

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081477.D
 Acq On : 19 Mar 2024 17:44
 Operator : JC\MD
 Sample : P1773-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-1

Quant Time: Mar 20 01:21:28 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)

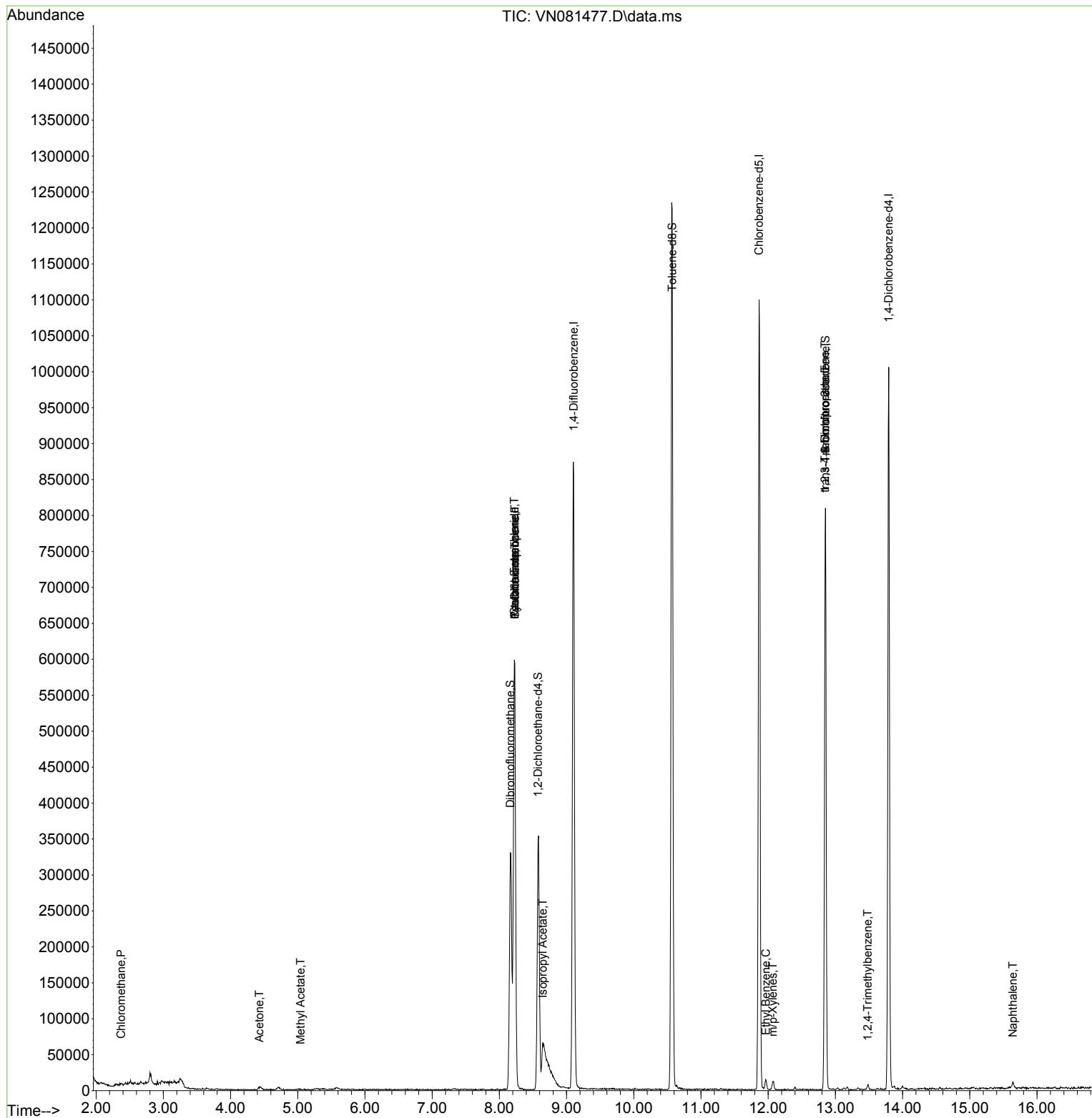
Internal Standards						
1) Pentafluorobenzene	8.229	168	442919	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	778499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	667440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	271220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	278896	49.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.760%
35) Dibromofluoromethane	8.165	113	241198	49.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	10.571	98	892818	50.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.853	95	280125	44.762	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1417	0.239	ug/l	# 43
16) Acetone	4.430	43	6857	3.756	ug/l	99
18) Methyl Acetate	5.041	43	1750	0.311	ug/l	# 88
31) Cyclohexane	8.229	56	10959	1.192	ug/l	# 1
36) 1,1-Dichloropropene	8.229	75	38457	4.651	ug/l	# 50
38) Carbon Tetrachloride	8.224	117	49449	5.459	ug/l	# 18
43) Isopropyl Acetate	8.647	43	123589	10.531	ug/l	# 57
67) Ethyl Benzene	11.965	91	9064	0.331	ug/l	94
68) m/p-Xylenes	12.070	106	3486	0.339	ug/l	83
76) 1,2,3-Trichloropropane	12.847	75	147544	22.742	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	147544	61.456	ug/l	# 14
84) 1,2,4-Trimethylbenzene	13.482	105	4937	0.257	ug/l	99
95) Naphthalene	15.641	128	9257	0.489	ug/l	97

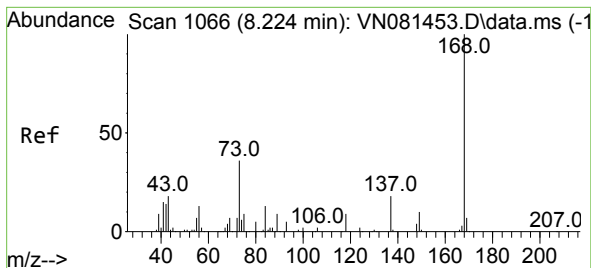
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081477.D

