

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081952.D
 Acq On : 01 May 2024 13:26
 Operator : JC\MD
 Sample : P2306-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:35:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

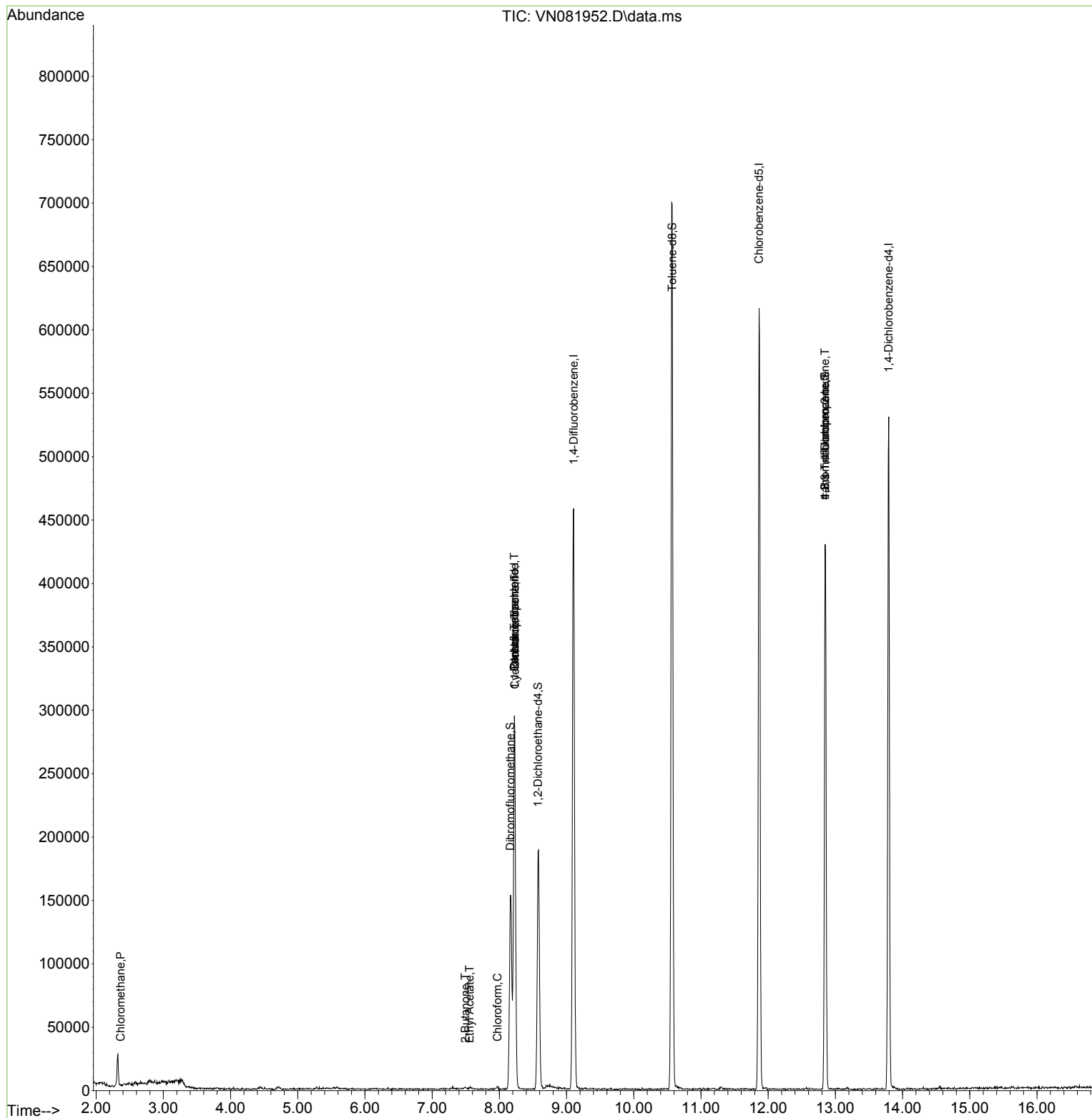
Internal Standards						
1) Pentafluorobenzene	8.224	168	198203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	400240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151601	45.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.640%
35) Dibromofluoromethane	8.165	113	114904	47.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	10.571	98	481720	50.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.847	95	160501	42.900	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	784	0.270	ug/l #	81
5) Bromomethane	2.965	94	153	Below Cal		82
13) Acrolein	4.183	56	64	Below Cal	#	15
16) Acetone	4.430	43	2701	Below Cal	#	68
25) 2-Butanone	7.494	43	2377	1.252	ug/l #	43
30) Chloroform	7.971	83	1740	0.343	ug/l #	59
31) Cyclohexane	8.230	56	5748	1.141	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	19240	4.908	ug/l #	49
37) Ethyl Acetate	7.559	43	1435	0.339	ug/l #	87
38) Carbon Tetrachloride	8.224	117	21820	5.695	ug/l #	14
76) 1,2,3-Trichloropropane	12.847	75	89287	26.748	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89287	54.811	ug/l #	12

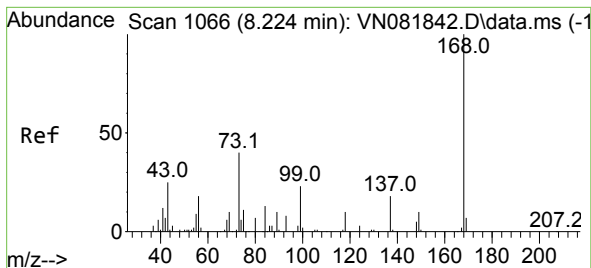
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN081952.D

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Instrument :

