

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081416.D
 Acq On : 14 Mar 2024 17:41
 Operator : JC\MD
 Sample : P1749-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Mar 15 01:15:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	289448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	461635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223722	53.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.920%
35) Dibromofluoromethane	8.171	113	173219	53.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.300%
50) Toluene-d8	10.571	98	639392	52.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.960%
62) 4-Bromofluorobenzene	12.853	95	195357	45.370	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.740%

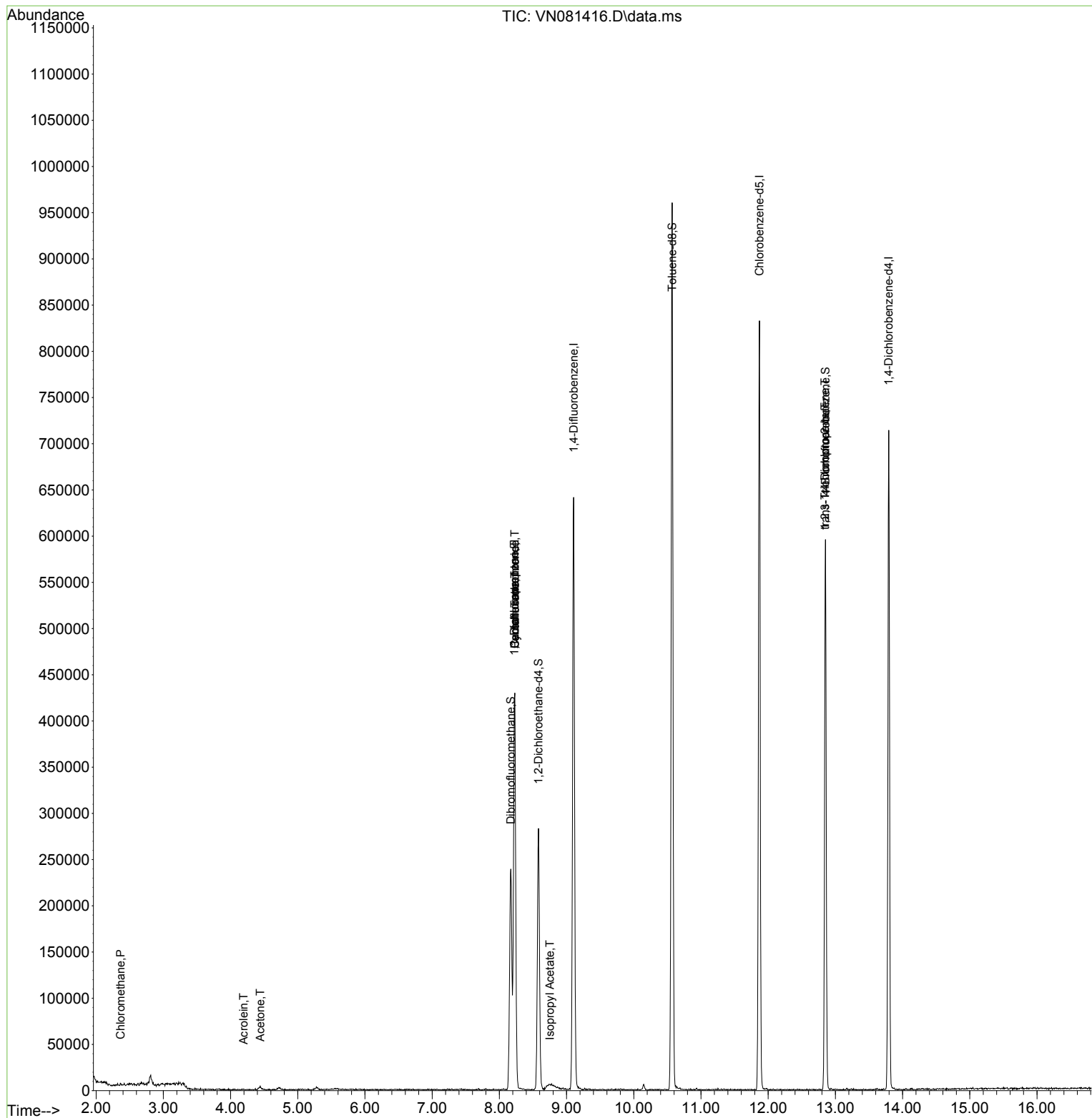
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	831	0.201	ug/l #	43
13) Acrolein	4.194	56	299	0.345	ug/l #	57
16) Acetone	4.442	43	5657	3.815	ug/l #	70
20) Methylene Chloride	5.294	84	1587	Below Cal	#	58
31) Cyclohexane	8.230	56	8682	1.370	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	27281	5.189	ug/l #	53
38) Carbon Tetrachloride	8.230	117	34374	6.496	ug/l #	19
43) Isopropyl Acetate	8.753	43	7059	0.785	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	109847	26.488	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	109847	73.922	ug/l #	14

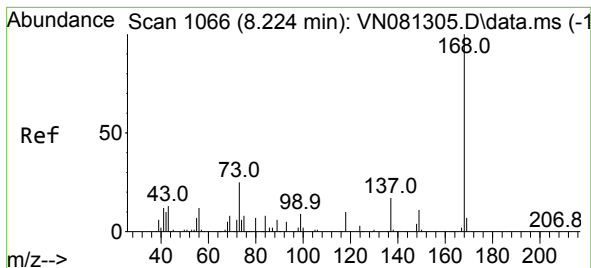
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
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Quant Time: Mar 15 01:15:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081416.D

