

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081478.D
 Acq On : 19 Mar 2024 18:08
 Operator : JC\MD
 Sample : P1773-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-2

Quant Time: Mar 20 01:21:50 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)

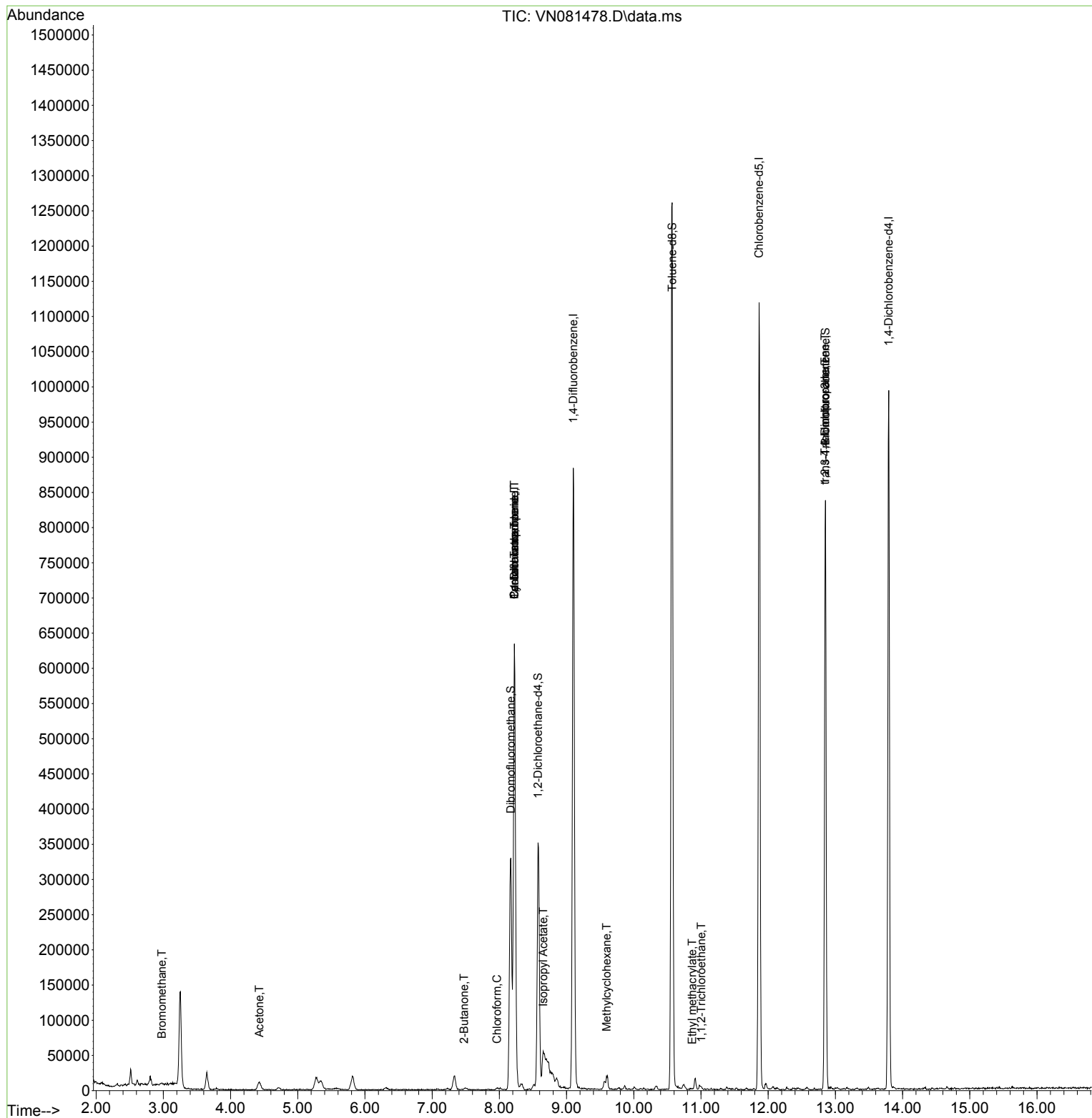
Internal Standards						
1) Pentafluorobenzene	8.224	168	441811	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	785619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	665094	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	285457	50.664	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.320%		
35) Dibromofluoromethane	8.171	113	240049	48.416	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.840%		
50) Toluene-d8	10.571	98	898146	50.112	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.220%		
62) 4-Bromofluorobenzene	12.853	95	277815	43.991	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 87.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	971	0.207	ug/l	# 68
16) Acetone	4.430	43	11208	6.155	ug/l	# 75
25) 2-Butanone	7.477	43	967	0.310	ug/l	# 51
30) Chloroform	7.965	83	2211	0.203	ug/l	# 77
31) Cyclohexane	8.224	56	14232	1.552	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	35127	4.210	ug/l	# 51
38) Carbon Tetrachloride	8.224	117	48491	5.305	ug/l	# 18
39) Methylcyclohexane	9.594	83	10277	1.103	ug/l	# 83
43) Isopropyl Acetate	8.653	43	33509	2.829	ug/l	# 59
55) 1,1,2-Trichloroethane	11.006	97	1534	0.246	ug/l	# 13
56) Ethyl methacrylate	10.871	69	80	0.580	ug/l	# 1
76) 1,2,3-Trichloropropane	12.847	75	145996	22.595	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	145996	61.060	ug/l	# 14