MSVOA_N

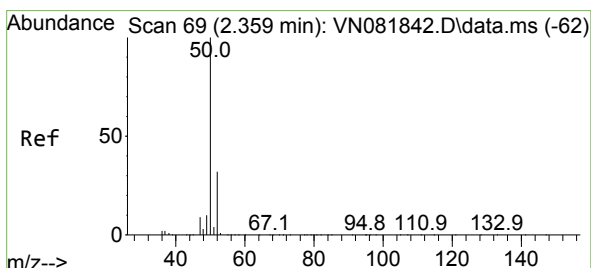
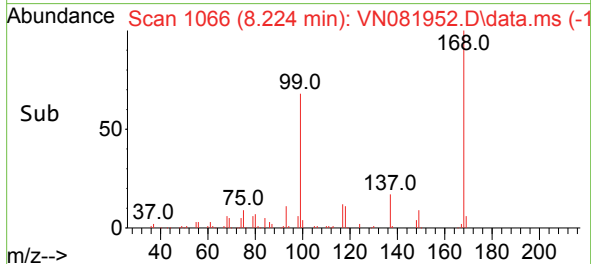
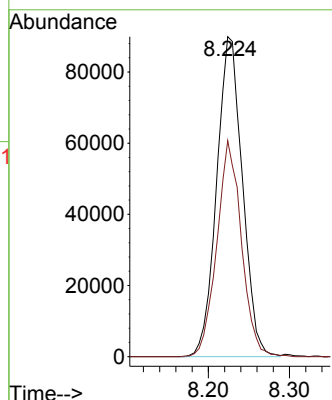
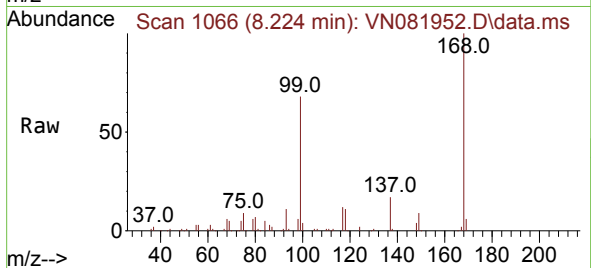
ClientSampleId :

Tgt Ion:168 Resp: 198203

Ion Ratio Lower Upper

168 100

99 67.5 48.2 72.4



#3

Chloromethane

Concen: 0.270 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081952.D

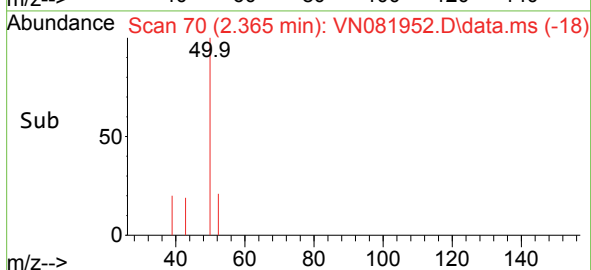
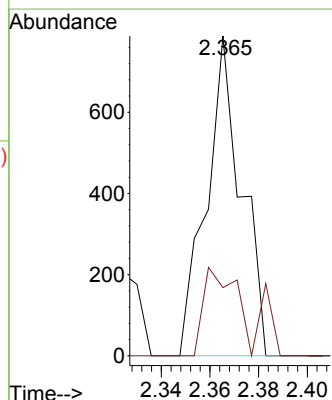
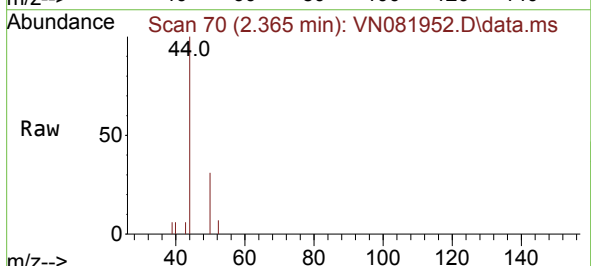
Acq: 01 May 2024 13:26

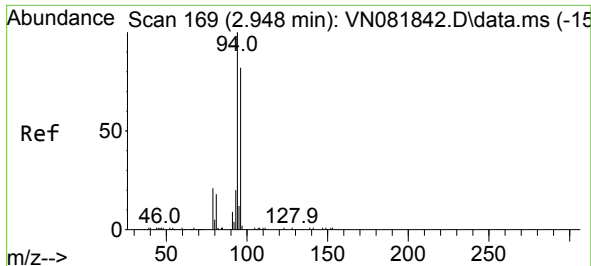
Tgt Ion: 50 Resp: 784

Ion Ratio Lower Upper

50 100

52 21.3 25.5 38.3#

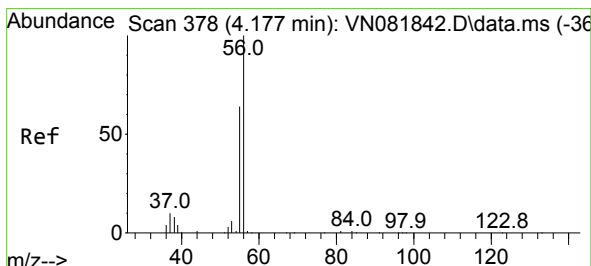
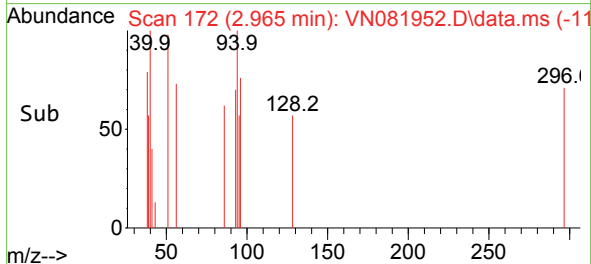
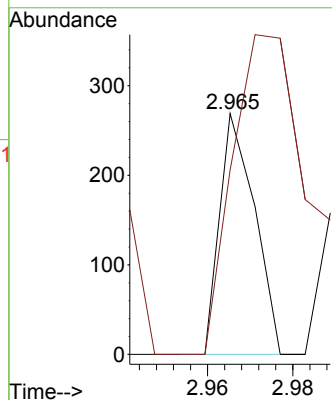
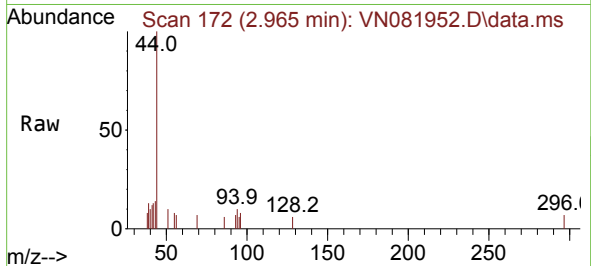




