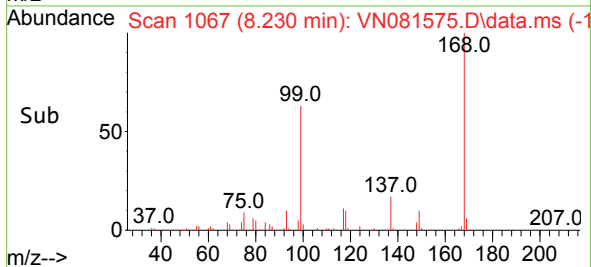
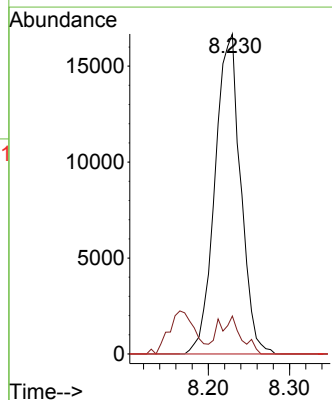
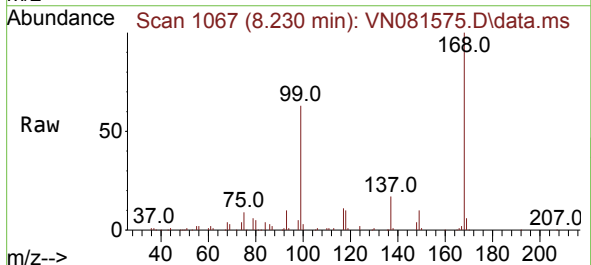
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

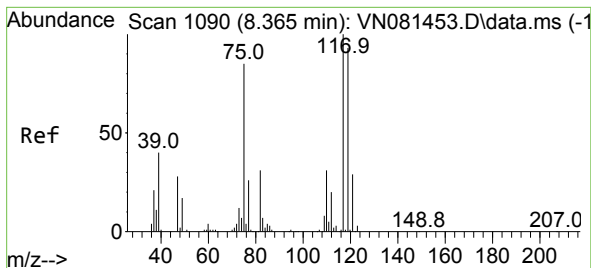
Tgt Ion:113 Resp: 243477
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.387 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

Tgt Ion: 75 Resp: 36617
Ion Ratio Lower Upper
75 100
110 10.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.142 ug/l

RT: 8.230 min Scan# 1090

Delta R.T. -0.135 min

Lab File: VN081575.D

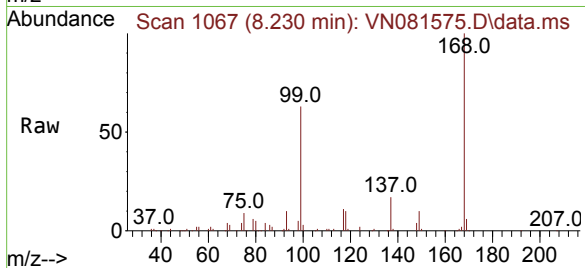
Acq: 26 Mar 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBL01



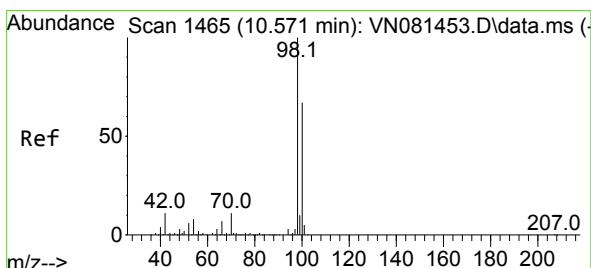
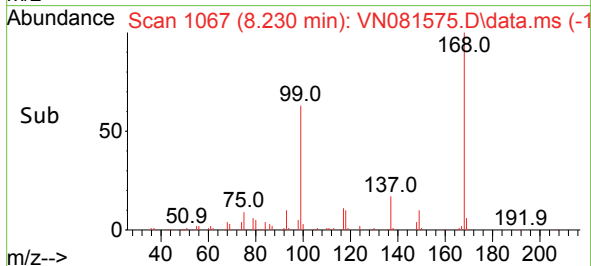
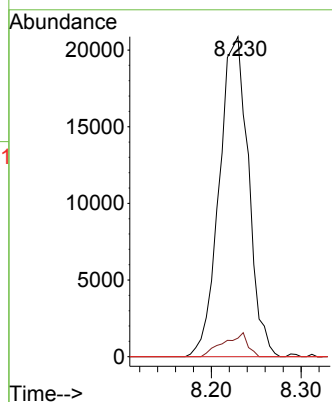
Tgt Ion:117 Resp: 47016

Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.577 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081575.D

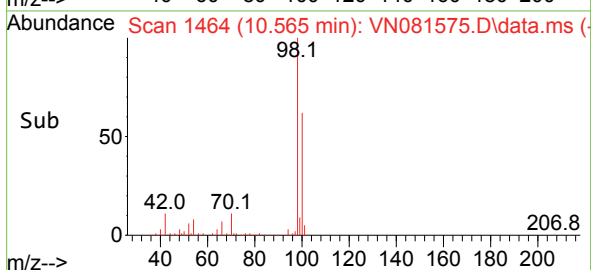
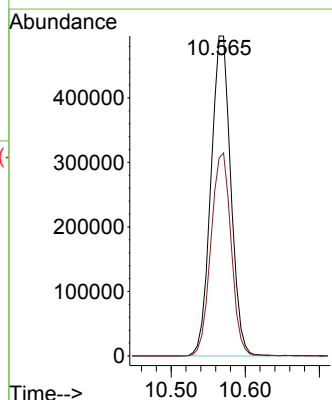
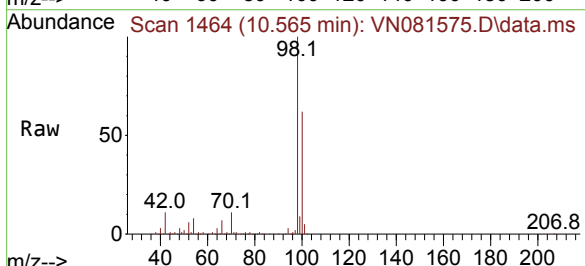
Acq: 26 Mar 2024 12:52

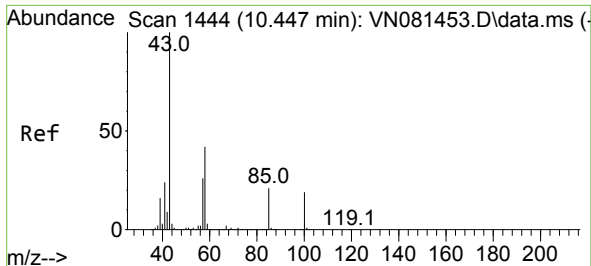
Tgt Ion: 98 Resp: 924738

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.521 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN081575.D