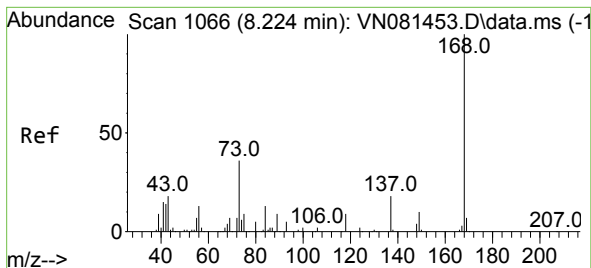
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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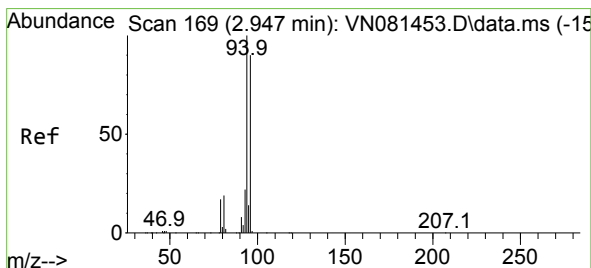
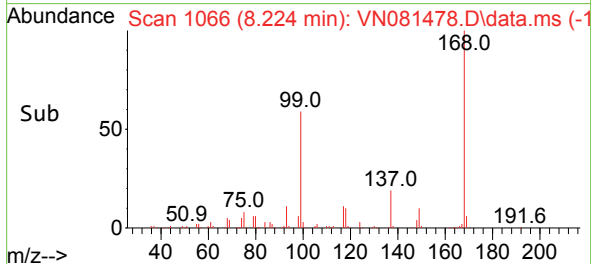
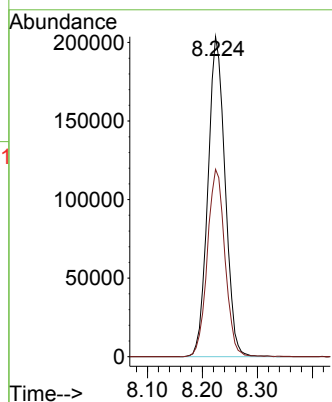
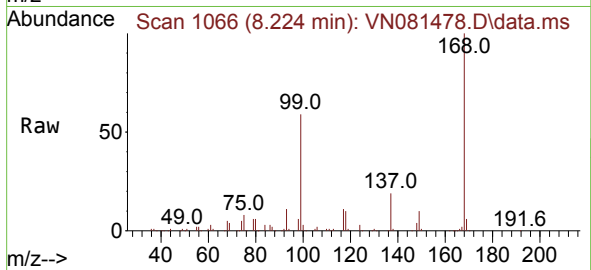




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

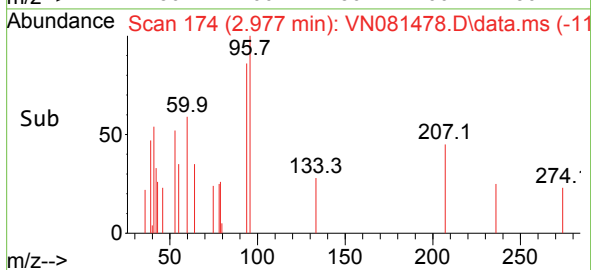
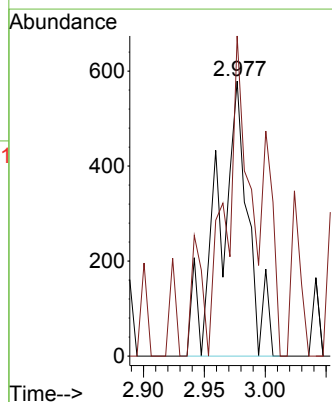
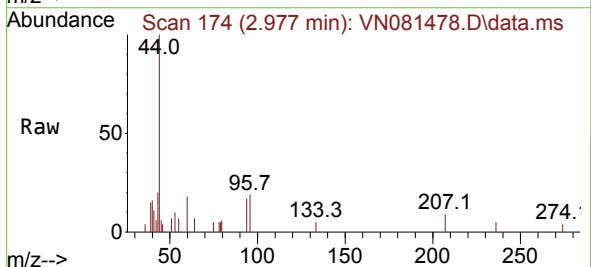
Instrument :
MSVOA_N
ClientSampleId :
PMW-2

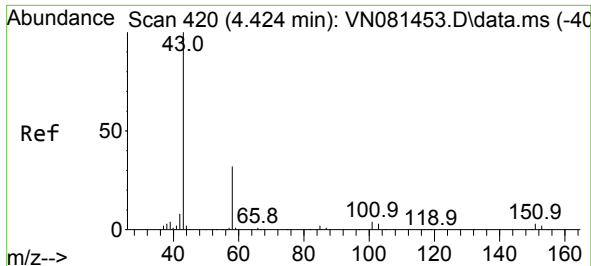
Tgt Ion:168 Resp: 441811
Ion Ratio Lower Upper
168 100
99 58.6 59.9 89.9#



#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 94 Resp: 971
Ion Ratio Lower Upper
94 100
96 116.4 69.2 103.8#

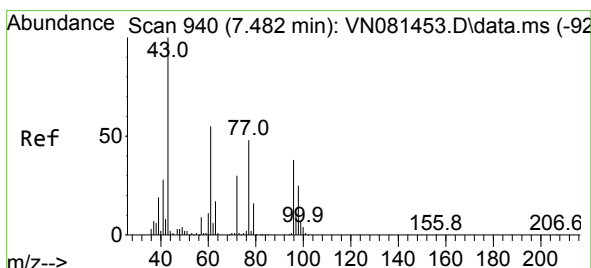
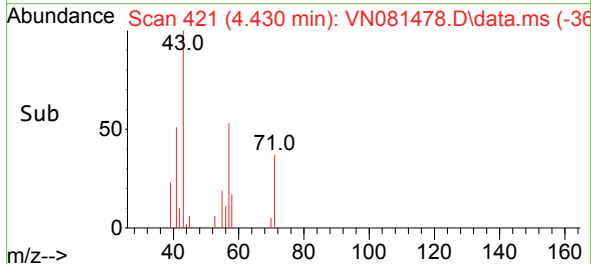
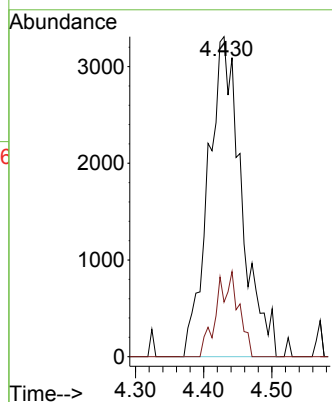
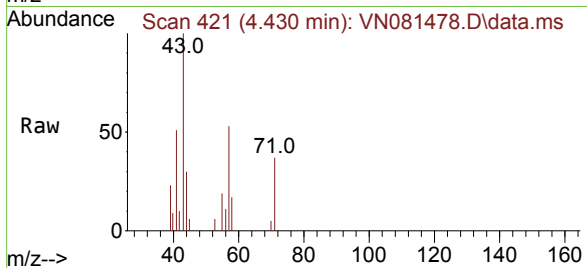