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

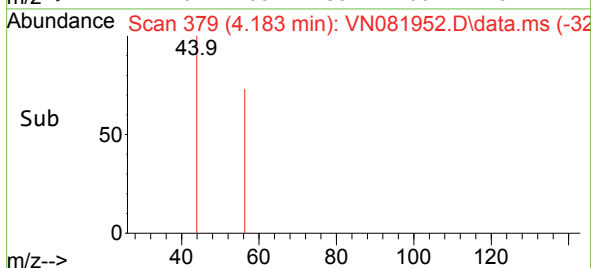
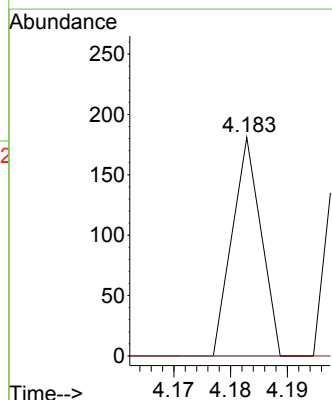
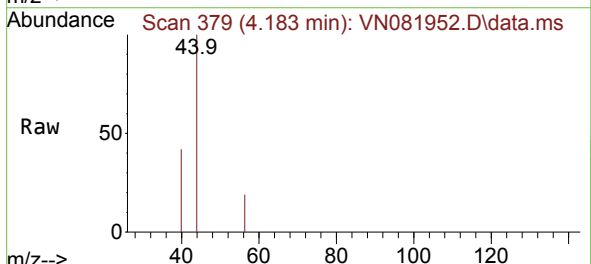
Instrument :
MSVOA_N
ClientSampleId :

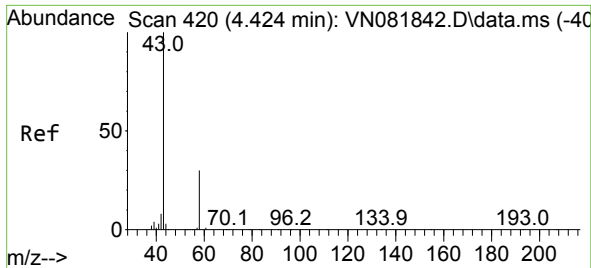
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 76.6 74.8 112.2



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

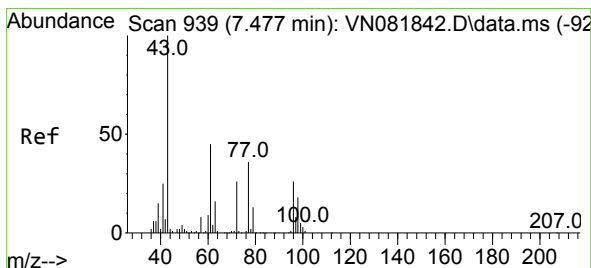
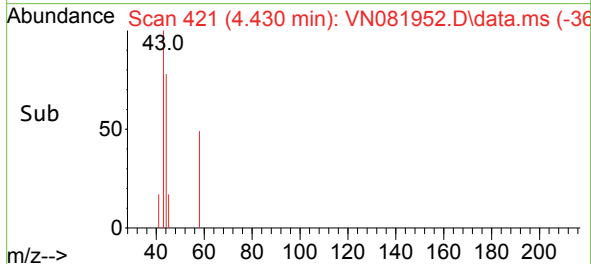
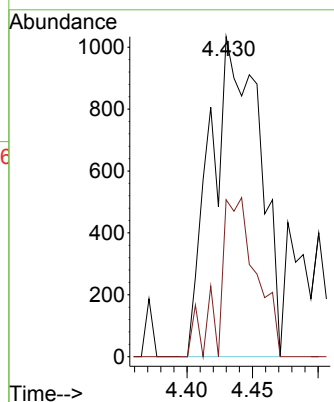
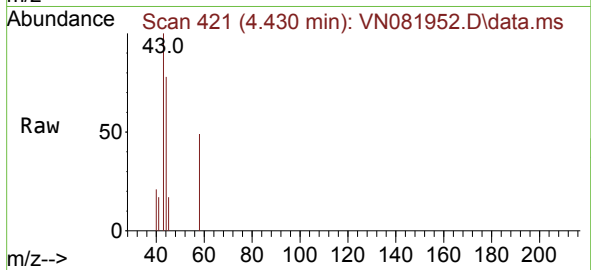




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

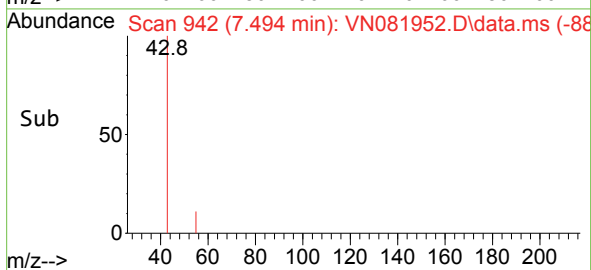
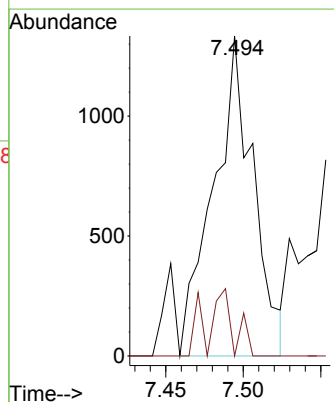
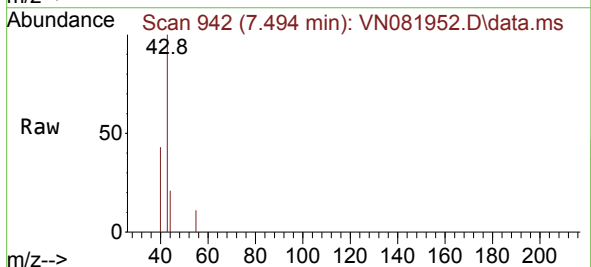
Instrument :
MSVOA_N
ClientSampleId :