Acq: 26 Mar 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

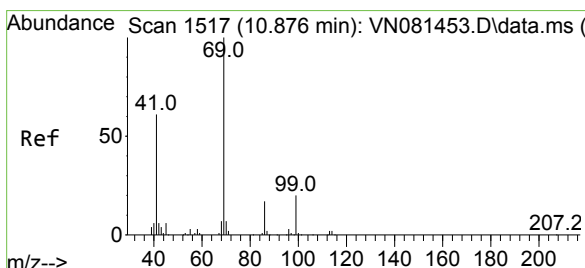
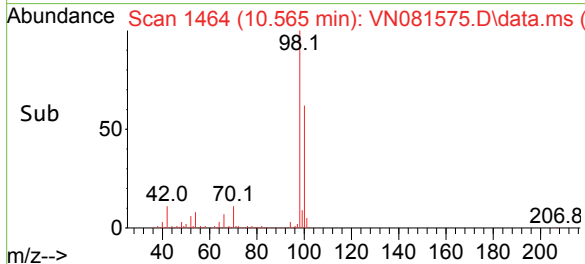
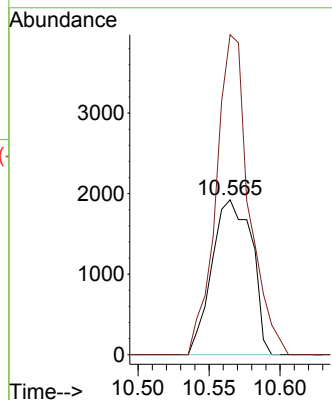
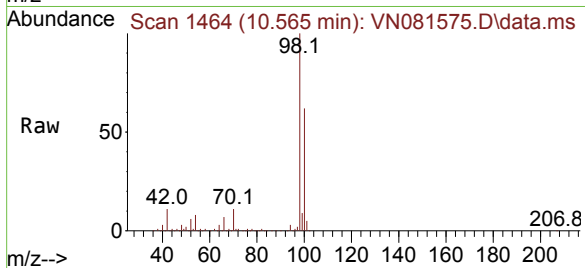
VN0326WBL01

Tgt Ion: 43 Resp: 3769

Ion Ratio Lower Upper

43 100

58 170.7 29.4 44.0#



#56

Ethyl methacrylate

Concen: 0.577 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN081575.D

Acq: 26 Mar 2024 12:52

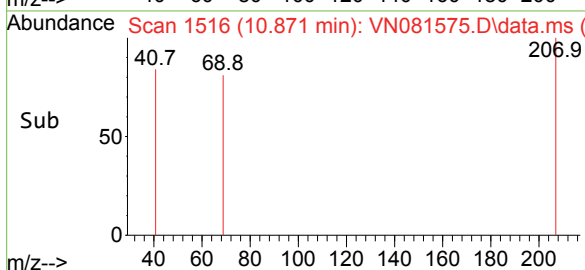
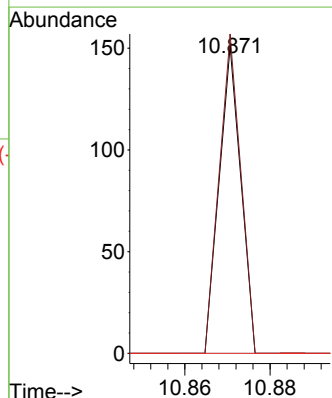
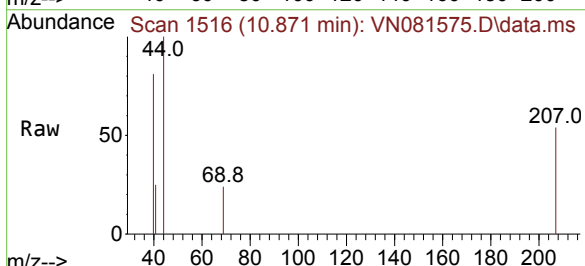
Tgt Ion: 69 Resp: 53