#16
Acetone
Concen: 6.155 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

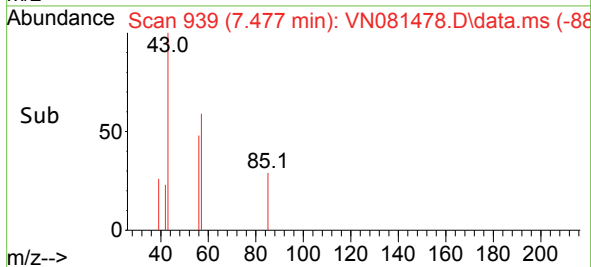
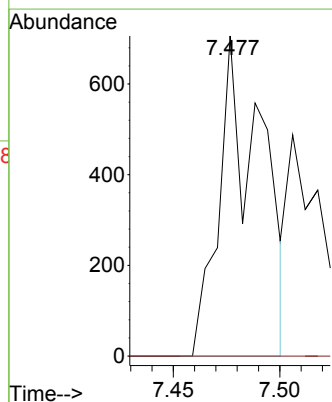
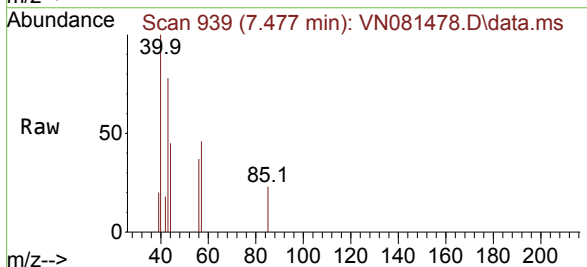
Instrument :
MSVOA_N
ClientSampleId :
PMW-2

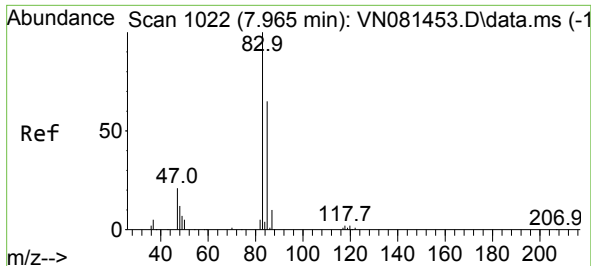
Tgt Ion: 43 Resp: 11208
Ion Ratio Lower Upper
43 100
58 17.0 24.8 37.2#



#25
2-Butanone
Concen: 0.310 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#





#30

Chloroform

Concen: 0.203 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

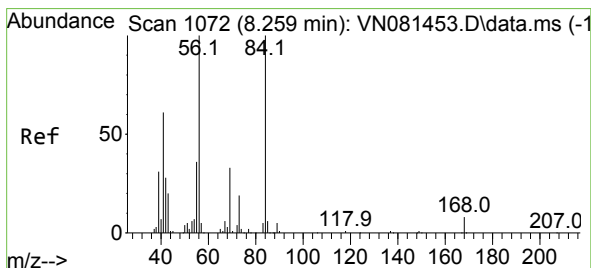
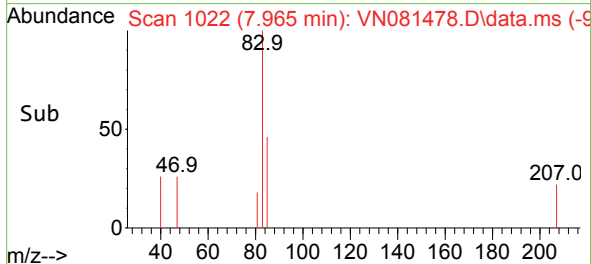
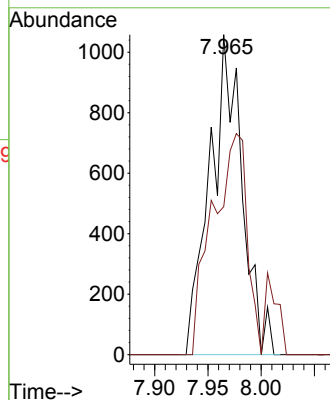
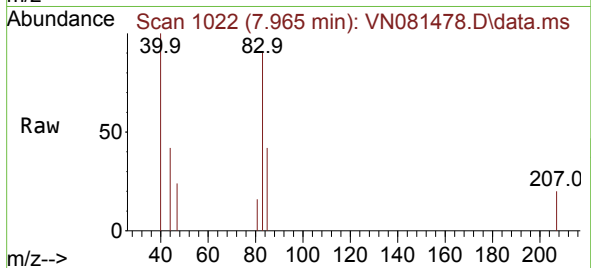
PMW-2

Tgt Ion: 83 Resp: 2211

Ion Ratio Lower Upper

83 100

85 46.2 51.0 76.6#



#31

Cyclohexane

Concen: 1.552 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

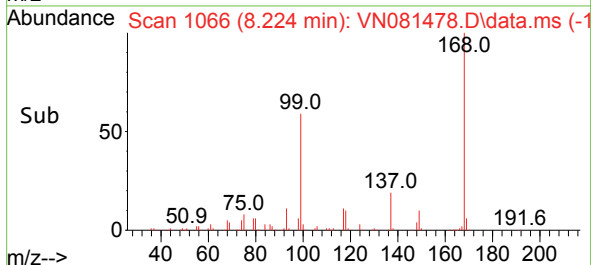
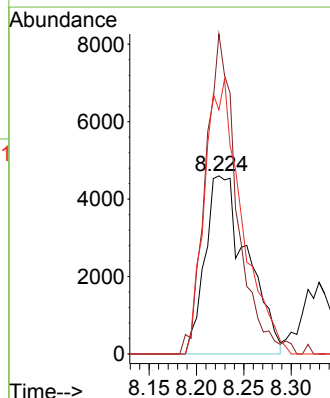
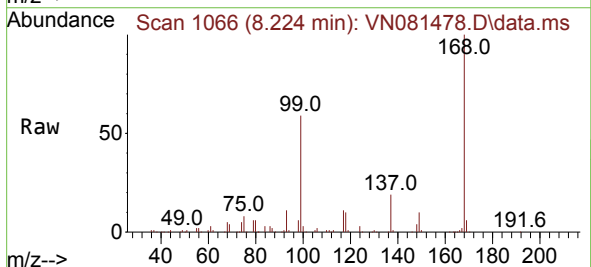
Tgt Ion: 56 Resp: 14232