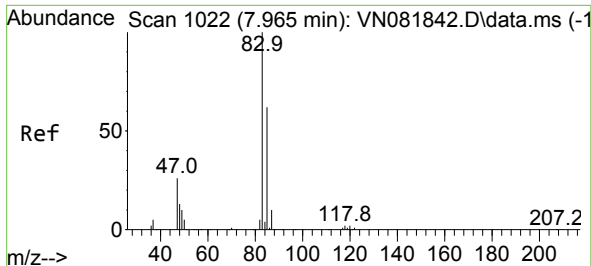
Tgt Ion: 43 Resp: 2701
Ion Ratio Lower Upper
43 100
58 49.0 25.2 37.8#



#25
2-Butanone
Concen: 1.252 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion: 43 Resp: 2377
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#





#30

Chloroform

Concen: 0.343 ug/l

RT: 7.971 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081952.D

Acq: 01 May 2024 13:26

Instrument :

MSVOA_N

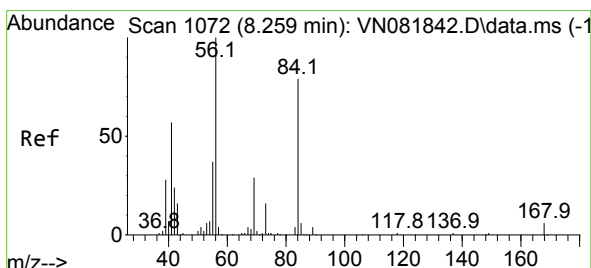
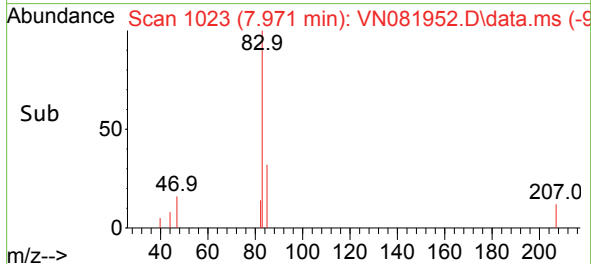
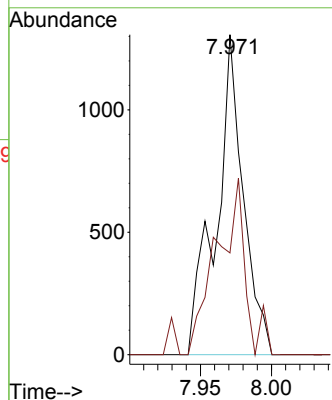
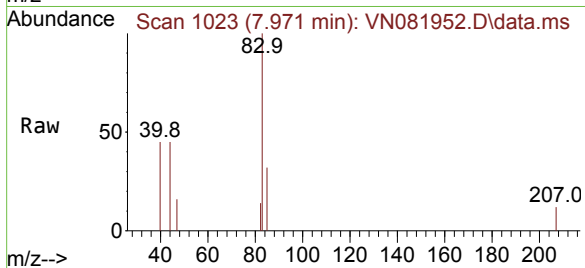
ClientSampleId :

Tgt Ion: 83 Resp: 1740

Ion Ratio Lower Upper

83 100

85 31.8 50.7 76.1#



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081952.D

Acq: 01 May 2024 13:26

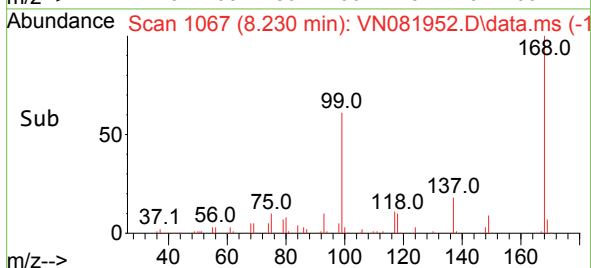
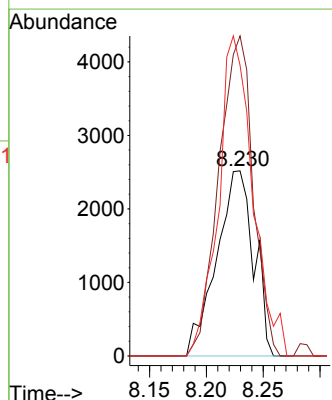
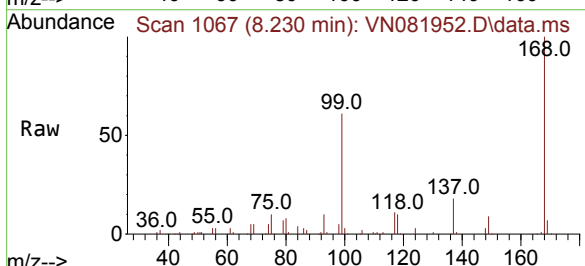
Tgt Ion: 56 Resp: 5748

