

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076381.D
 Acq On : 24 Jan 2023 14:41
 Operator : JC\MD
 Sample : 01280-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-4I

Quant Time: Jan 25 00:39:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

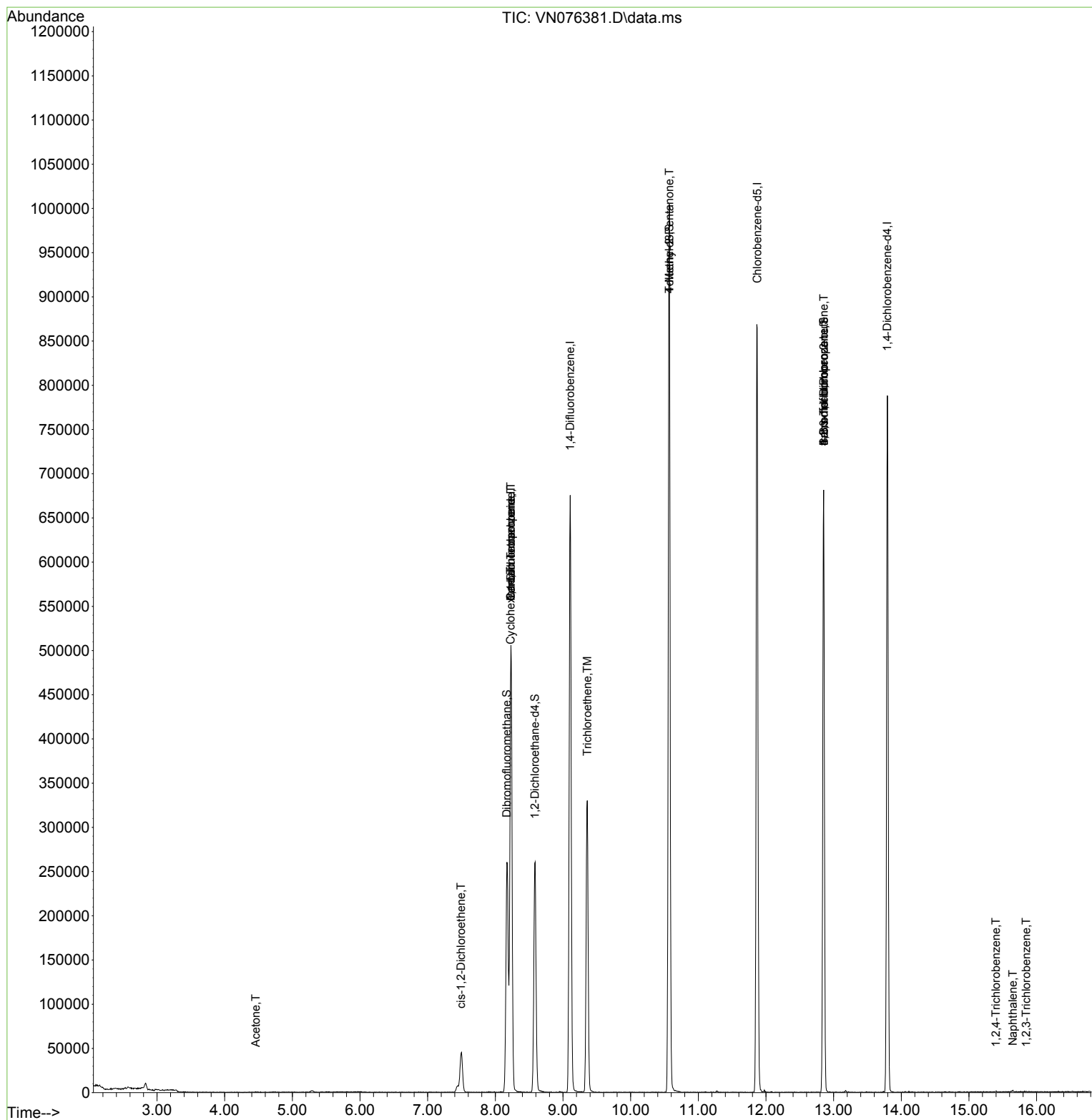
Internal Standards						
1) Pentafluorobenzene	8.229	168	383856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	530925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217675	50.646	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.300%	
35) Dibromofluoromethane	8.171	113	186238	47.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.920%	
50) Toluene-d8	10.570	98	711088	49.589	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.180%	
62) 4-Bromofluorobenzene	12.853	95	224007	47.852	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	630	0.384	ug/l #	41
20) Methylene Chloride	5.277	84	1433	Below Cal	#	64
27) cis-1,2-Dichloroethene	7.494	96	28524	6.140	ug/l	93
31) Cyclohexane	8.224	56	8027	1.216	ug/l #	34
36) 1,1-Dichloropropene	8.229	75	29054	5.266	ug/l #	49
38) Carbon Tetrachloride	8.229	117	40116	6.520	ug/l #	17
44) Trichloroethene	9.359	130	121934	26.132	ug/l	96
51) 4-Methyl-2-Pentanone	10.570	43	2948	0.698	ug/l #	1
71) Bromoform	12.853	173	1663	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	121598	29.648	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	121598	91.036	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	480	1.425	ug/l #	70
95) Naphthalene	15.647	128	1808	1.990	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.847	180	334	1.242	ug/l #	55