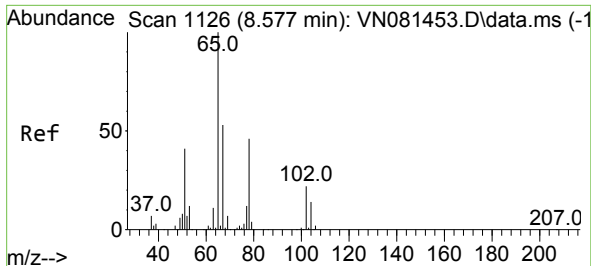
Ion Ratio Lower Upper

56 100

69 179.7 20.1 30.1#

84 137.1 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.664 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

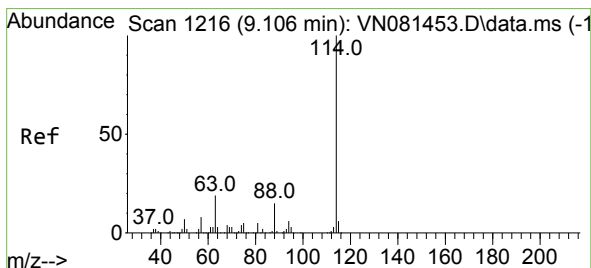
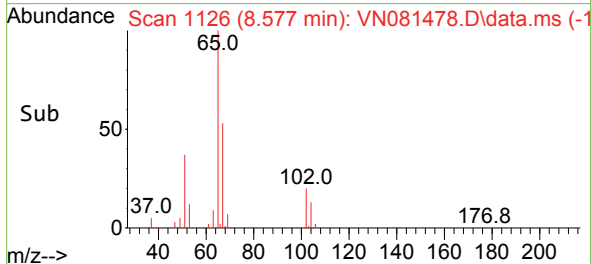
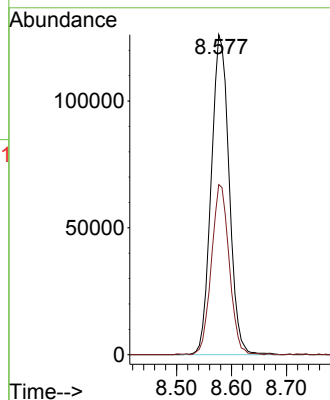
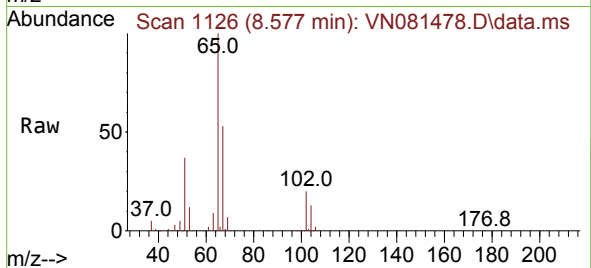
PMW-2

Tgt Ion: 65 Resp: 285457

Ion Ratio Lower Upper

65 100

67 52.8 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: VN081478.D

Acq: 19 Mar 2024 18:08

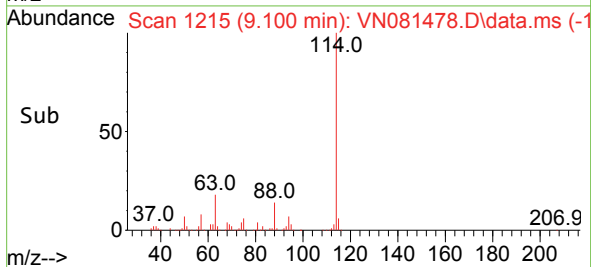
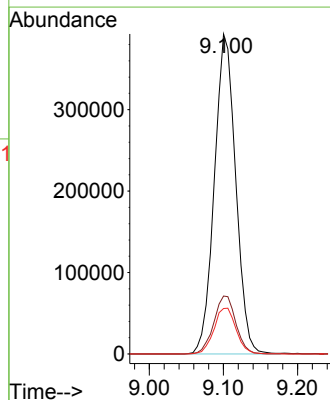
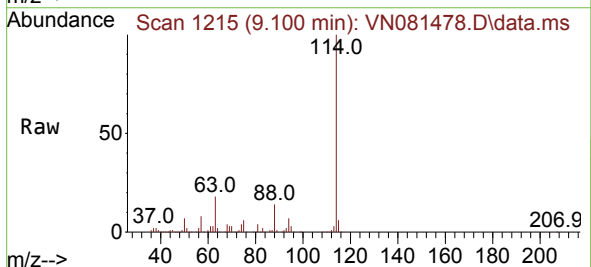
Tgt Ion: 114 Resp: 785619

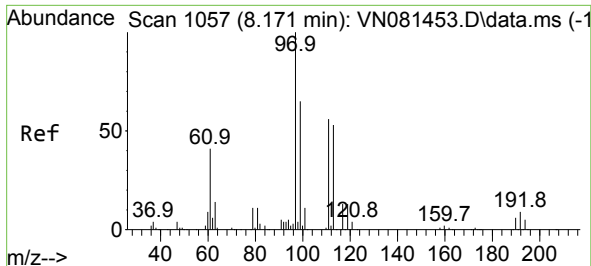
Ion Ratio Lower Upper

114 100

63 18.1 0.0 48.0

88 14.2 0.0 34.8

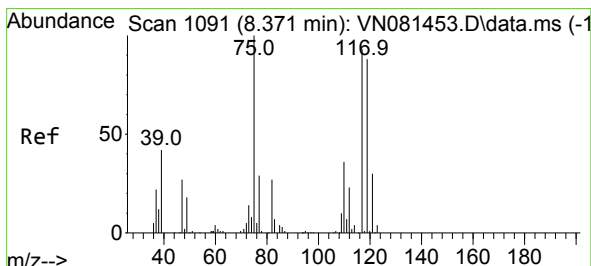
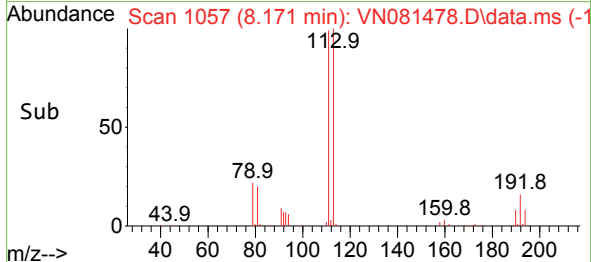
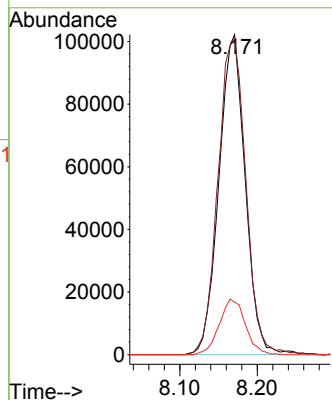
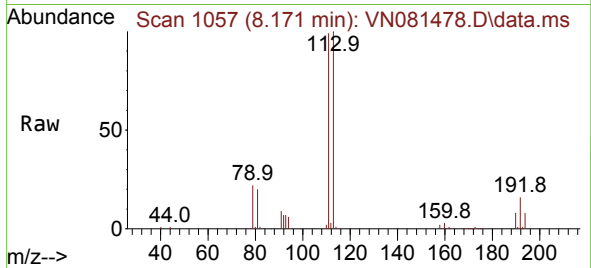