Acq: 14 Mar 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

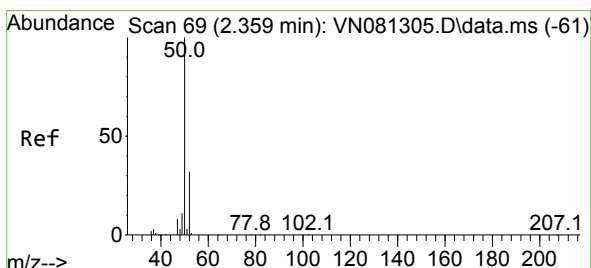
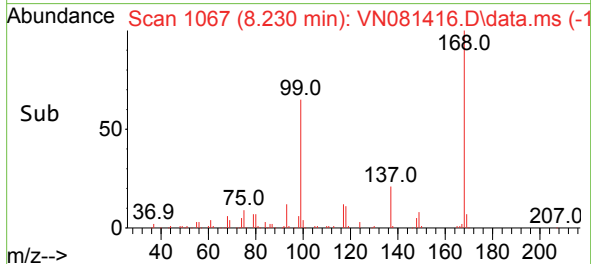
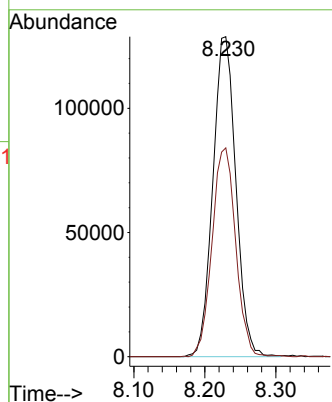
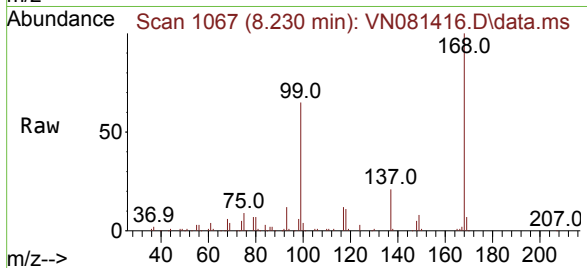
MW-1

Tgt Ion:168 Resp: 289448

Ion Ratio Lower Upper

168 100

99 65.3 59.9 89.9



#3

Chloromethane

Concen: 0.201 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081416.D

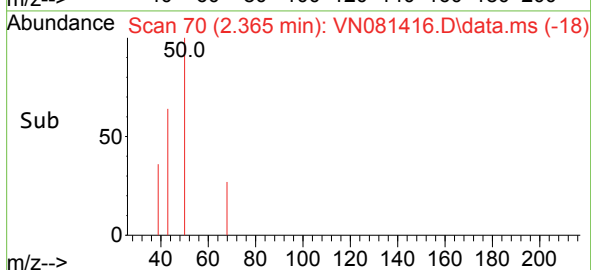
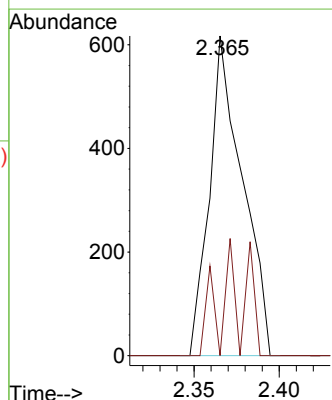
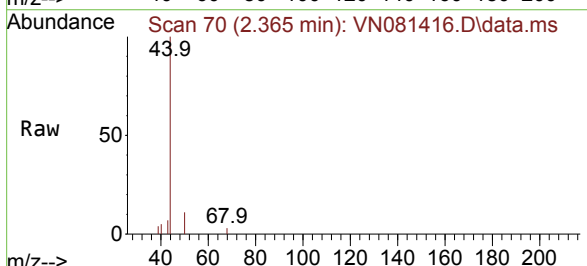
Acq: 14 Mar 2024 17:41

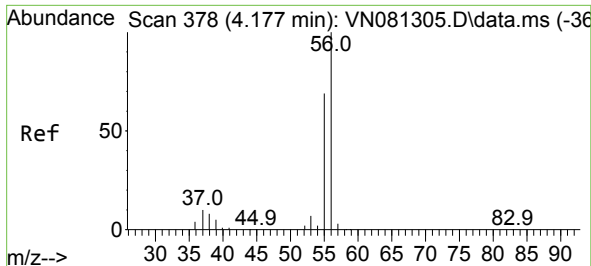
Tgt Ion: 50 Resp: 831

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

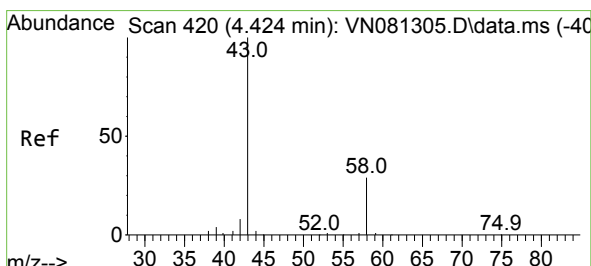
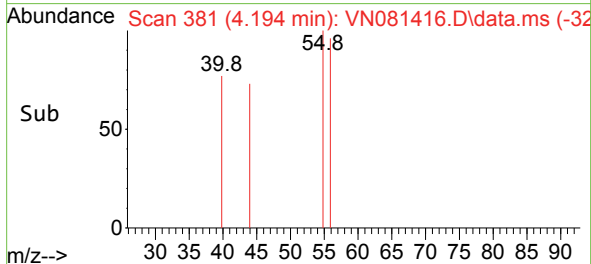
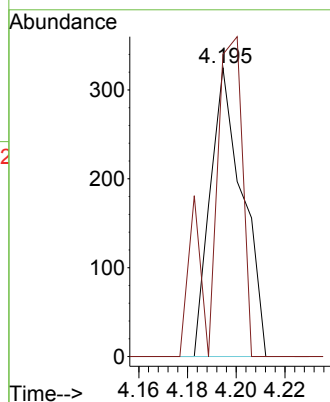
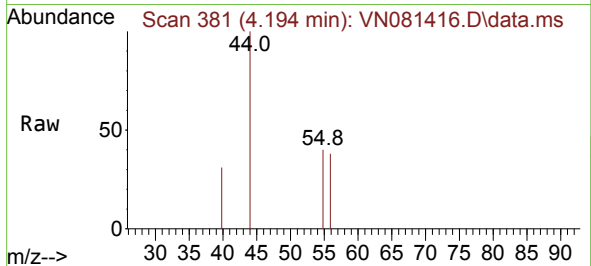