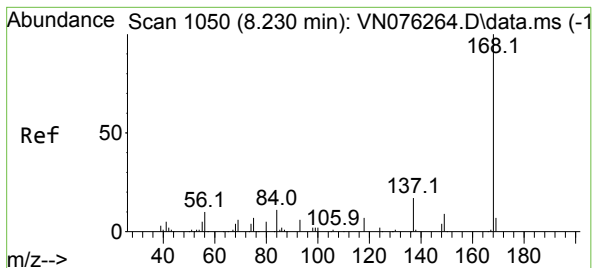
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.001 min

Lab File: VN076381.D

Acq: 24 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

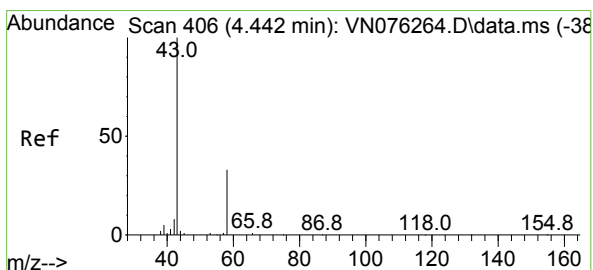
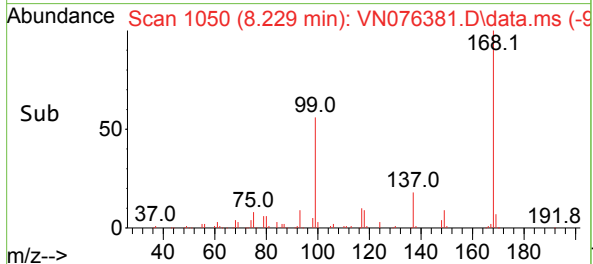
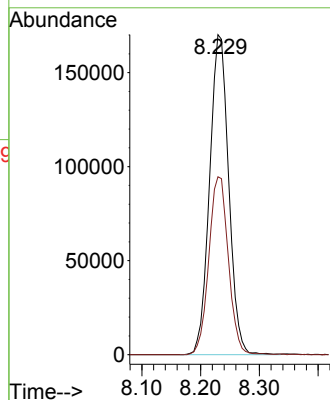
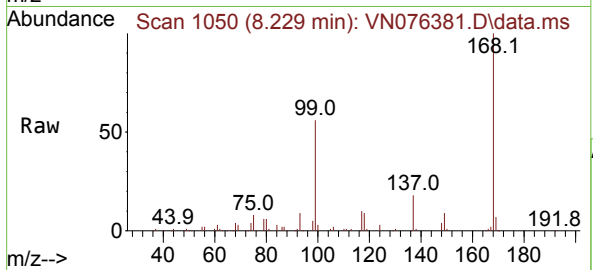
22-MW-4I

Tgt Ion:168 Resp: 383856

Ion Ratio Lower Upper

168 100

99 55.6 41.6 62.4



#16

Acetone

Concen: 0.384 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.017 min

Lab File: VN076381.D

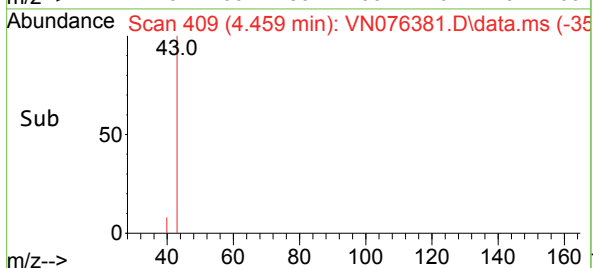
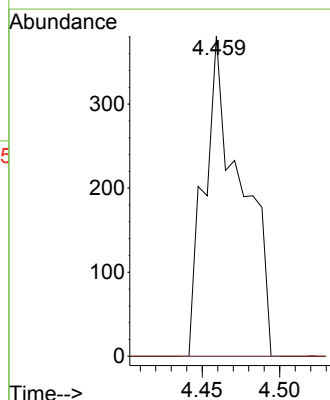
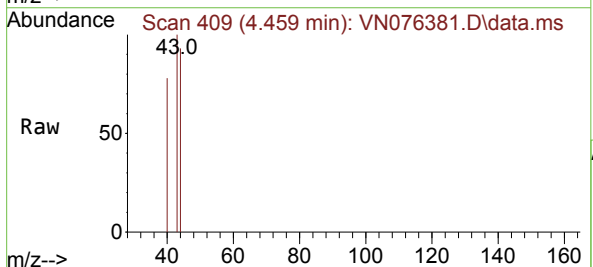
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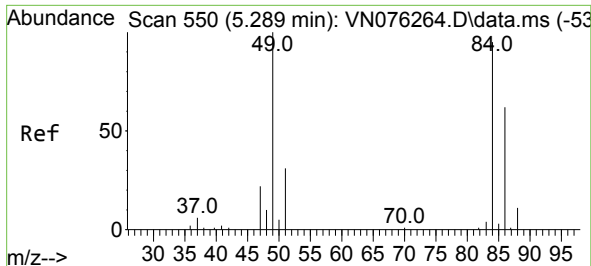
Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