Acq: 19 Mar 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

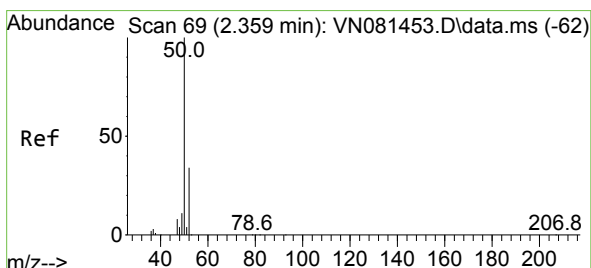
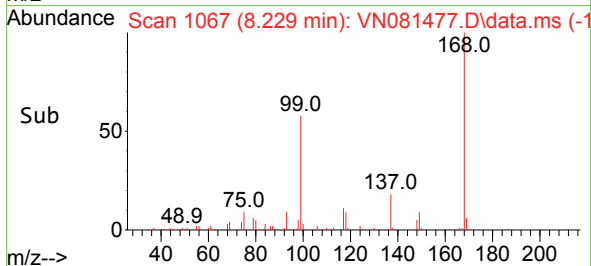
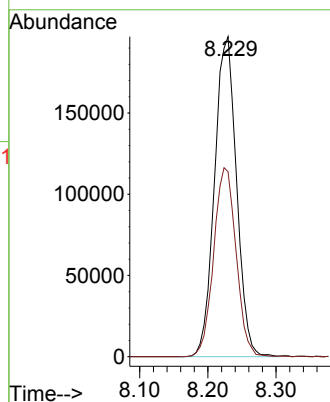
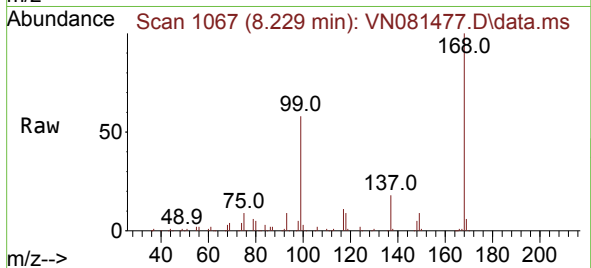
PMW-1

Tgt Ion:168 Resp: 442919

Ion Ratio Lower Upper

168 100

99 57.8 59.9 89.9#



#3

Chloromethane

Concen: 0.239 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081477.D

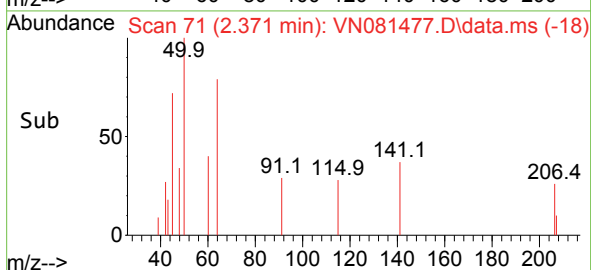
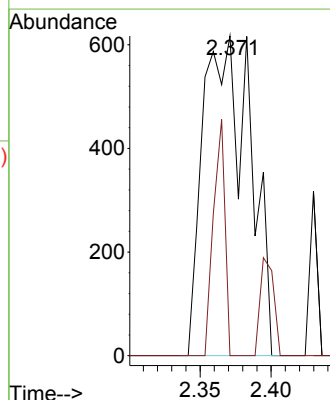
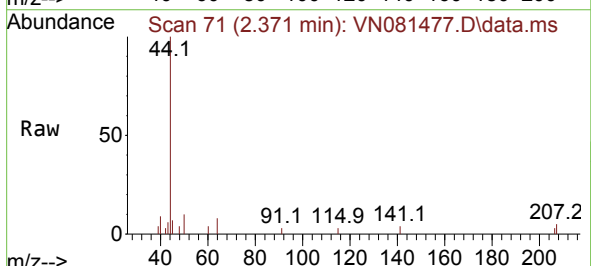
Acq: 19 Mar 2024 17:44

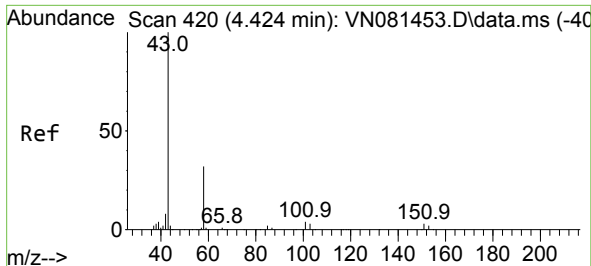
Tgt Ion: 50 Resp: 1417

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

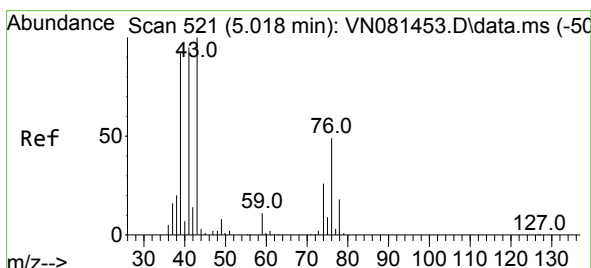
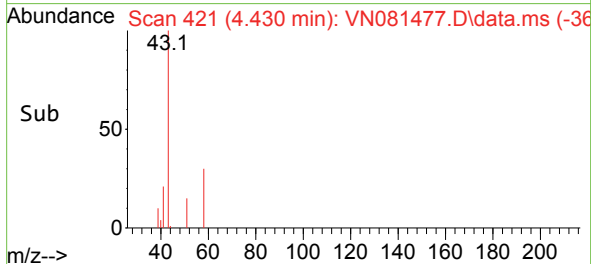
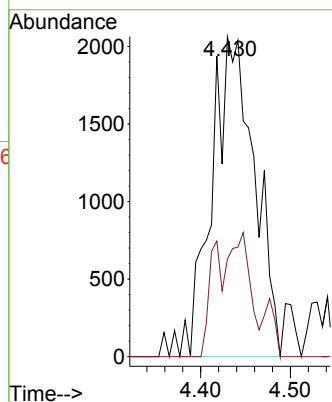
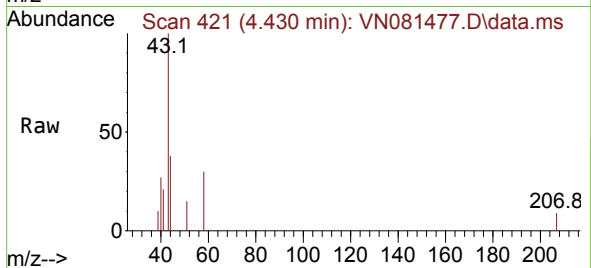




#16
Acetone
Concen: 3.756 ug/l
RT: 4.430 min Scan# 431
Delta R.T. 0.006 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