#13
Acrolein
Concen: 0.345 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

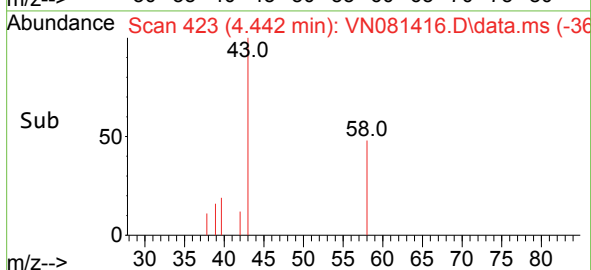
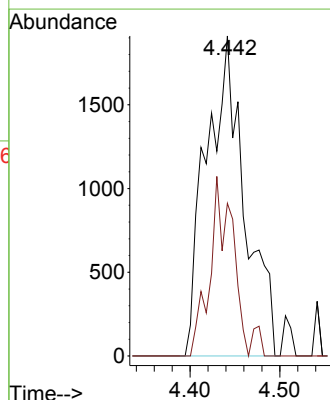
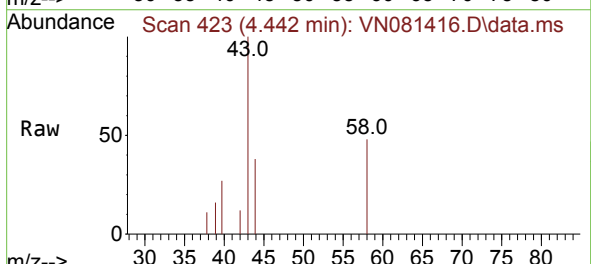
Instrument :
MSVOA_N
ClientSampleId :
MW-1

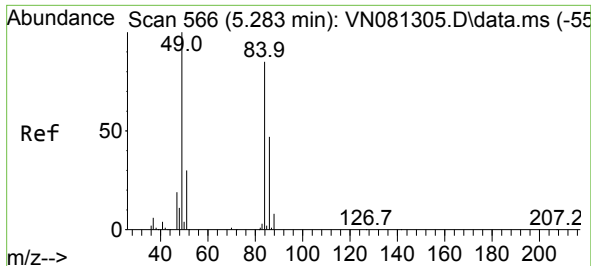
Tgt Ion: 56 Resp: 299
Ion Ratio Lower Upper
56 100
55 104.0 55.3 82.9#



#16
Acetone
Concen: 3.815 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

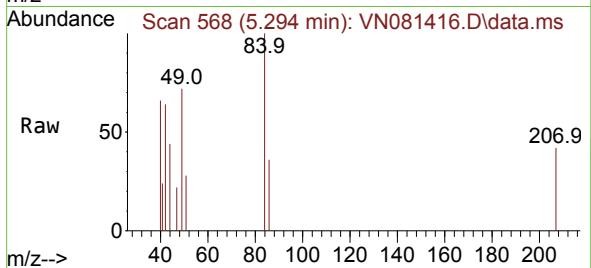
Tgt Ion: 43 Resp: 5657
Ion Ratio Lower Upper
43 100
58 47.7 24.8 37.2#



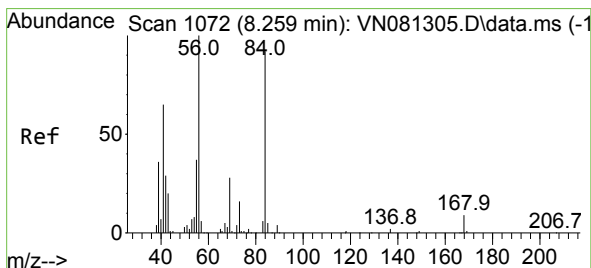
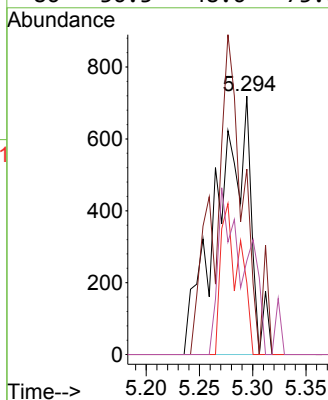
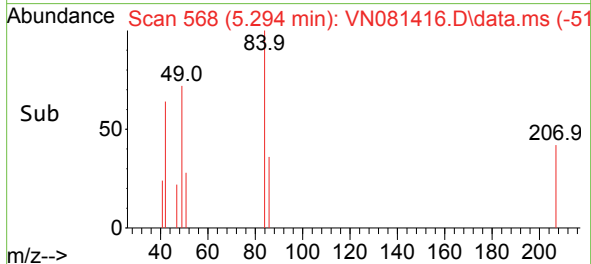