#35
 Dibromofluoromethane
 Concen: 48.416 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

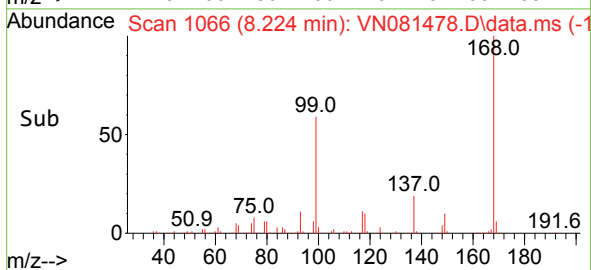
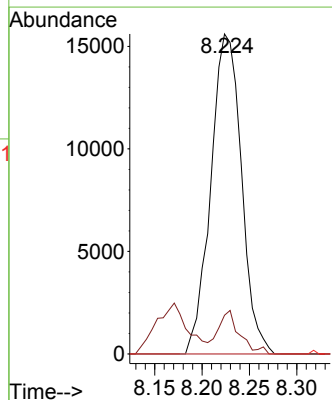
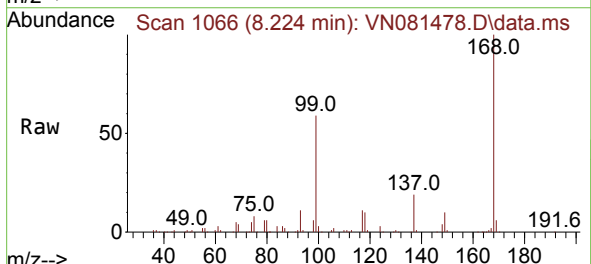
Instrument :
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 PMW-2

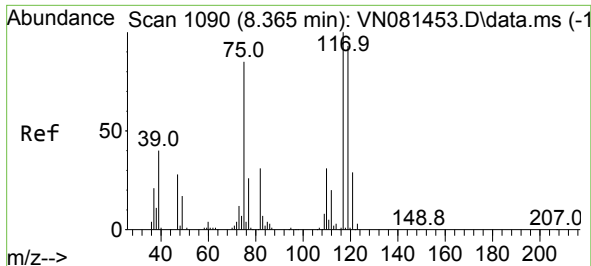
Tgt Ion:113 Resp: 240049
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.2 123.4
 192 17.3 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.210 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

Tgt Ion: 75 Resp: 35127
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.0 48.0#
 77 0.0 25.8 38.6#

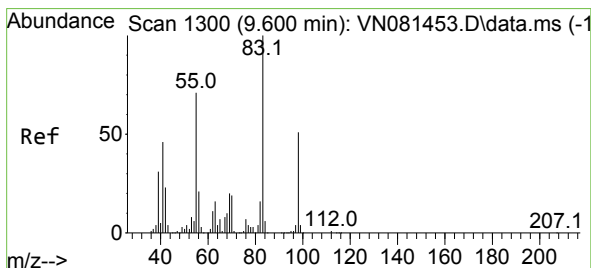
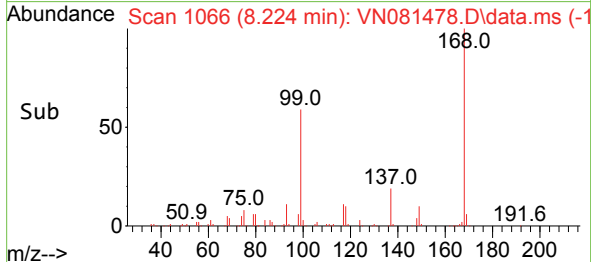
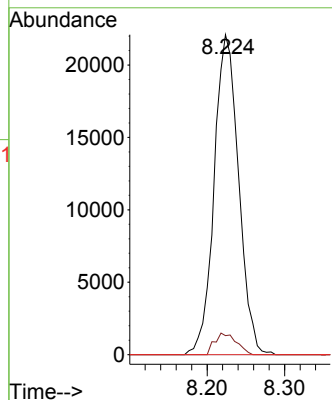
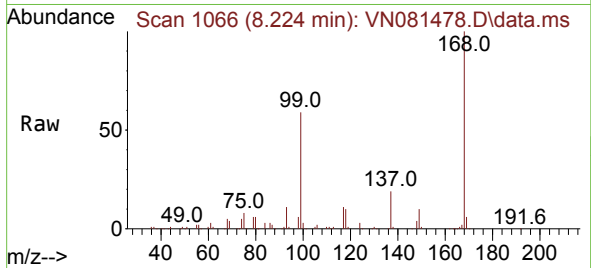




#38
Carbon Tetrachloride
Concen: 5.305 ug/l
RT: 8.224 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