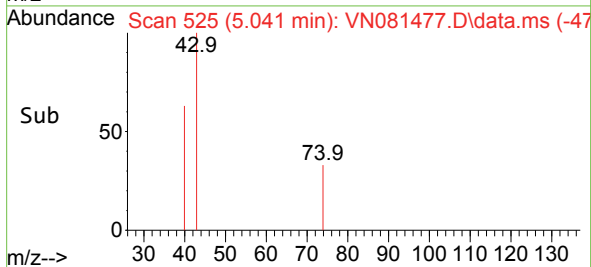
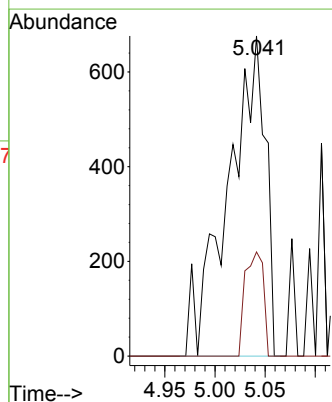
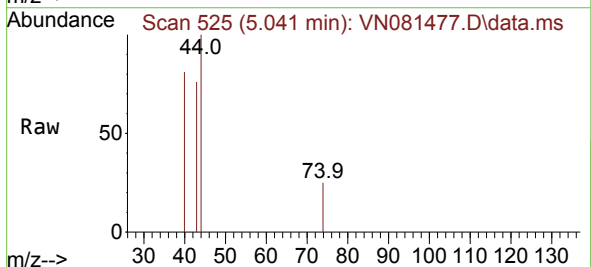
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

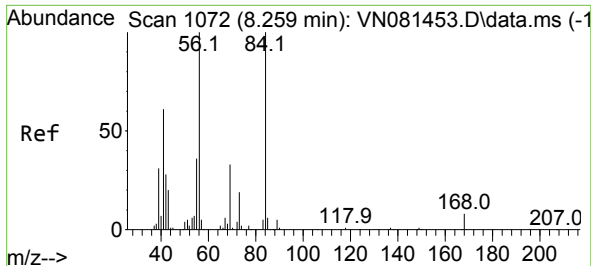
Tgt Ion: 43 Resp: 6857
Ion Ratio Lower Upper
43 100
58 30.5 24.8 37.2



#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
74 15.9 17.3 25.9#

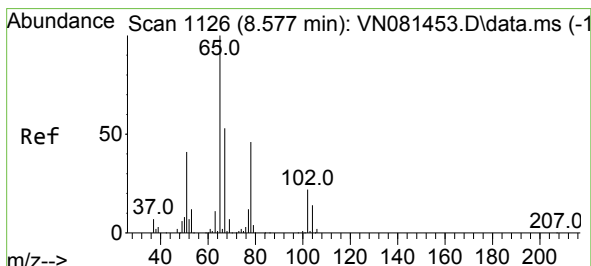
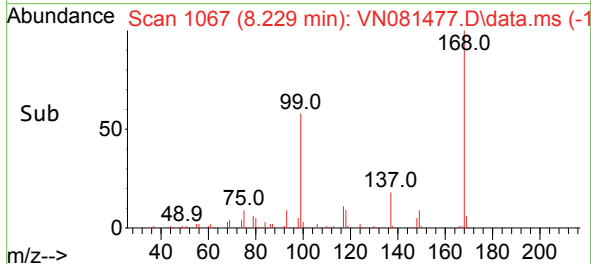
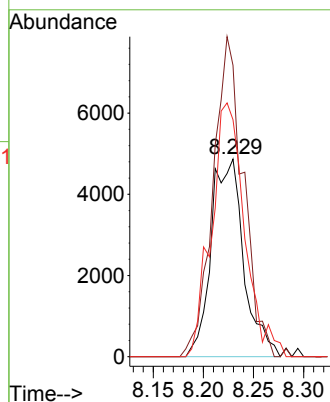
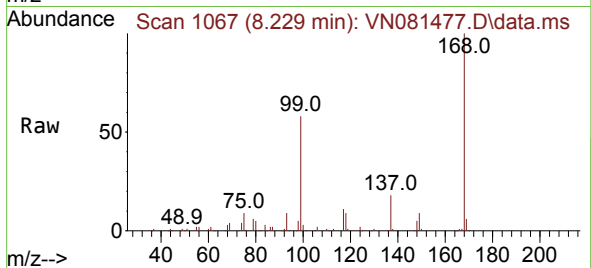




#31
Cyclohexane
Concen: 1.192 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

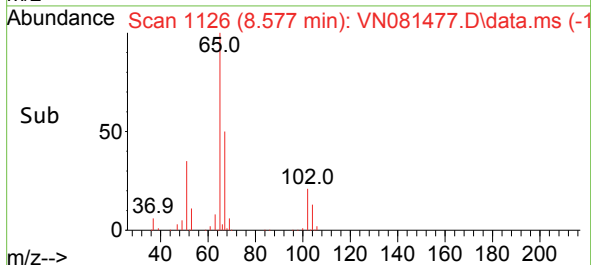
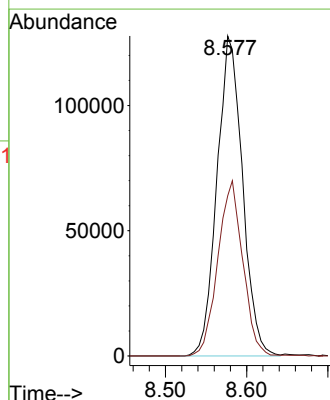
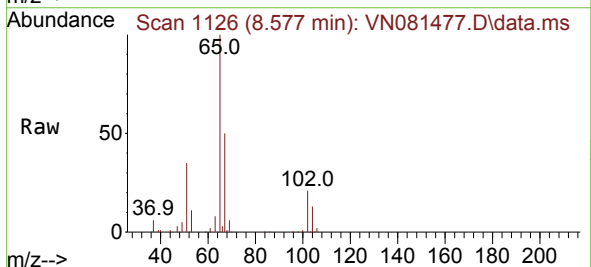
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

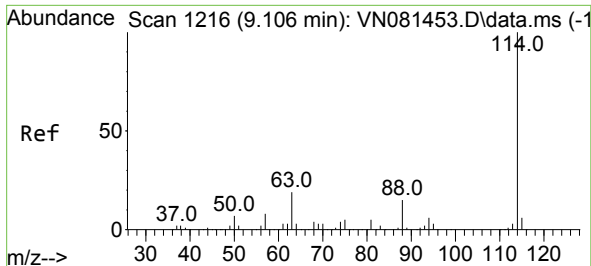
Tgt Ion: 56 Resp: 10959
Ion Ratio Lower Upper
56 100
69 147.4 20.1 30.1#
84 119.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.376 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