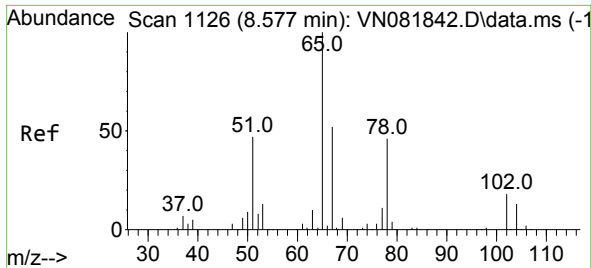
Ion Ratio Lower Upper

56 100

69 172.8 24.4 36.6#

84 157.0 77.0 115.4#

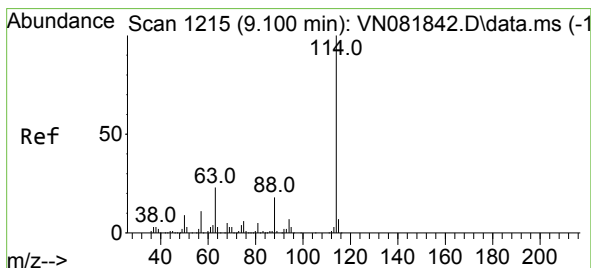
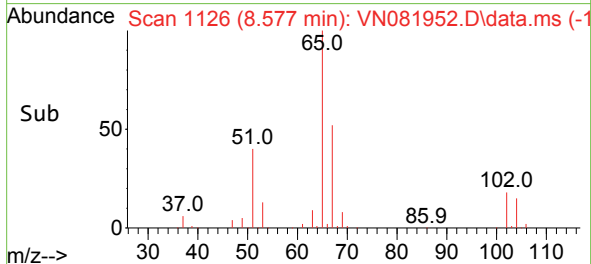
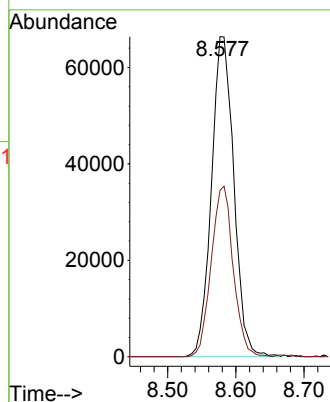
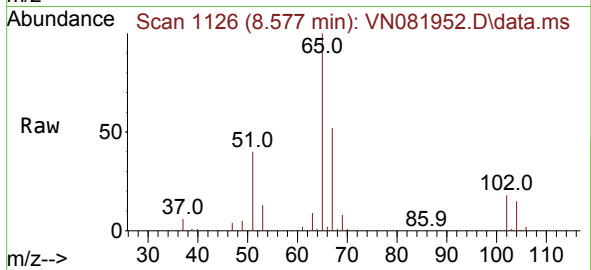




#33
1,2-Dichloroethane-d4
Concen: 45.320 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

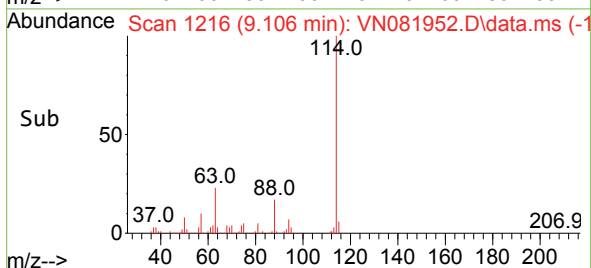
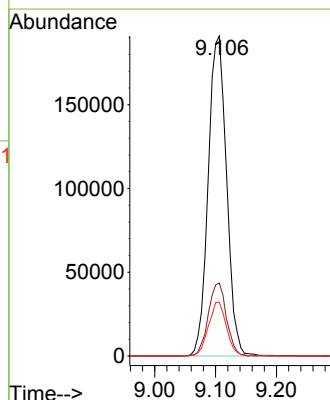
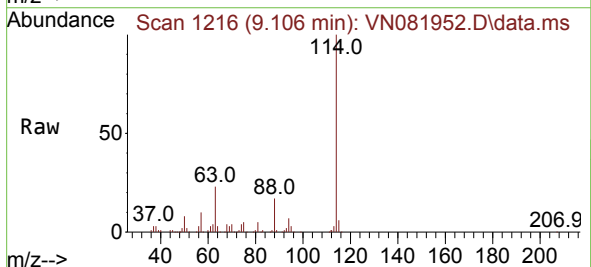
Instrument :
MSVOA_N
ClientSampleId :

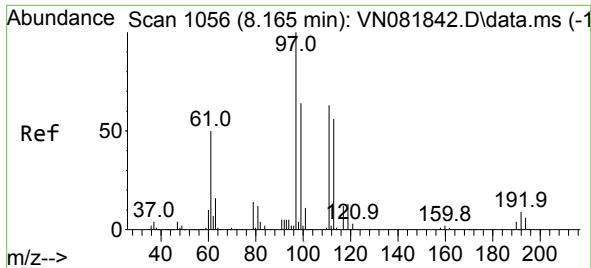
Tgt Ion: 65 Resp: 151601
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion: 114 Resp: 400240
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.0
88 16.8 0.0 31.4

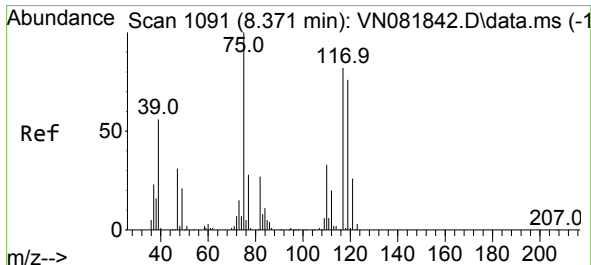
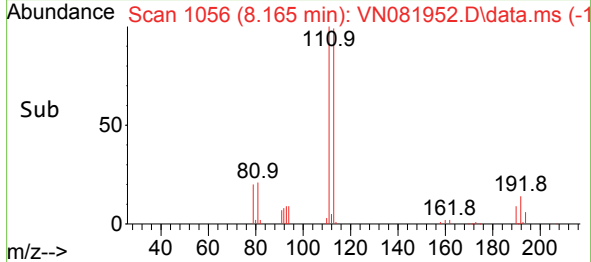
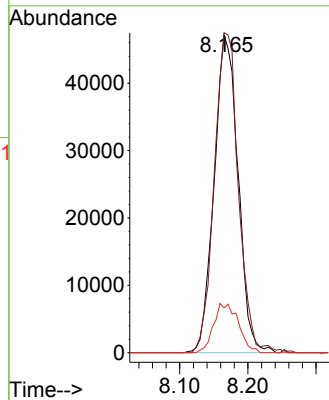
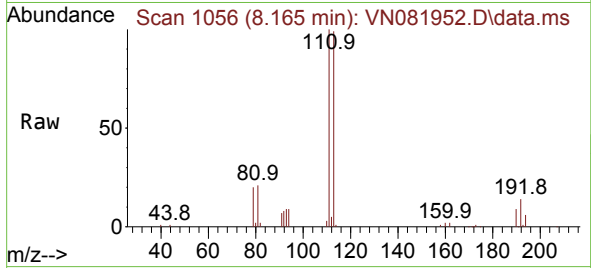




#35
Dibromofluoromethane
Concen: 47.682 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