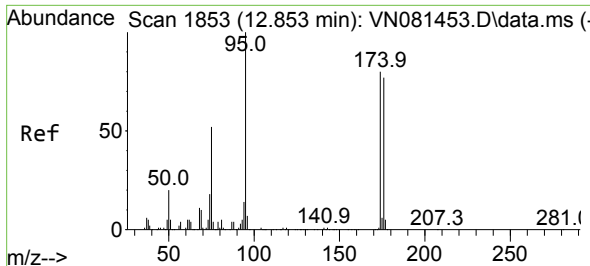
Ion Ratio Lower Upper

69 100

41 103.8 61.0 91.6#

39 0.0 31.8 47.6#

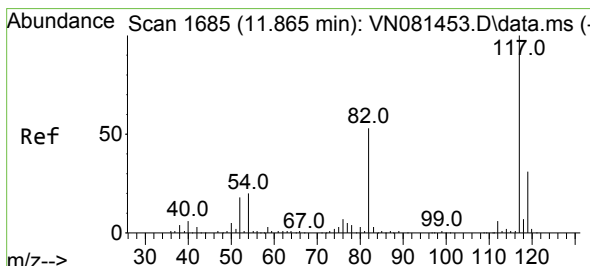
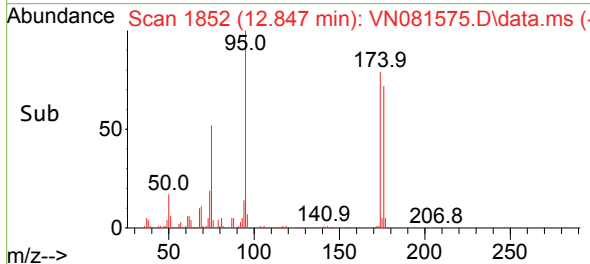
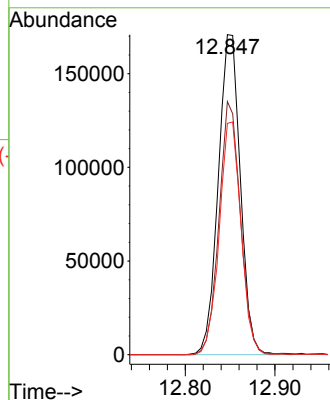
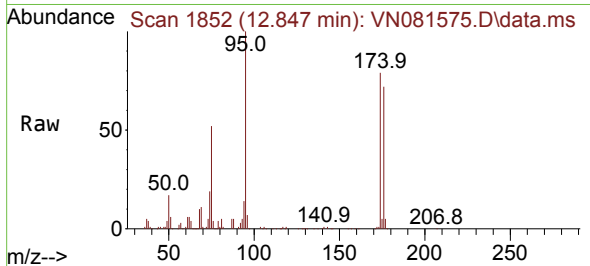




#62
4-Bromofluorobenzene
Concen: 46.166 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

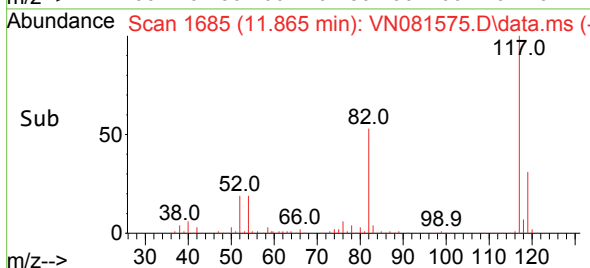
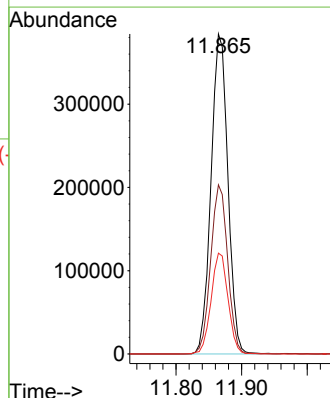
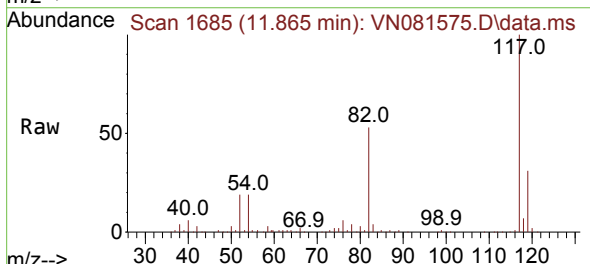
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