Tgt Ion: 65 Resp: 278896
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081477.D

Acq: 19 Mar 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

PMW-1

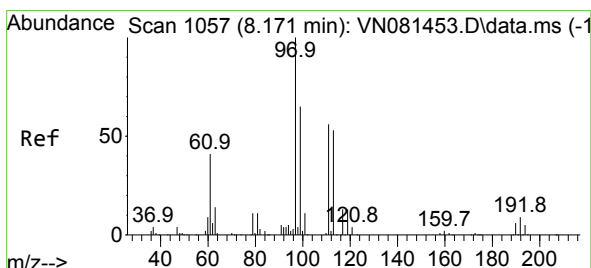
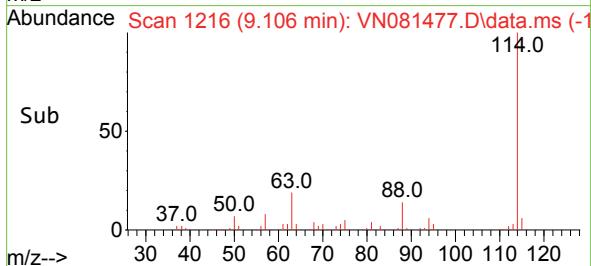
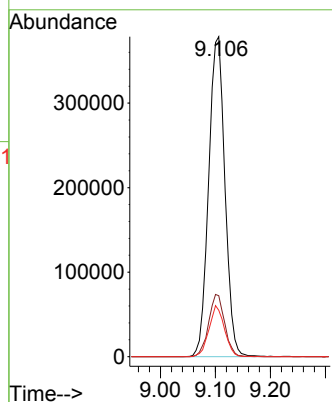
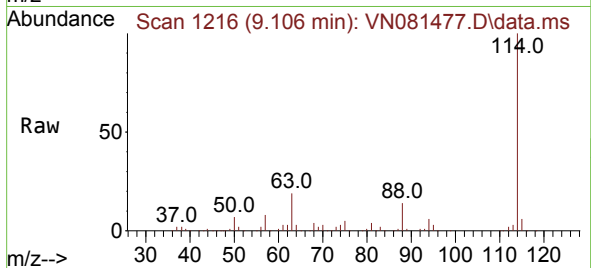
Tgt Ion:114 Resp: 778499

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 14.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.093 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081477.D

Acq: 19 Mar 2024 17:44

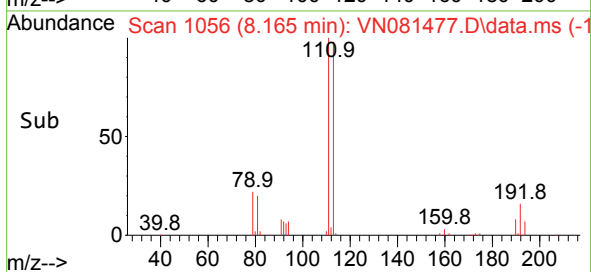
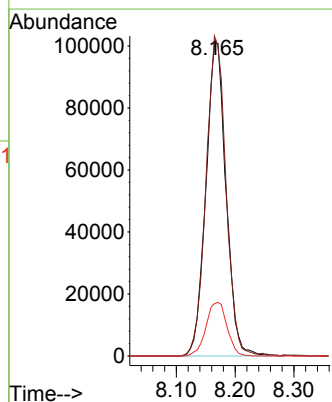
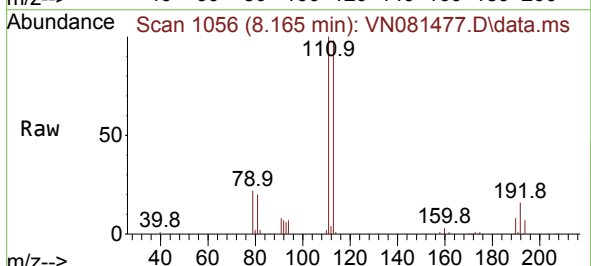
Tgt Ion:113 Resp: 241198

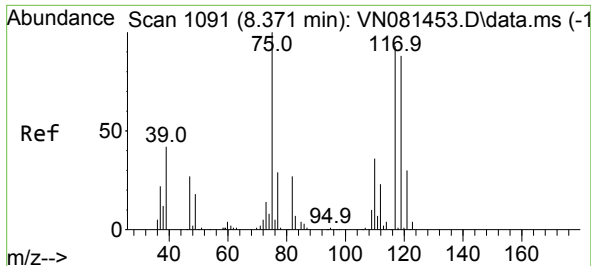
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.8 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081477.D

Acq: 19 Mar 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

PMW-1

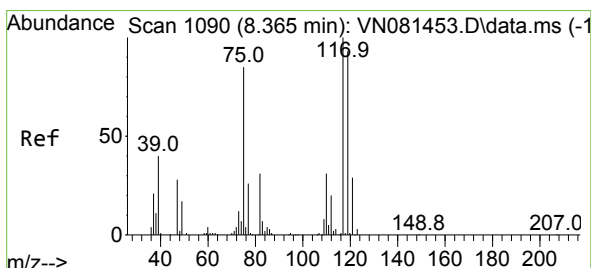
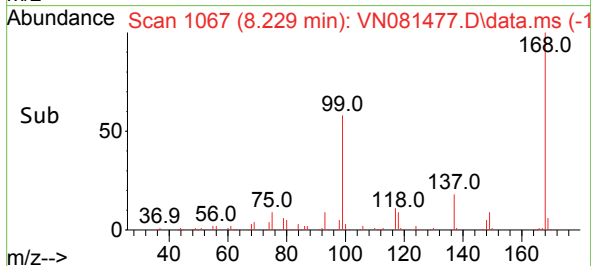
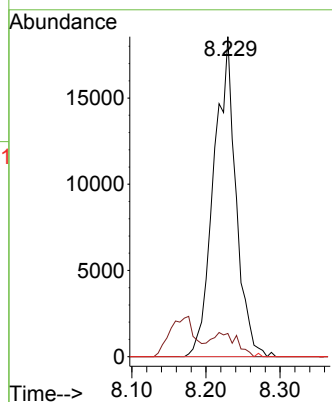
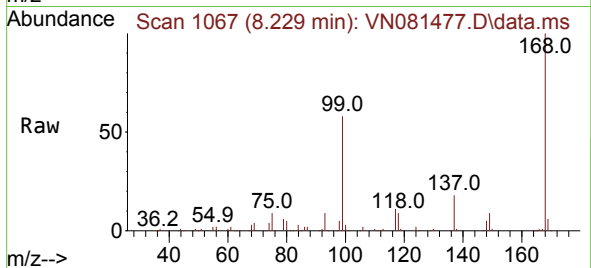
Tgt Ion: 75 Resp: 38457