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

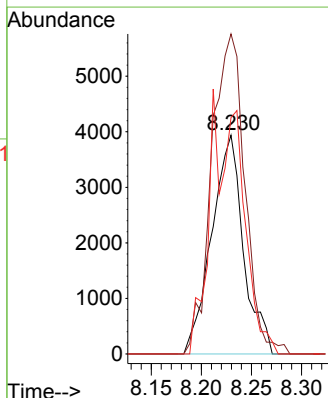
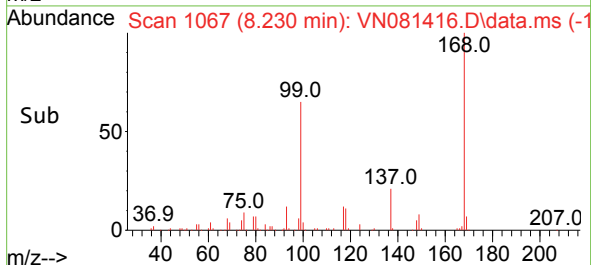
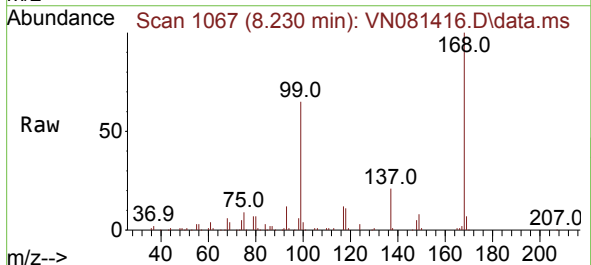


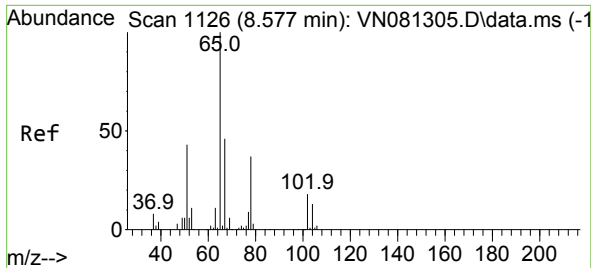
Tgt Ion: 84 Resp: 1587
Ion Ratio Lower Upper
84 100
49 71.8 108.1 162.1#
51 27.7 32.9 49.3#
86 36.3 48.6 73.0#



#31
Cyclohexane
Concen: 1.370 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Tgt Ion: 56 Resp: 8682
Ion Ratio Lower Upper
56 100
69 146.3 20.1 30.1#
84 112.8 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.457 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081416.D

Acq: 14 Mar 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

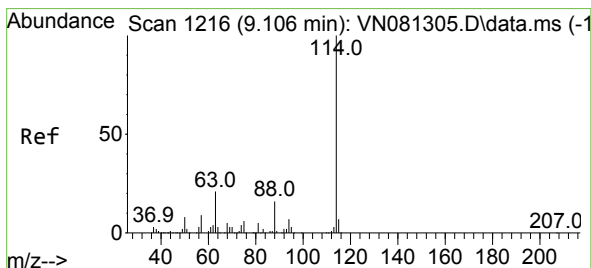
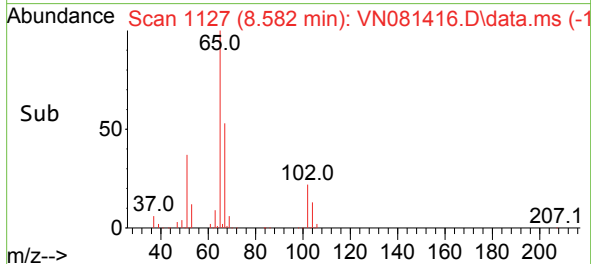
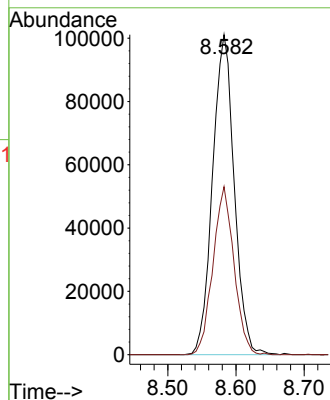
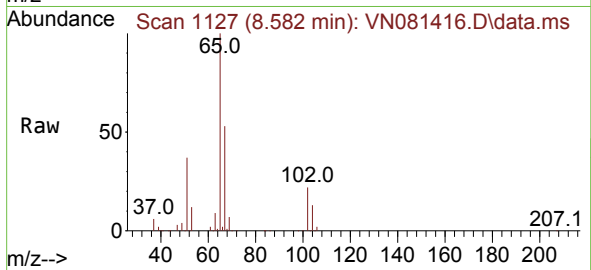
MW-1