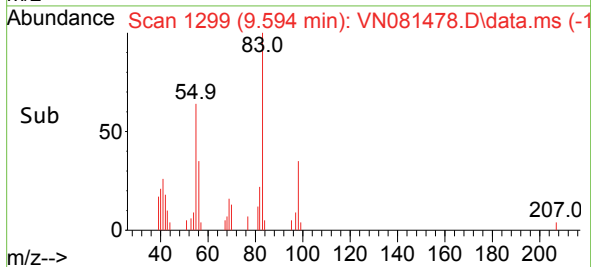
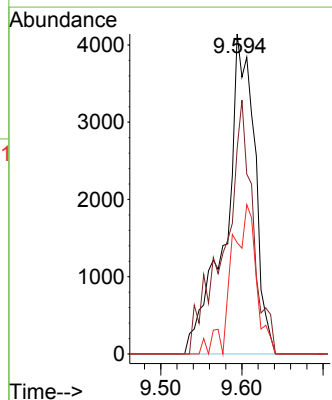
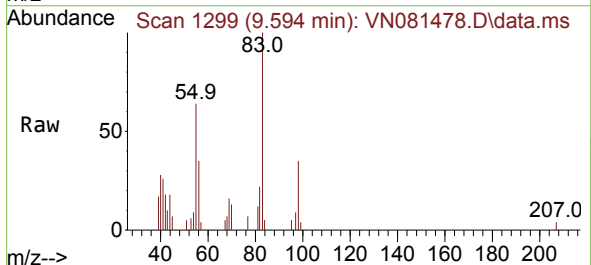
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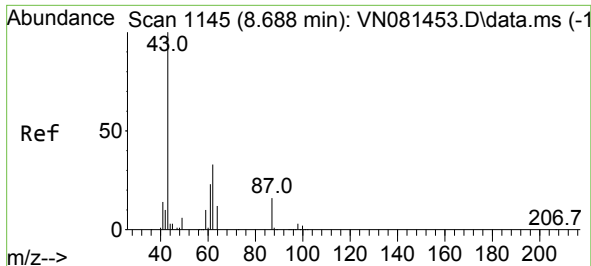
Tgt Ion:117 Resp: 48491
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.103 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 83 Resp: 10277
Ion Ratio Lower Upper
83 100
55 64.3 65.7 98.5#
98 34.8 33.8 50.6

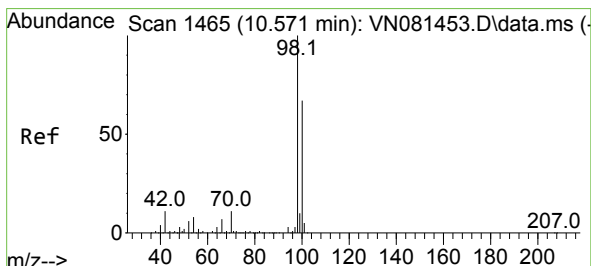
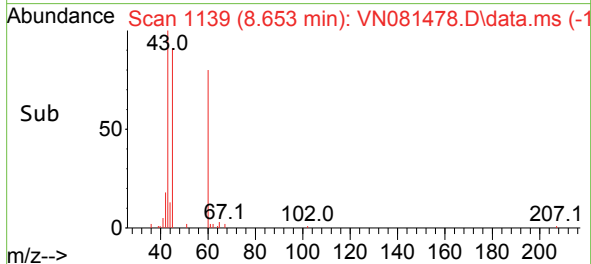
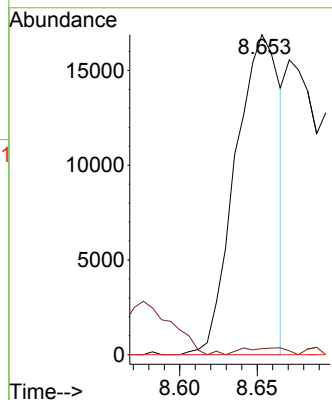
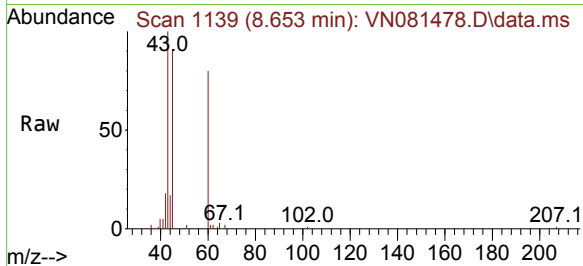




#43
Isopropyl Acetate
Concen: 2.829 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

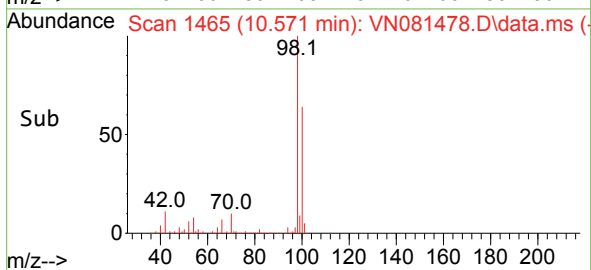
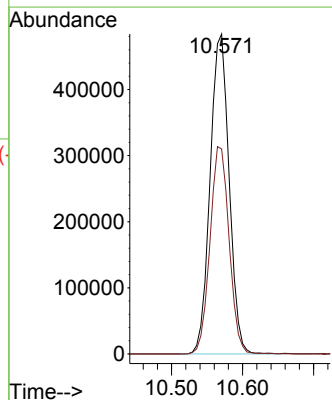
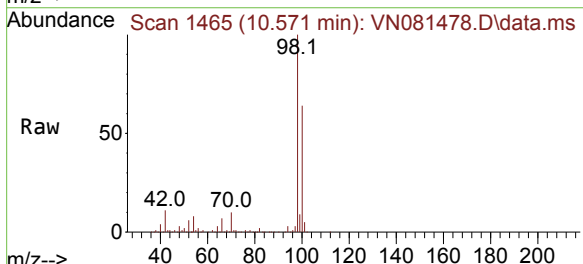
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PMW-2

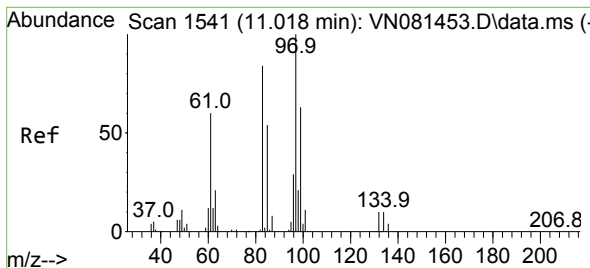
Tgt Ion: 43 Resp: 33509
Ion Ratio Lower Upper
43 100
61 2.1 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 50.112 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 98 Resp: 898146
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0