Ion Ratio Lower Upper

75 100

110 8.5 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.459 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081477.D

Acq: 19 Mar 2024 17:44

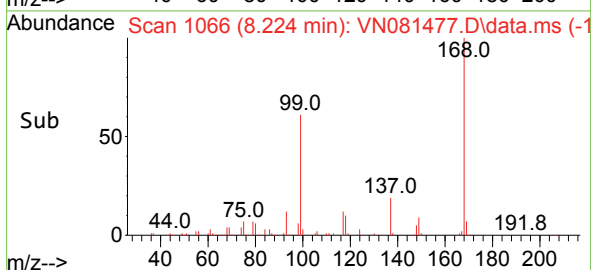
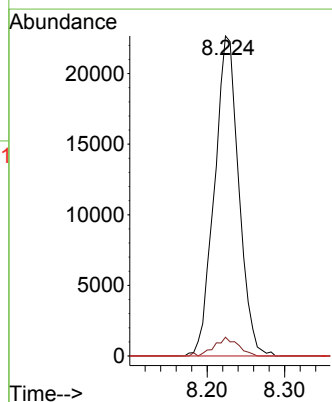
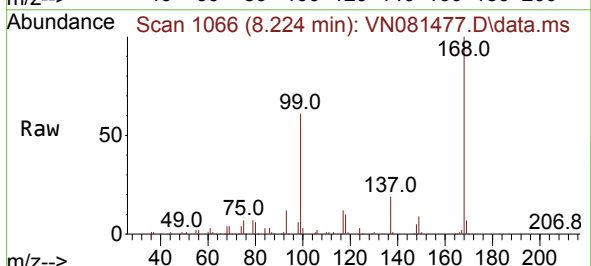
Tgt Ion: 117 Resp: 49449

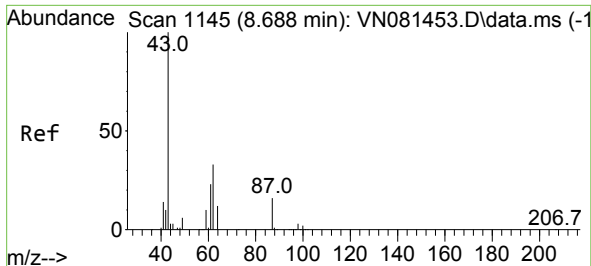
Ion Ratio Lower Upper

117 100

119 5.9 73.4 110.2#

121 0.0 24.4 36.6#

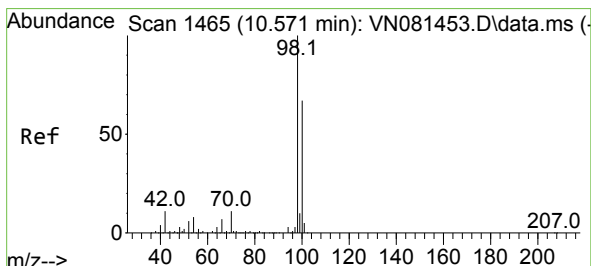
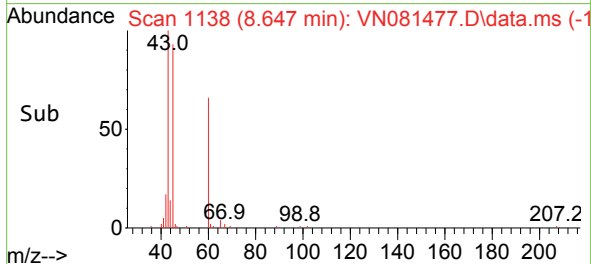
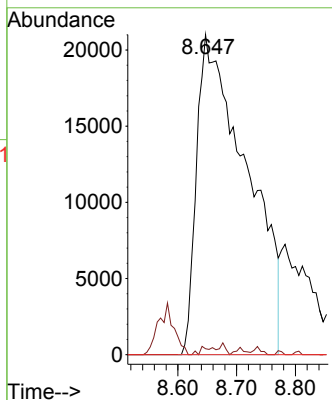
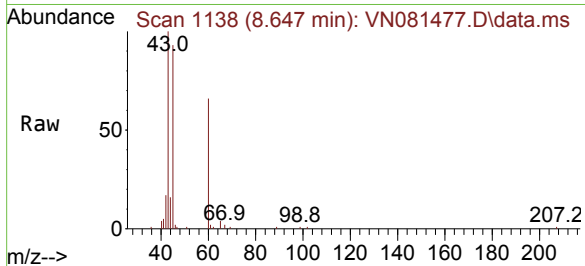




#43
Isopropyl Acetate
Concen: 10.531 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

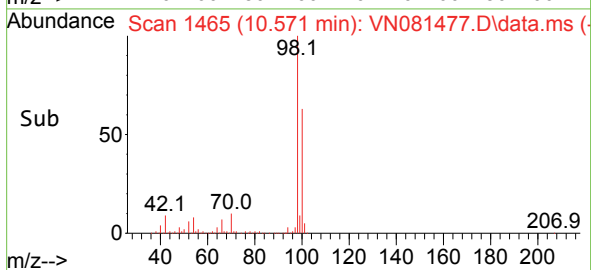
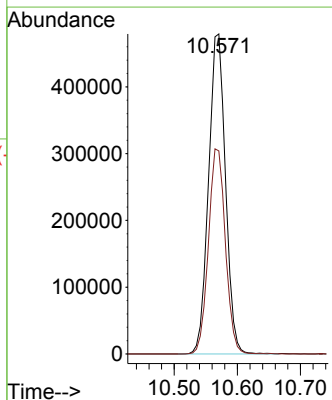
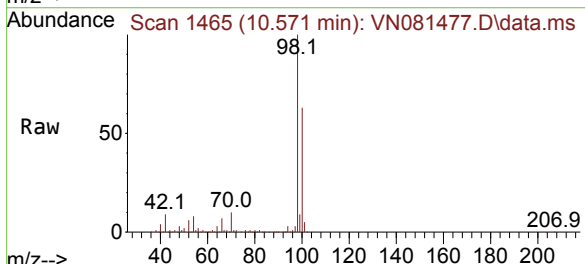
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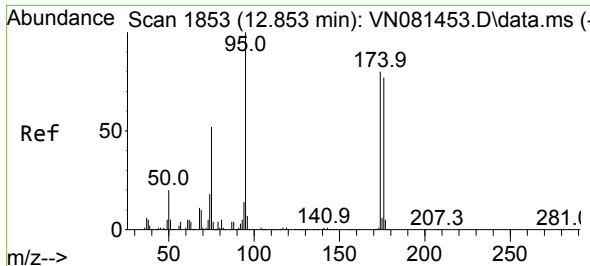
Tgt Ion: 43 Resp: 123589
Ion Ratio Lower Upper
43 100
61 0.4 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 50.270 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