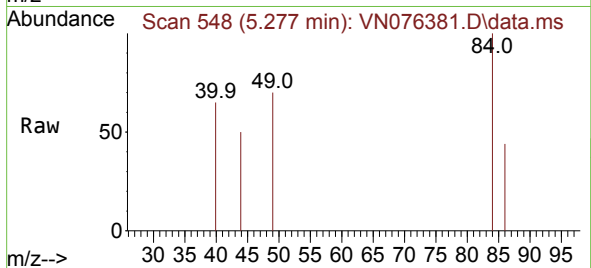
58 0.0 26.7 40.1#





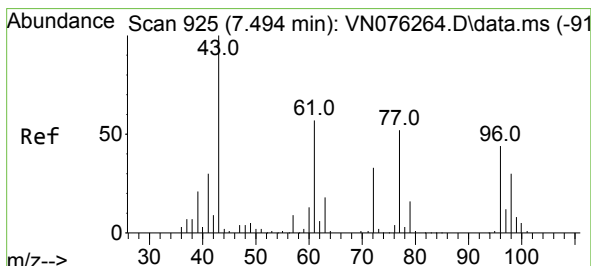
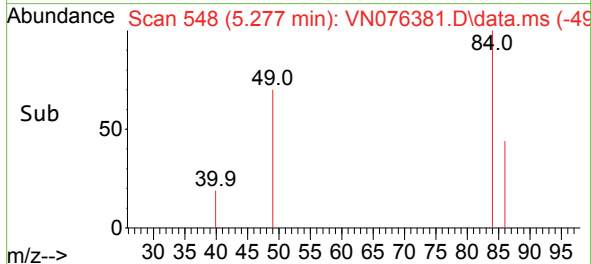
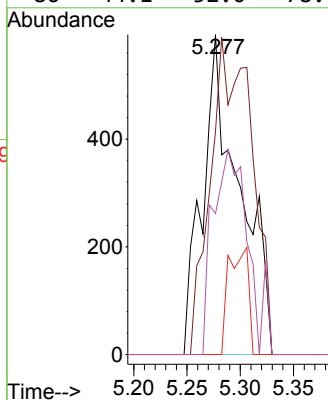
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I



Tgt Ion: 84 Resp: 1433

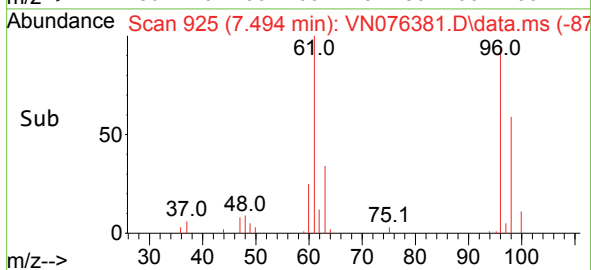
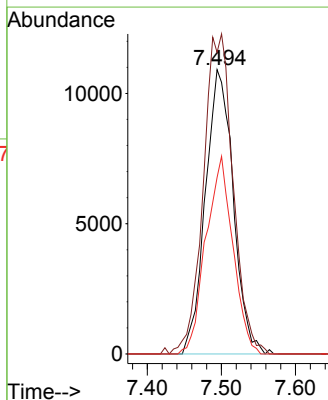
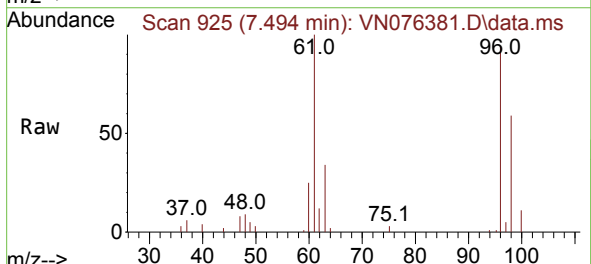
Ion	Ratio	Lower	Upper
84	100		
49	69.7	84.5	126.7#
51	0.0	26.0	39.0#
86	44.1	52.0	78.0#