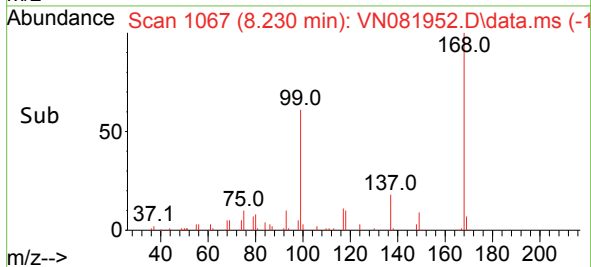
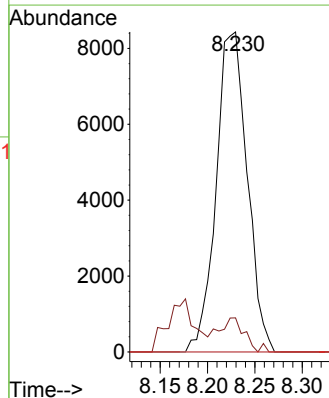
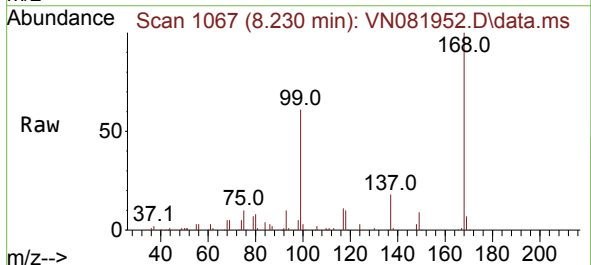
Instrument :
MSVOA_N
ClientSampleId :

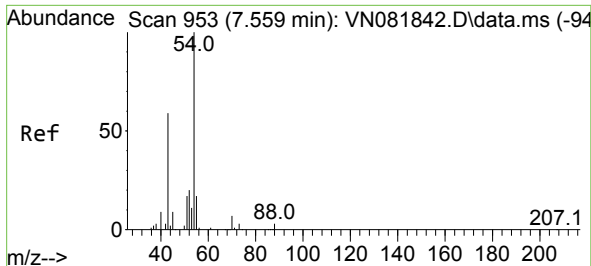
Tgt Ion:113 Resp: 114904
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 16.0 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

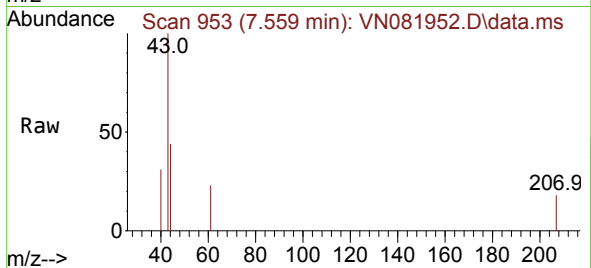
Tgt Ion: 75 Resp: 19240
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 25.0 37.4#



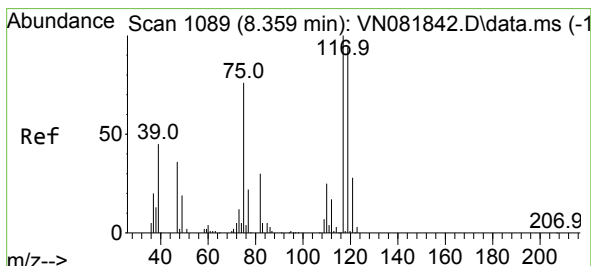
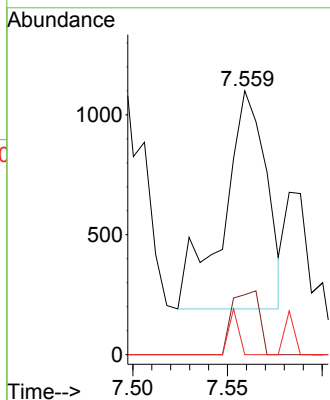
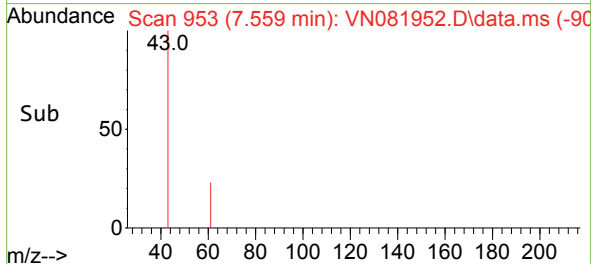


#37
Ethyl Acetate
Concen: 0.339 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

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MSVOA_N
ClientSampleId :

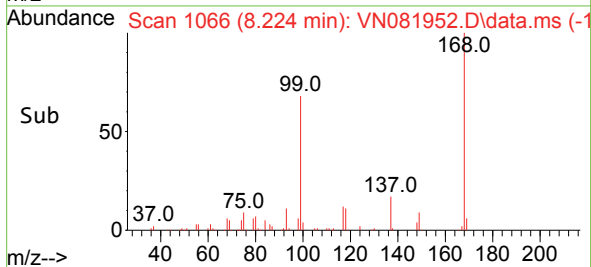
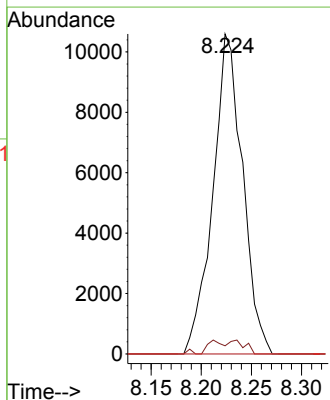
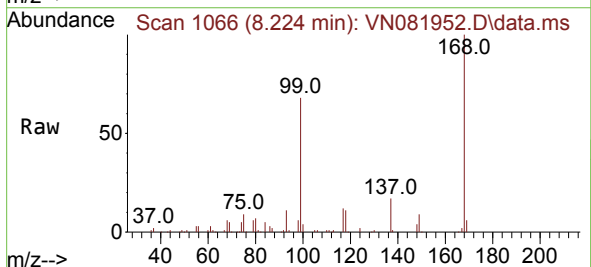