#55

1,1,2-Trichloroethane

Concen: 0.246 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

PMW-2

Tgt Ion: 97 Resp: 1534

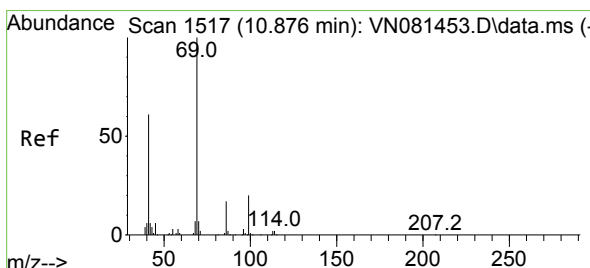
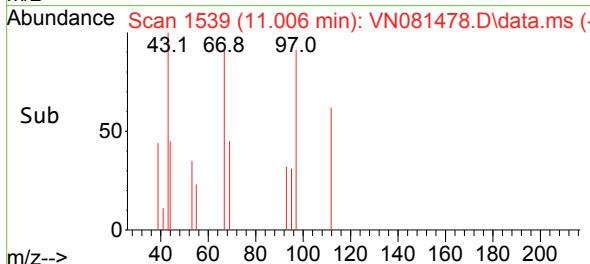
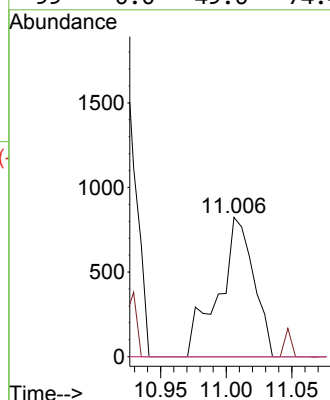
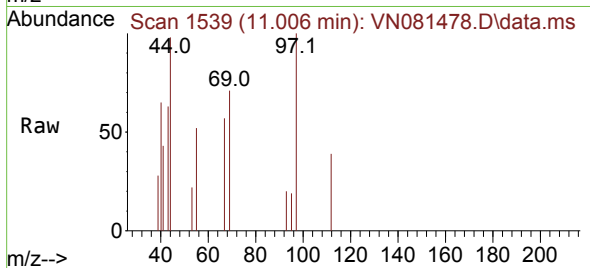
Ion Ratio Lower Upper

97 100

83 0.0 72.9 109.3#

85 0.0 50.2 75.2#

99 0.0 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.580 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

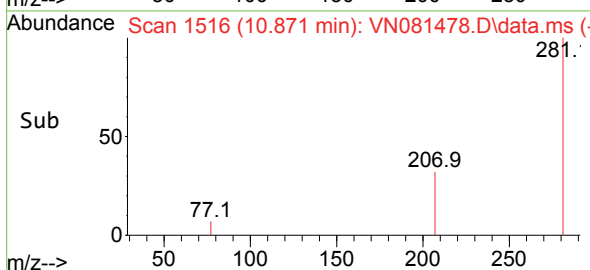
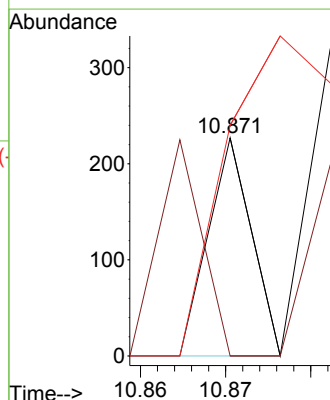
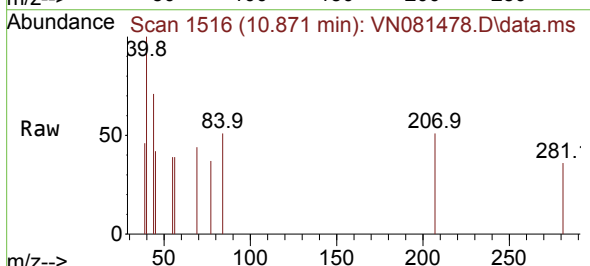
Tgt Ion: 69 Resp: 80

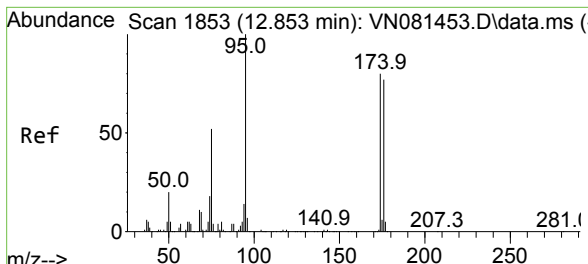
Ion Ratio Lower Upper

69 100

41 0.0 61.0 91.6#

39 540.0 31.8 47.6#

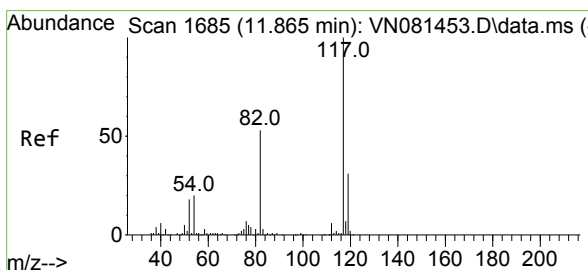
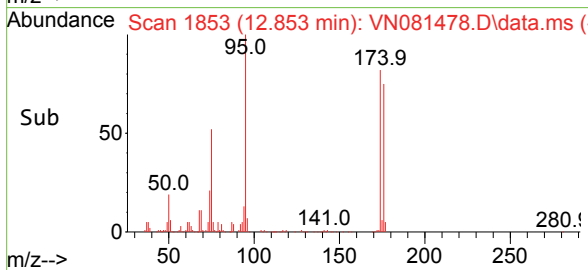
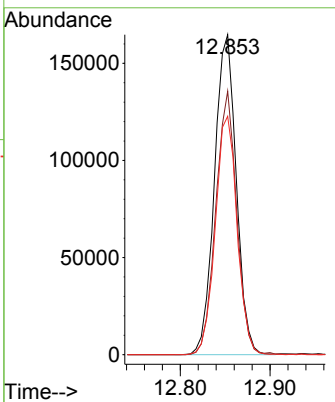
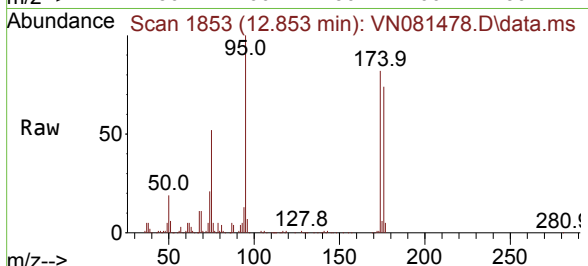




#62
 4-Bromofluorobenzene
 Concen: 43.991 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