Tgt Ion: 65 Resp: 223722

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081416.D

Acq: 14 Mar 2024 17:41

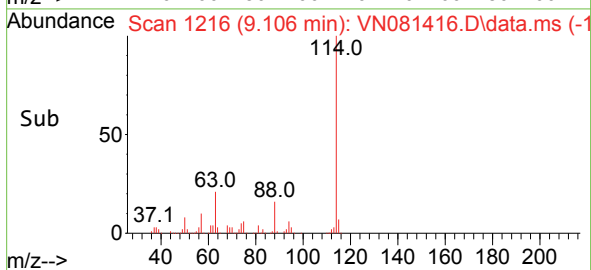
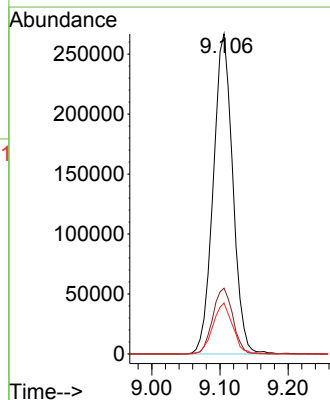
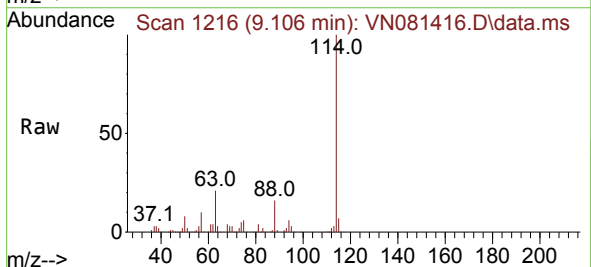
Tgt Ion: 114 Resp: 531934

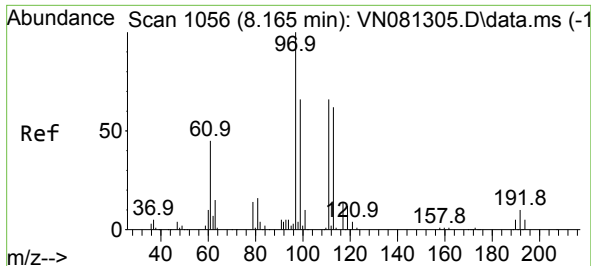
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 15.9 0.0 34.8

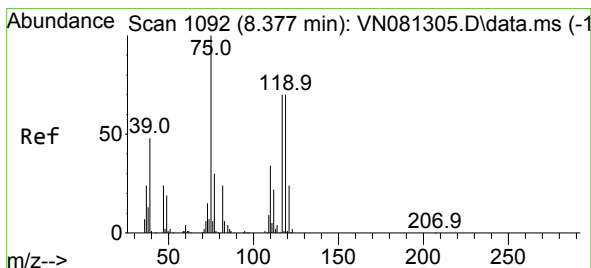
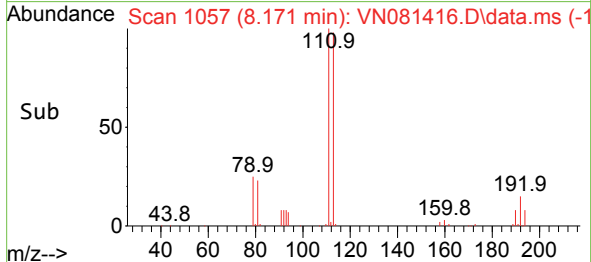
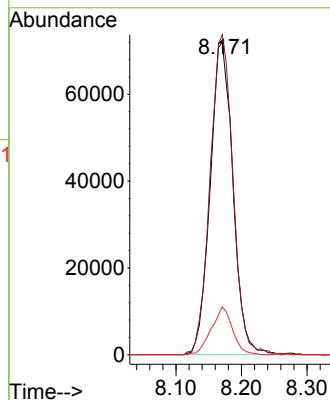
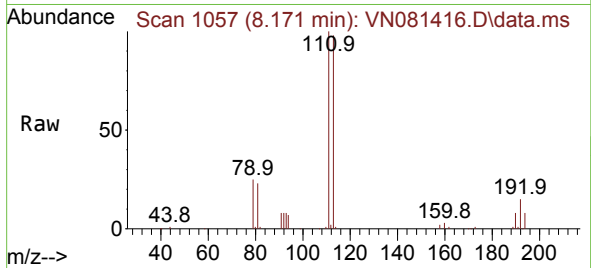




#35
Dibromofluoromethane
Concen: 53.151 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

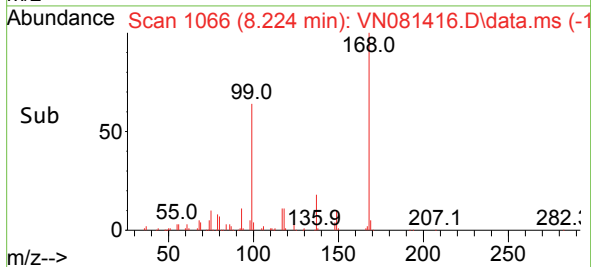
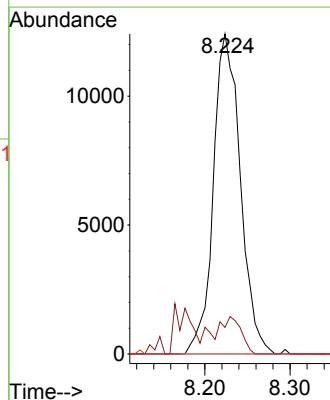
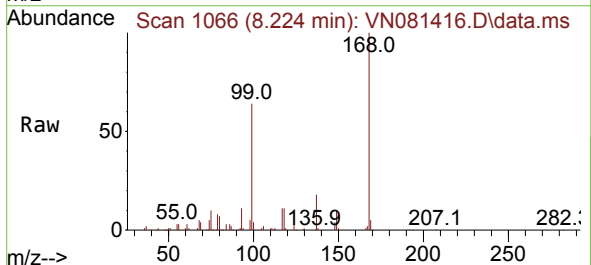
Instrument :
MSVOA_N
ClientSampleId :
MW-1