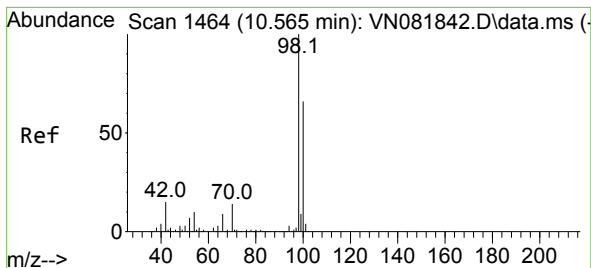
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
61 18.5 11.3 16.9#
70 4.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion: 117 Resp: 21820
Ion Ratio Lower Upper
117 100
119 2.6 76.5 114.7#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 50.899 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081952.D

Acq: 01 May 2024 13:26

Instrument :

MSVOA_N

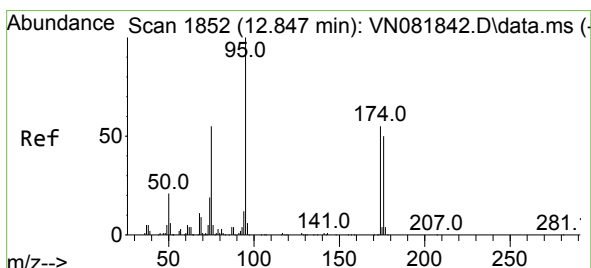
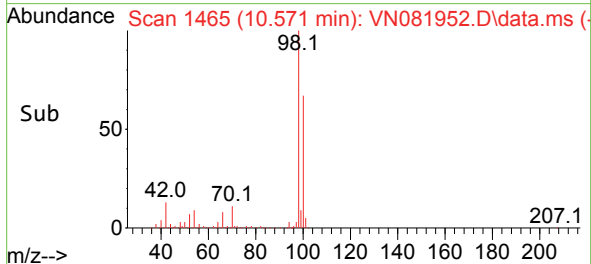
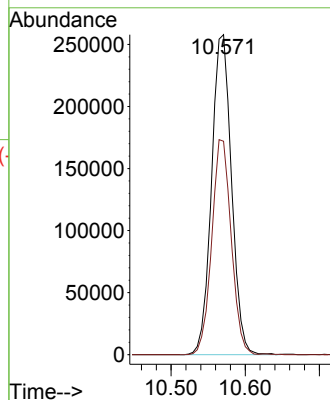
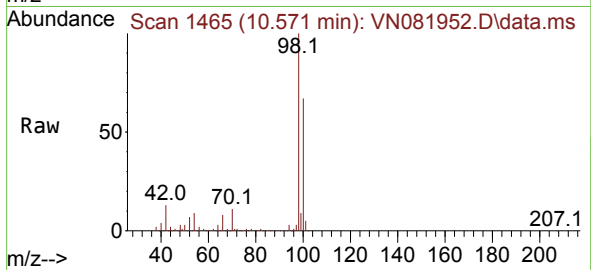
ClientSampleId :

Tgt Ion: 98 Resp: 481720

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 42.900 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN081952.D

Acq: 01 May 2024 13:26

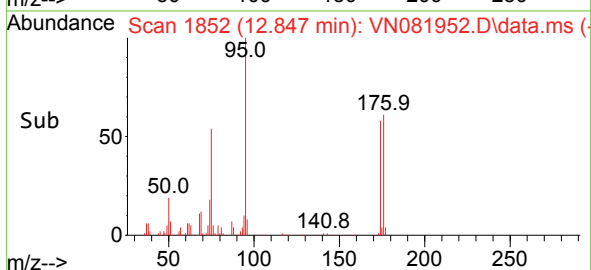
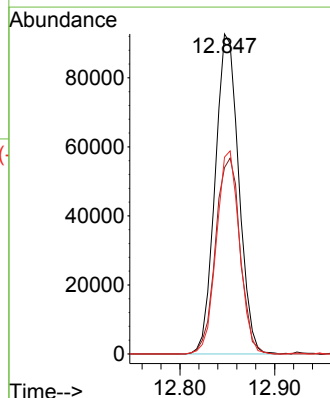
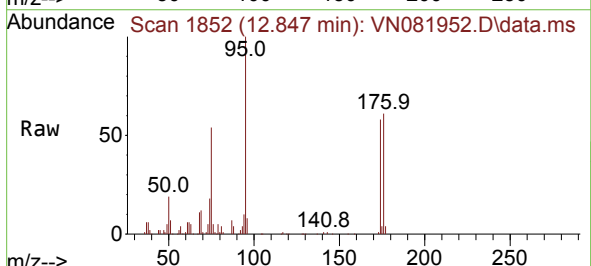
Tgt Ion: 95 Resp: 160501