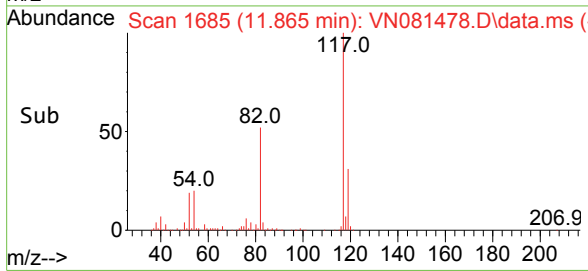
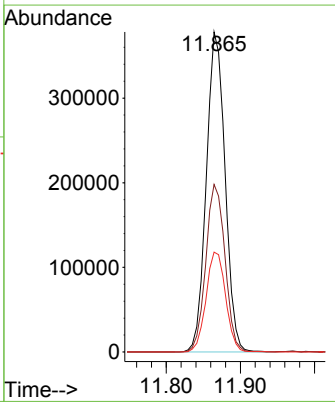
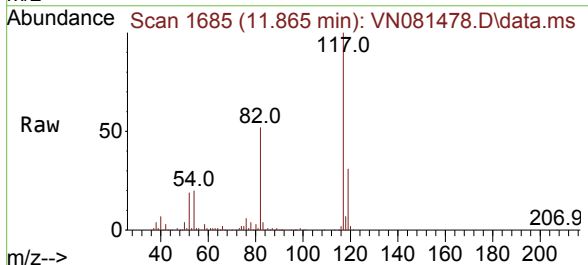
Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-2

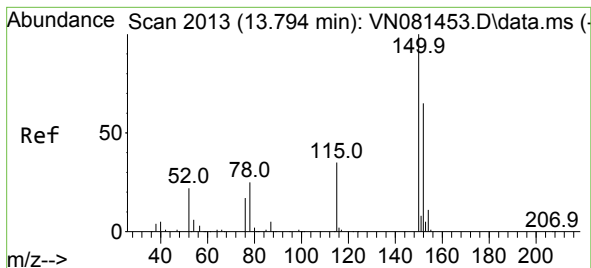
Tgt Ion:	95	Resp:	277815
Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	120.4
176	74.6	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

Tgt Ion:	117	Resp:	665094
Ion	Ratio	Lower	Upper
117	100		
82	52.4	52.7	79.1#
119	31.2	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: VN081478.D

Acq: 19 Mar 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

PMW-2

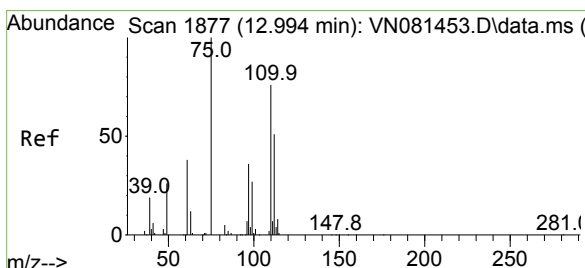
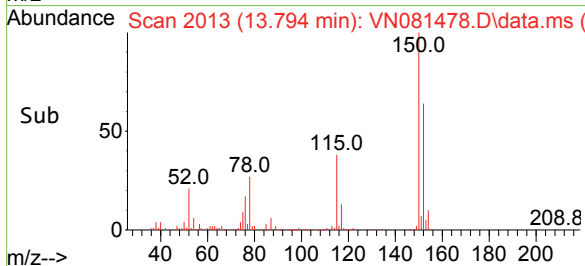
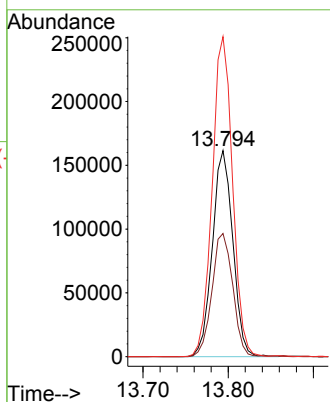
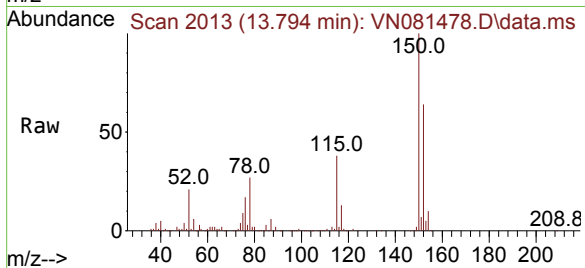
Tgt Ion:152 Resp: 270117

Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 154.0 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 22.595 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081478.D

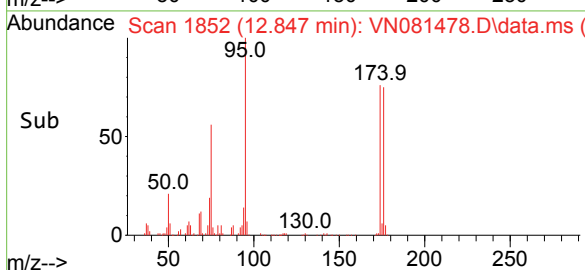
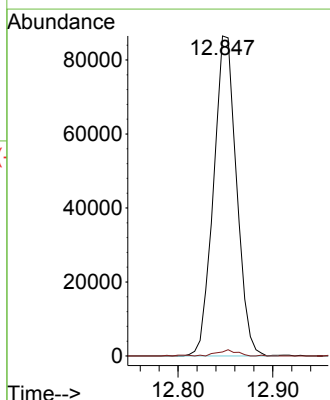
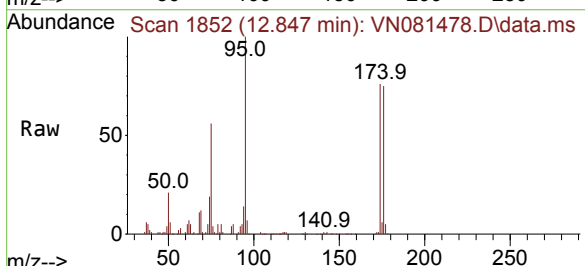
Acq: 19 Mar 2024 18:08

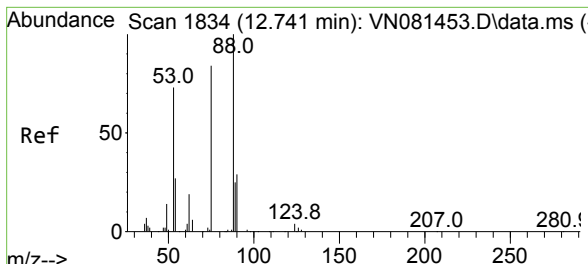
Tgt Ion: 75 Resp: 145996

Ion Ratio Lower Upper

75 100

77 1.7 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.060 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-2

Tgt Ion: 75 Resp: 145996
 Ion Ratio Lower Upper
 75 100
 53 0.3 71.4 107.2#
 89 0.0 33.4 50.0#