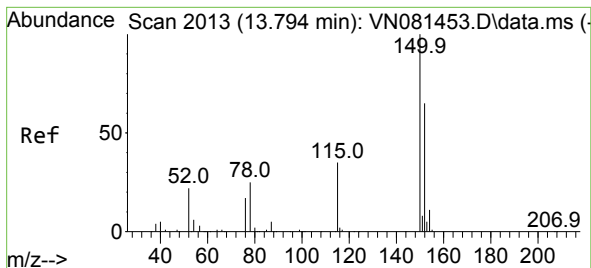
Tgt Ion: 95 Resp: 291657
Ion Ratio Lower Upper
95 100
174 77.0 0.0 120.4
176 71.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081575.D
Acq: 26 Mar 2024 12:52

Tgt Ion: 117 Resp: 685261
Ion Ratio Lower Upper
117 100
82 52.8 52.7 79.1
119 31.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081575.D

Acq: 26 Mar 2024 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBL01

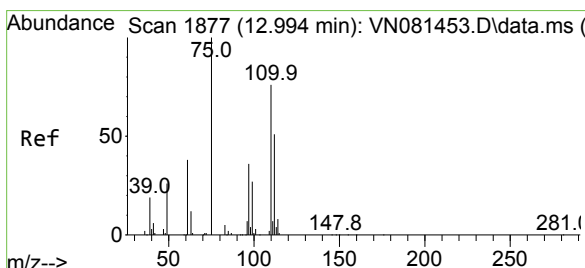
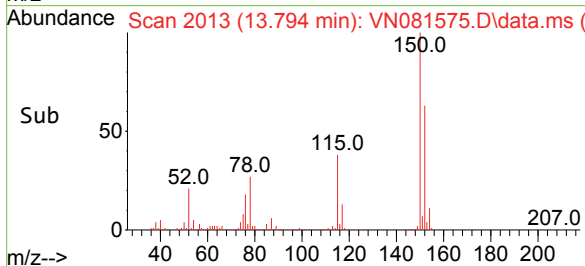
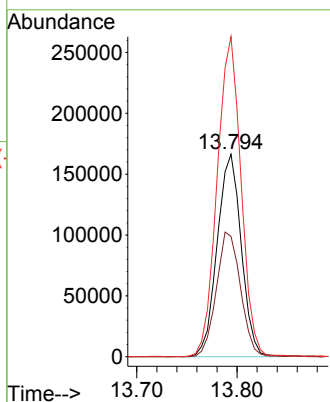
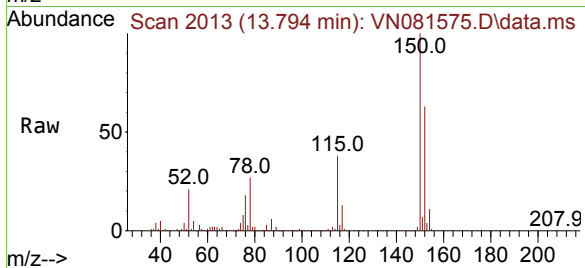
Tgt Ion:152 Resp: 277145

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 157.2 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 22.900 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081575.D

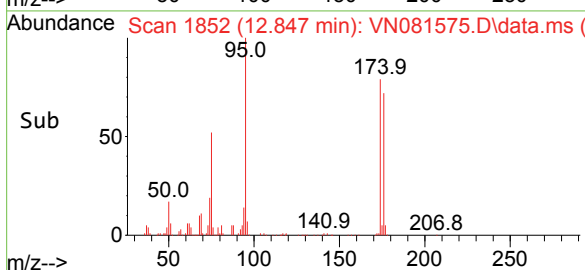
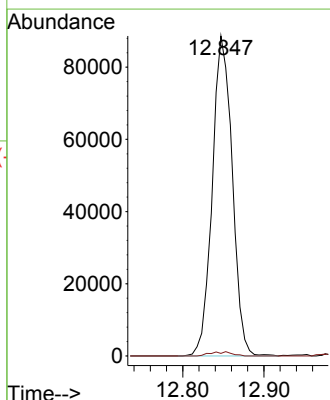
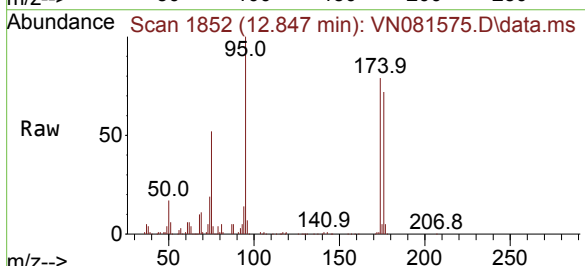
Acq: 26 Mar 2024 12:52