Tgt Ion: 98 Resp: 892818
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

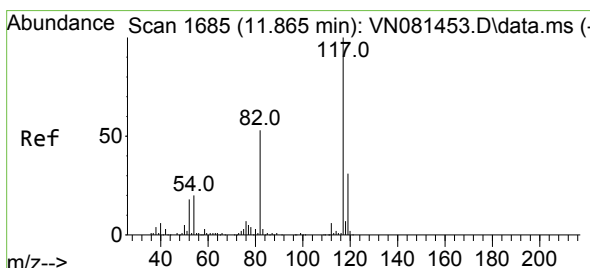
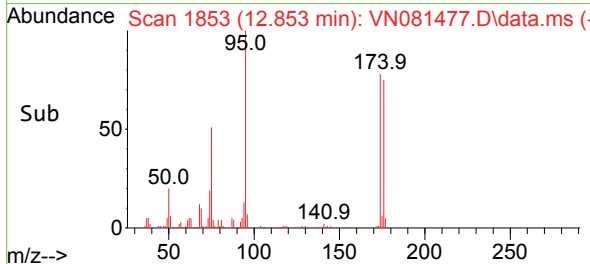
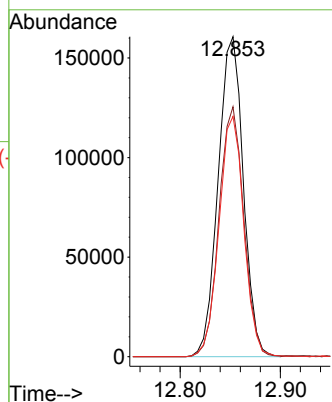
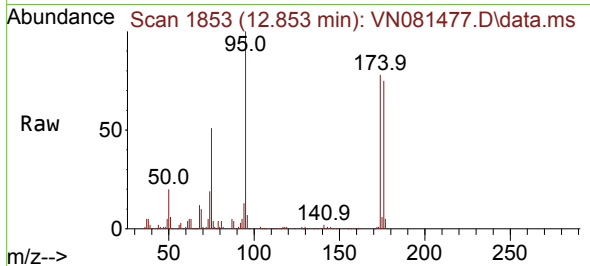




#62
4-Bromofluorobenzene
Concen: 44.762 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

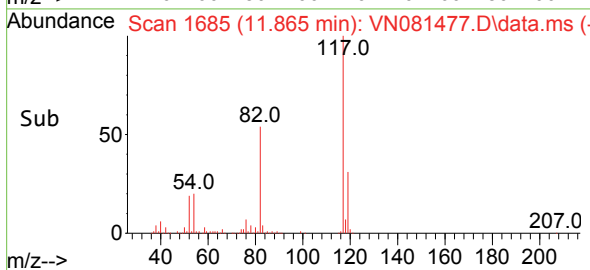
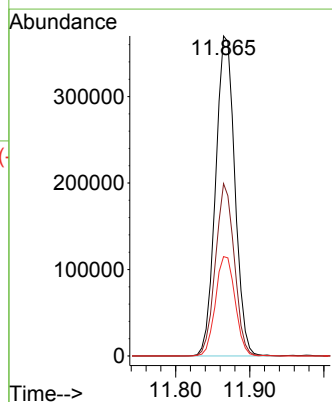
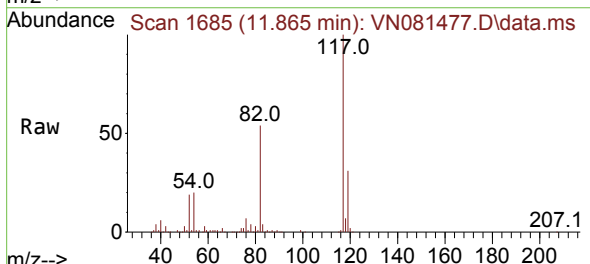
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

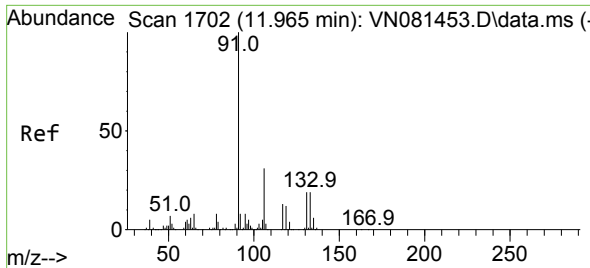
Tgt Ion: 95 Resp: 280125
Ion Ratio Lower Upper
95 100
174 77.3 0.0 120.4
176 74.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

Tgt Ion: 117 Resp: 667440
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 31.1 25.3 37.9