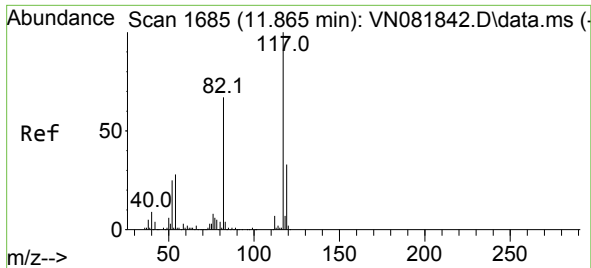
Ion Ratio Lower Upper

95 100

174 63.7 0.0 160.6

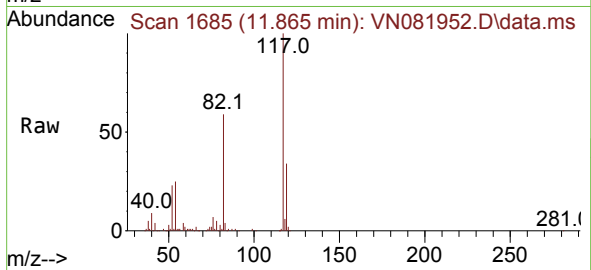
176 62.0 0.0 152.8



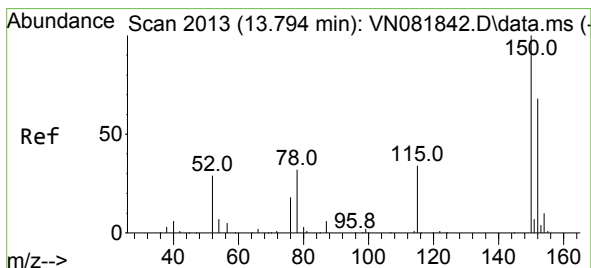
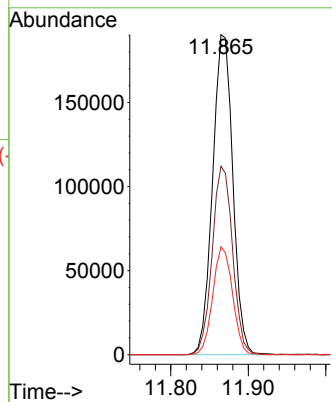
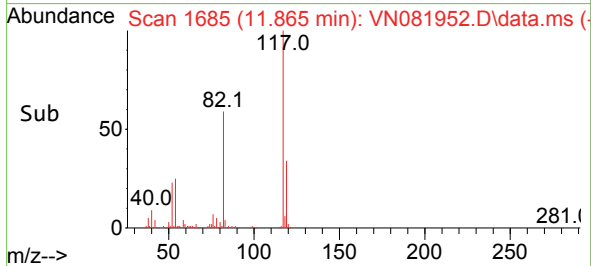


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

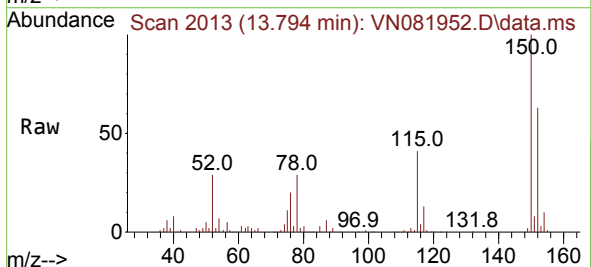
Instrument :
MSVOA_N
ClientSampleId :



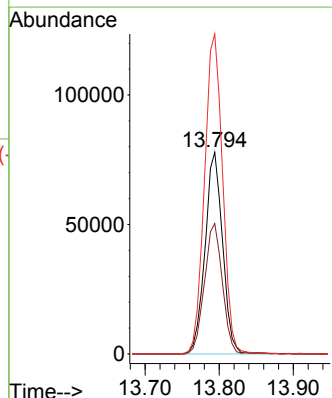
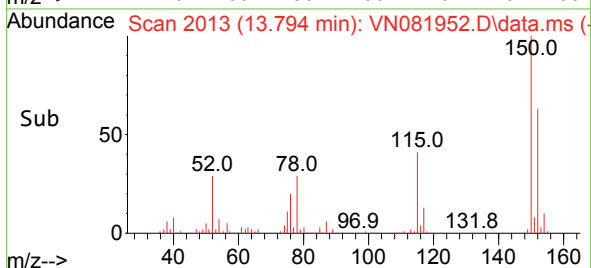
Tgt Ion:117 Resp: 345235
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 33.7 25.9 38.9

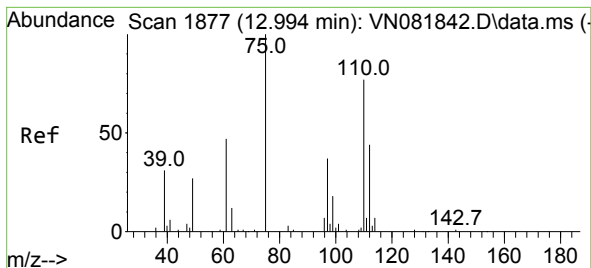


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26



Tgt Ion:152 Resp: 128744
Ion Ratio Lower Upper
152 100
115 65.6 30.4 91.3
150 162.8 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 26.748 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081952.D

Acq: 01 May 2024 13:26

Instrument :

MSVOA_N

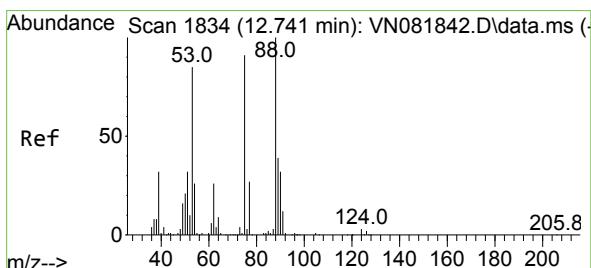
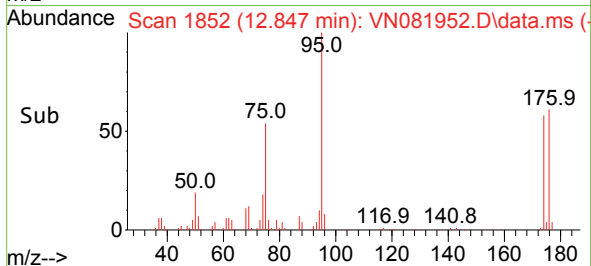
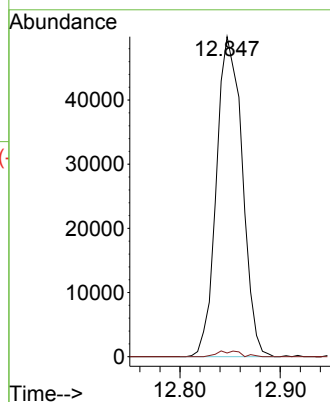
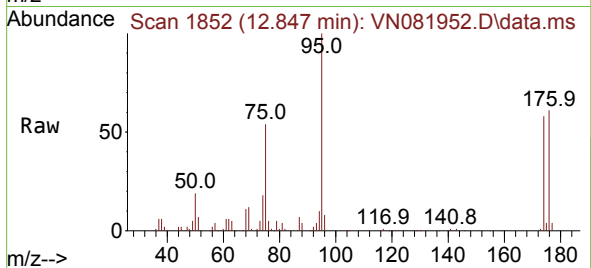
ClientSampleId :

Tgt Ion: 75 Resp: 89287

Ion Ratio Lower Upper

75 100

77 1.6 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.811 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081952.D

Acq: 01 May 2024 13:26

Tgt Ion: 75 Resp: 89287

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