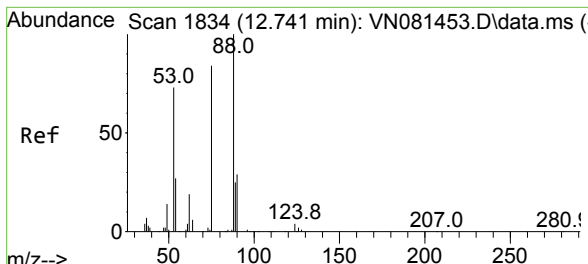
Tgt Ion: 75 Resp: 151813

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#

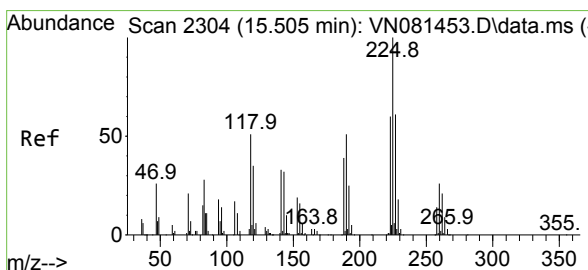
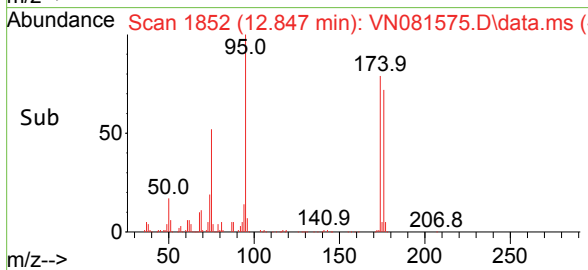
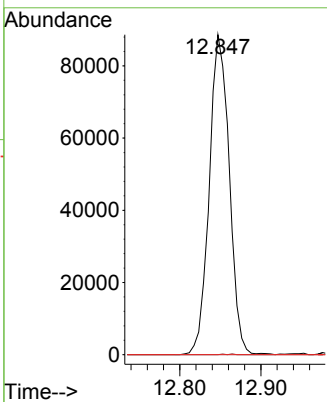
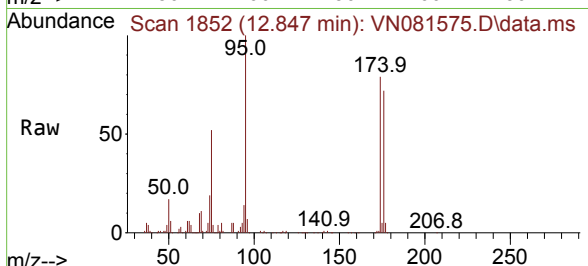




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.883 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081575.D
 Acq: 26 Mar 2024 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Tgt Ion:	75	Resp:	151813
Ion Ratio	Lower	Upper	
75	100		
53	0.0	71.4	107.2#
89	0.0	33.4	50.0#



#94
 Hexachlorobutadiene
 Concen: 0.206 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081575.D
 Acq: 26 Mar 2024 12:52

Tgt Ion:	225	Resp:	540
Ion Ratio	Lower	Upper	
225	100		
223	45.0	33.3	99.8
227	0.0	33.1	99.2#