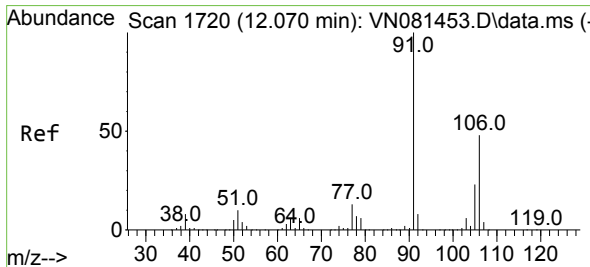
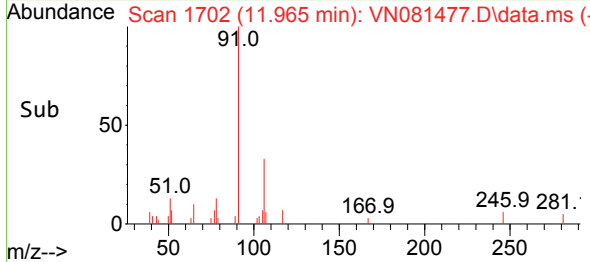
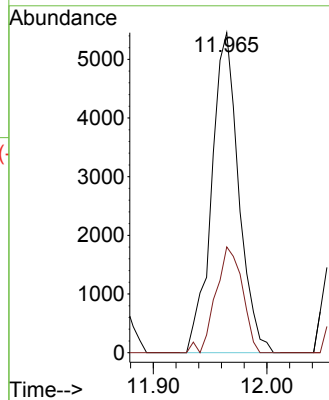
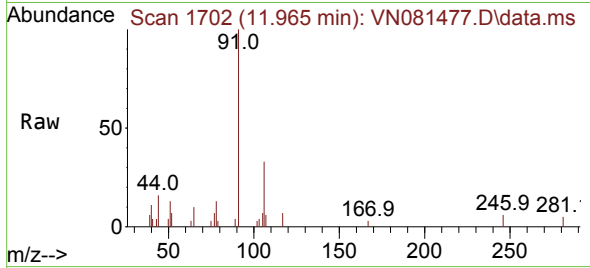




#67
Ethyl Benzene
Concen: 0.331 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

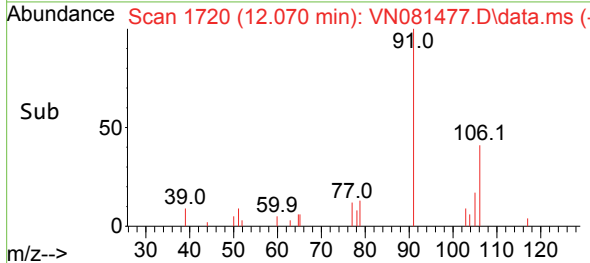
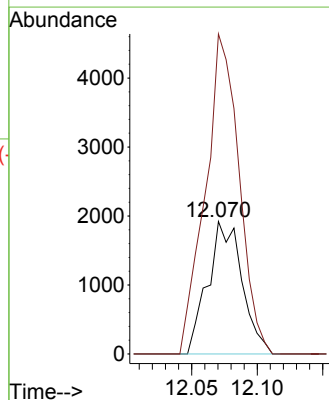
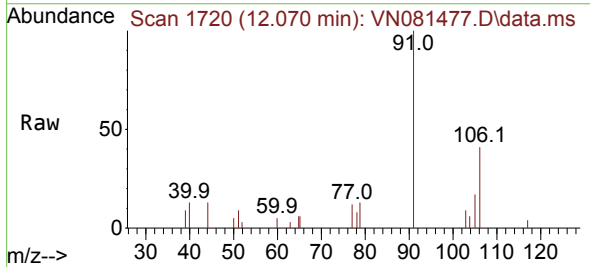
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

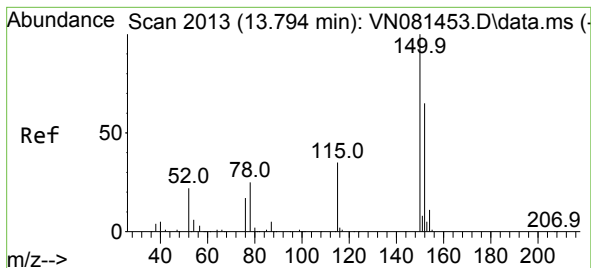
Tgt Ion: 91 Resp: 9064
Ion Ratio Lower Upper
91 100
106 33.1 23.8 35.6



#68
m/p-Xylenes
Concen: 0.339 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

Tgt Ion: 106 Resp: 3486
Ion Ratio Lower Upper
106 100
91 238.1 169.0 253.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081477.D

Acq: 19 Mar 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

PMW-1

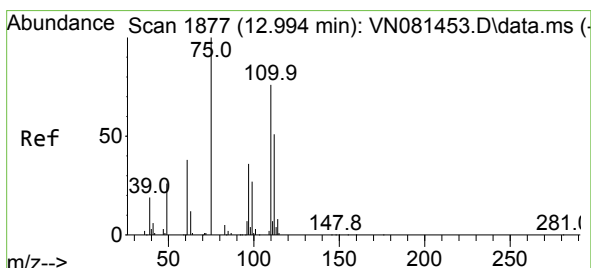
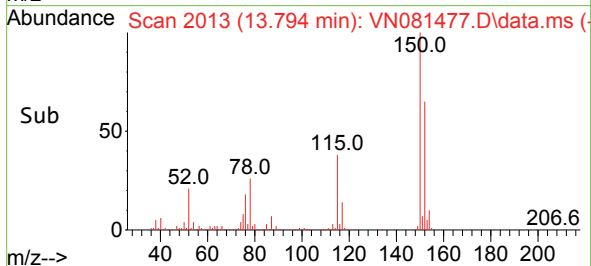
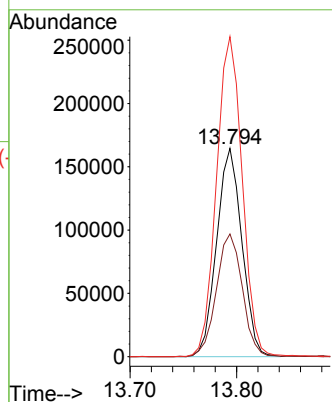
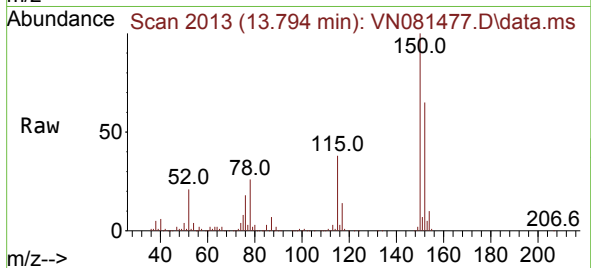
Tgt Ion:152 Resp: 271220

Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 156.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 22.742 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081477.D