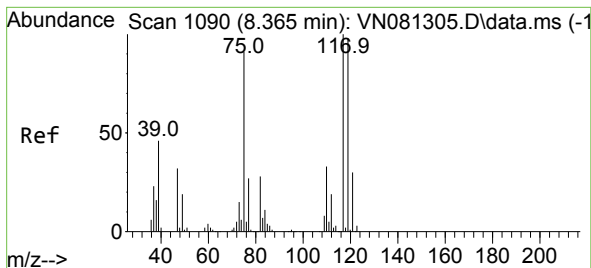
Tgt Ion:113 Resp: 173219
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 14.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.189 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Tgt Ion: 75 Resp: 27281
Ion Ratio Lower Upper
75 100
110 11.9 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.496 ug/l

RT: 8.230 min Scan# 1156

Delta R.T. -0.135 min

Lab File: VN081416.D

Acq: 14 Mar 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

MW-1

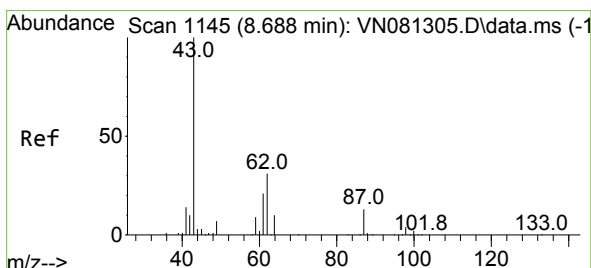
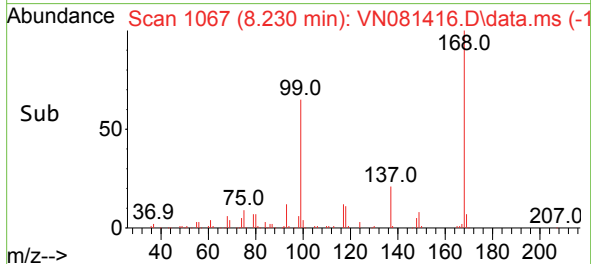
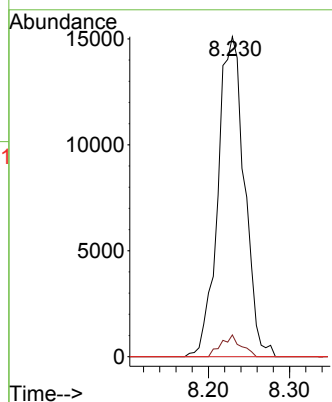
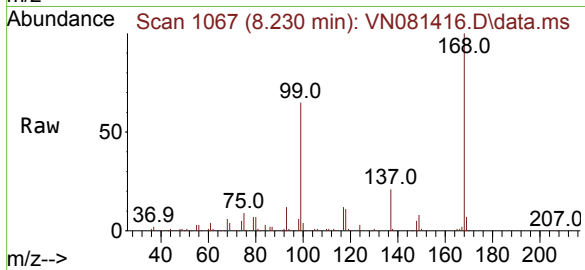
Tgt Ion:117 Resp: 34374

Ion Ratio Lower Upper

117 100

119 6.8 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.785 ug/l

RT: 8.753 min Scan# 1156

Delta R.T. 0.065 min

Lab File: VN081416.D

Acq: 14 Mar 2024 17:41

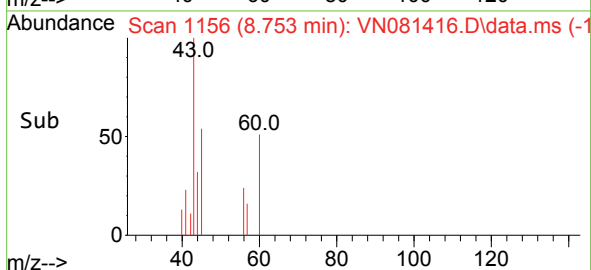
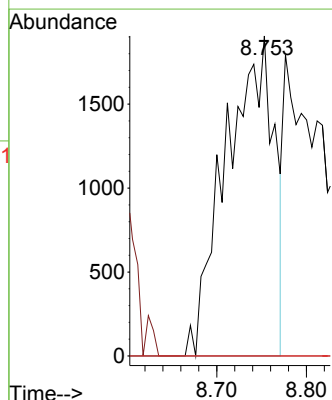
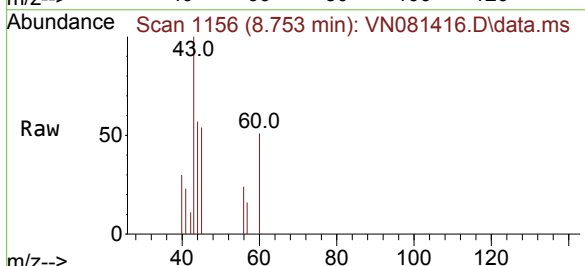
Tgt Ion: 43 Resp: 7059

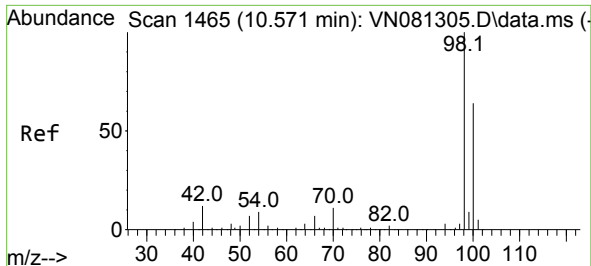
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

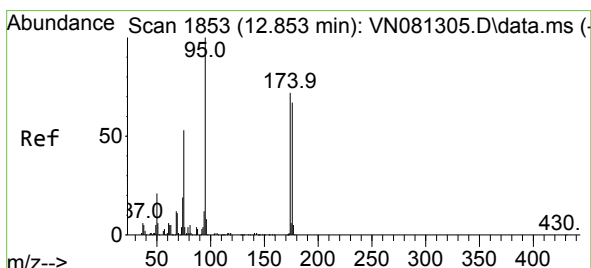
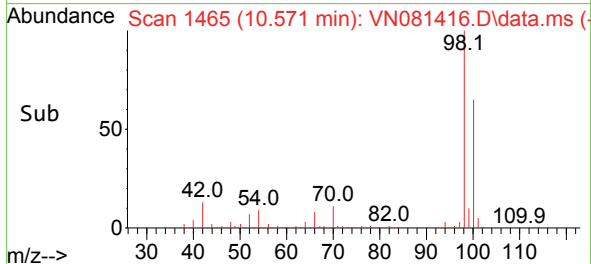
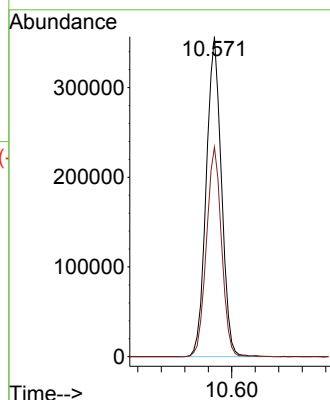
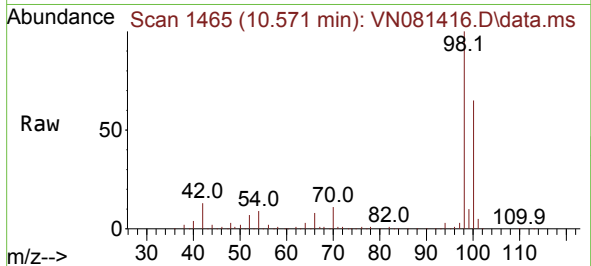




#50
Toluene-d8
Concen: 52.483 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

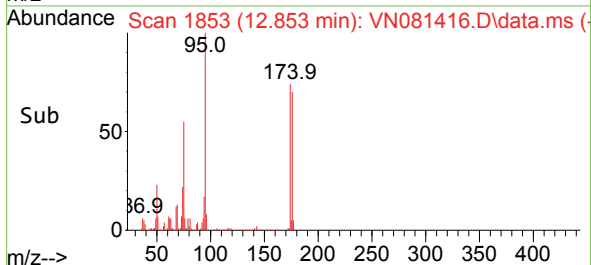
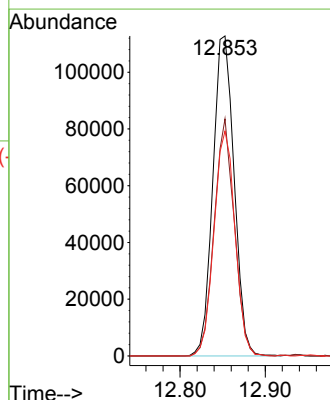
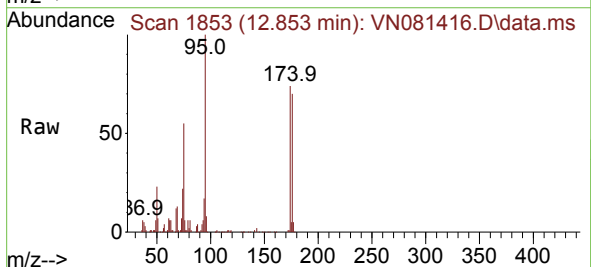
Instrument :
MSVOA_N
ClientSampleId :
MW-1

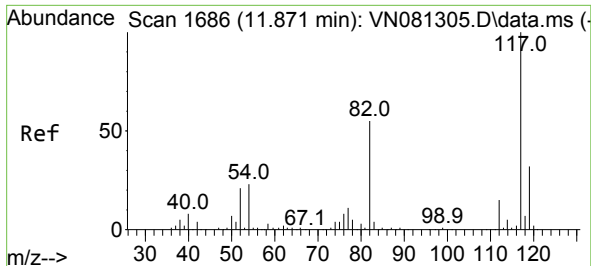
Tgt Ion: 98 Resp: 639392
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.370 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Tgt Ion: 95 Resp: 195357
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 69.5 0.0 121.0

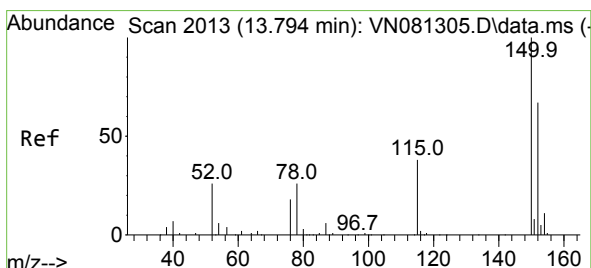
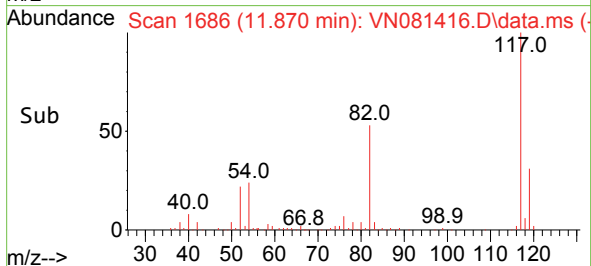
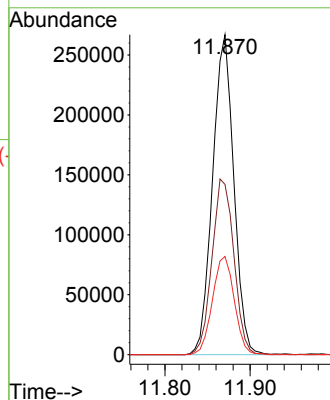
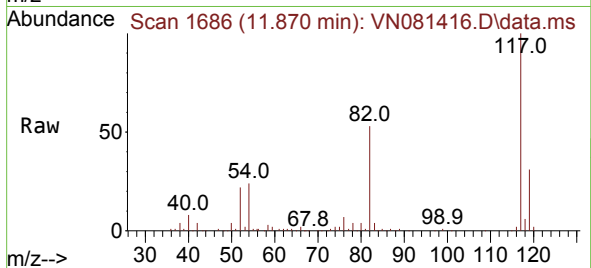