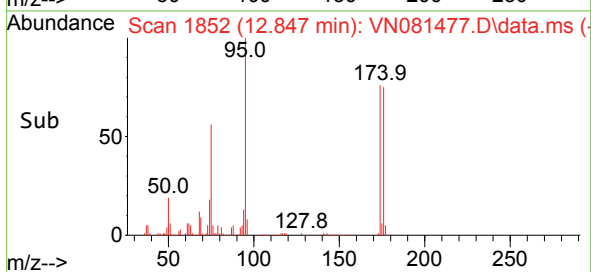
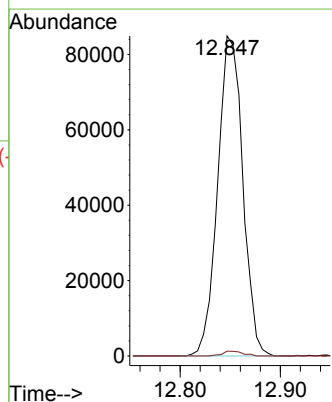
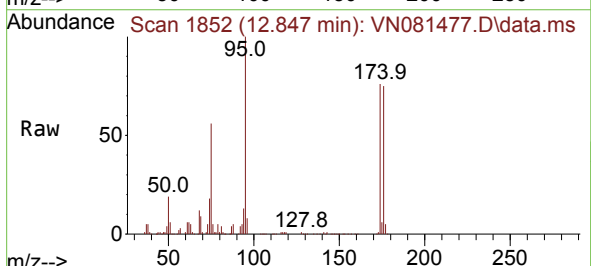
Acq: 19 Mar 2024 17:44

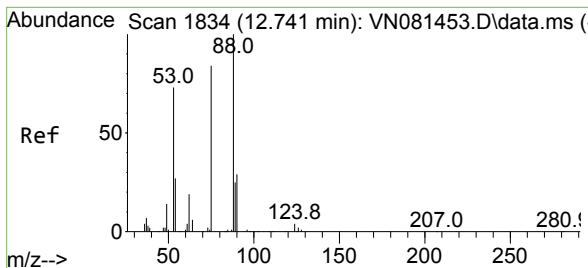
Tgt Ion: 75 Resp: 147544

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#

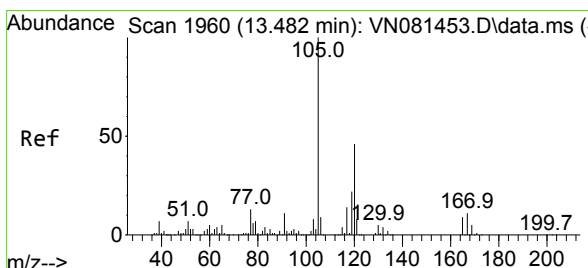
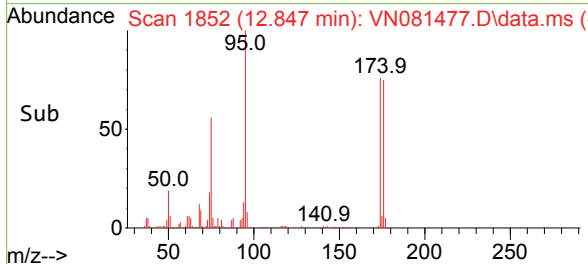
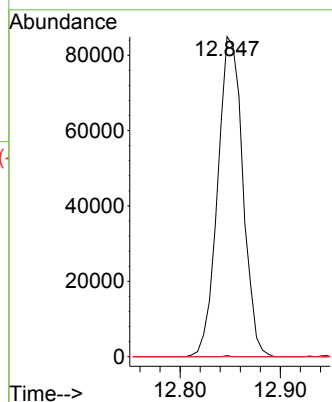
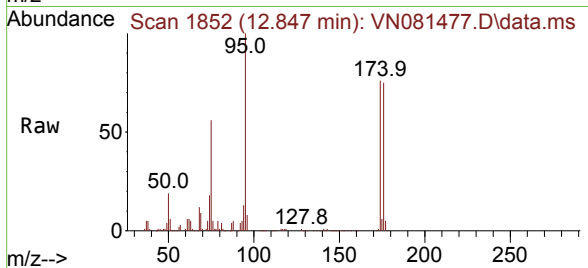




#81
trans-1,4-Dichloro-2-butene
Concen: 61.456 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

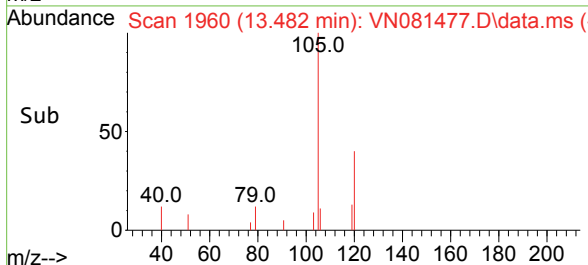
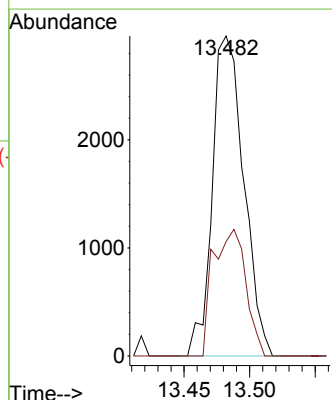
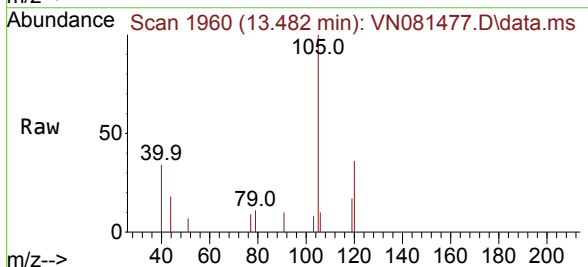
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

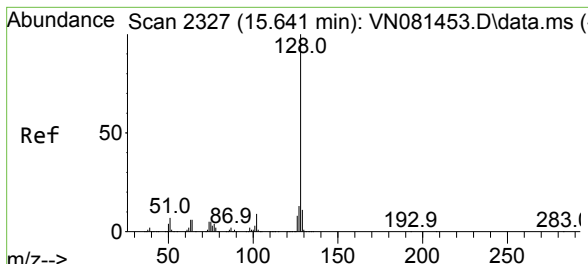
Tgt Ion: 75 Resp: 147544
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081477.D
Acq: 19 Mar 2024 17:44

Tgt Ion: 105 Resp: 4937
Ion Ratio Lower Upper
105 100
120 41.1 20.9 62.7





#95
 Naphthalene
 Concen: 0.489 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081477.D
 Acq: 19 Mar 2024 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-1

Tgt Ion:	128	Resp:	9257
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	12.7	8.7	13.1