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

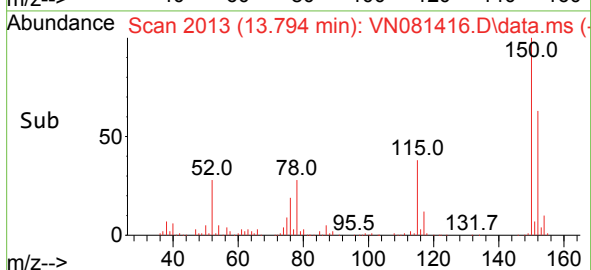
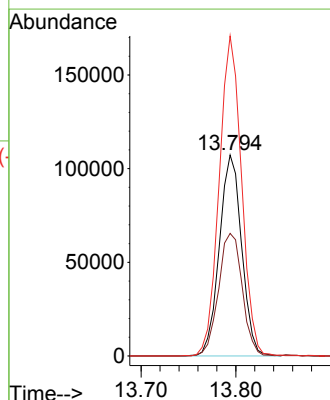
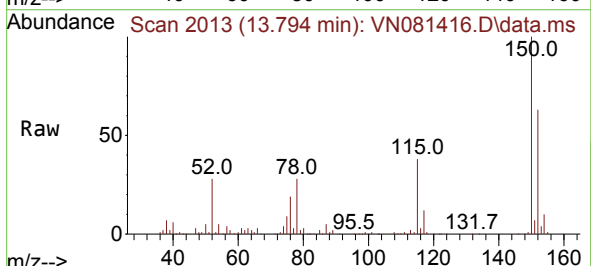
Instrument :
MSVOA_N
ClientSampleId :
MW-1

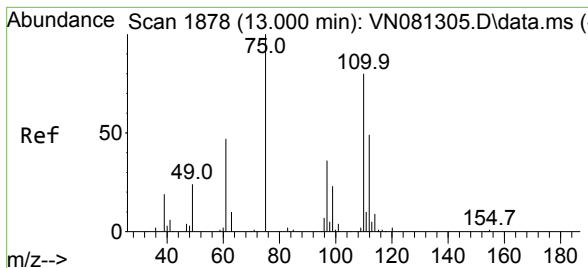
Tgt Ion:117 Resp: 461635
Ion Ratio Lower Upper
117 100
82 53.2 52.7 79.1
119 30.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Tgt Ion:152 Resp: 175578
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 159.7 0.0 339.8

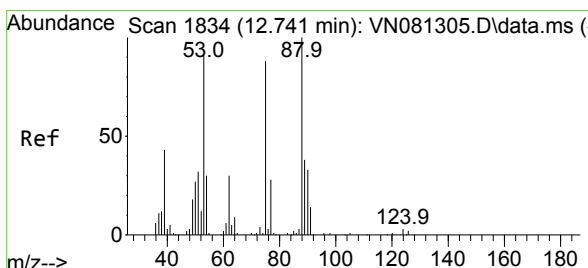
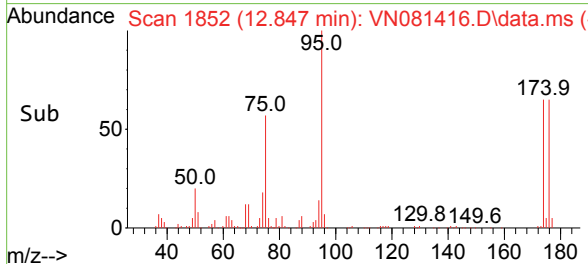
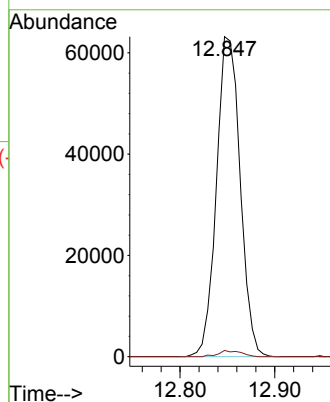
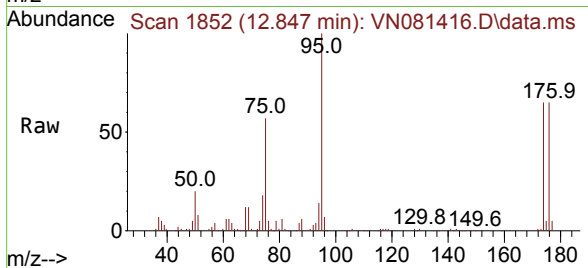




#76
1,2,3-Trichloropropane
Concen: 26.488 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 75 Resp: 109847
Ion Ratio Lower Upper
75 100
77 1.8 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.922 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081416.D
Acq: 14 Mar 2024 17:41

Tgt Ion: 75 Resp: 109847
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.3 33.4 50.0#