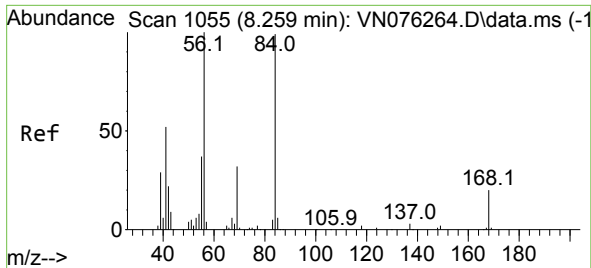


#27
cis-1,2-Dichloroethene
Concen: 6.140 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion: 96 Resp: 28524

Ion	Ratio	Lower	Upper
96	100		
61	120.0	0.0	259.6
98	67.3	0.0	129.4

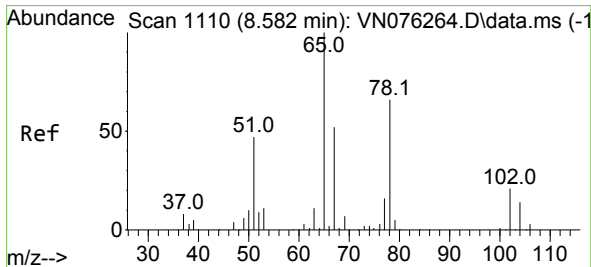
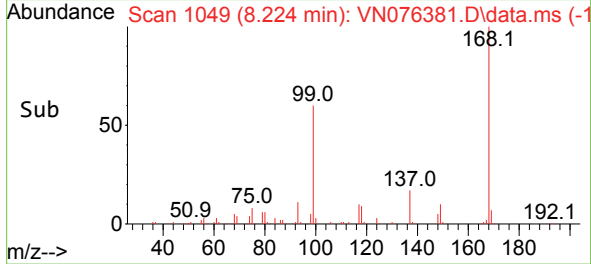
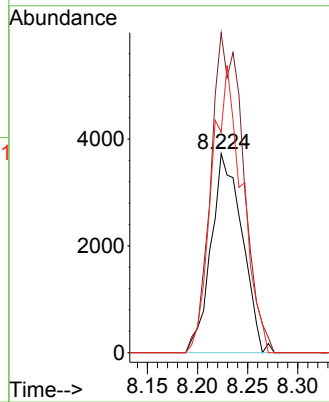
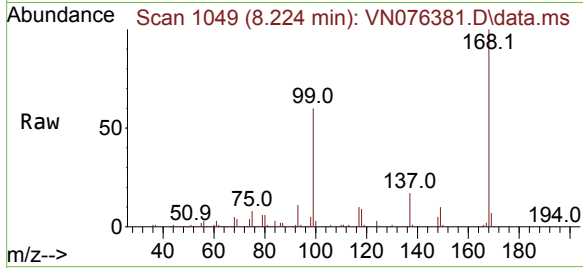




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

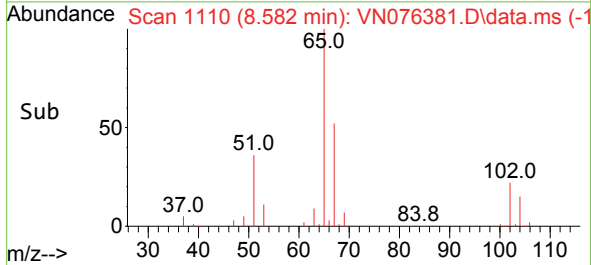
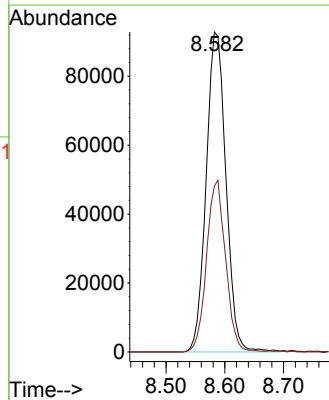
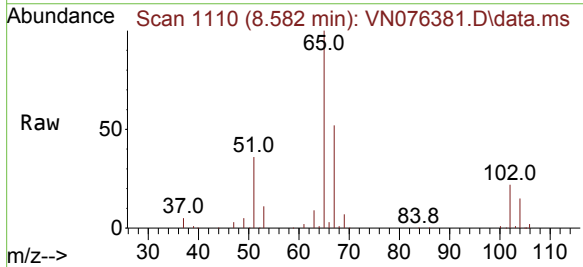
Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I

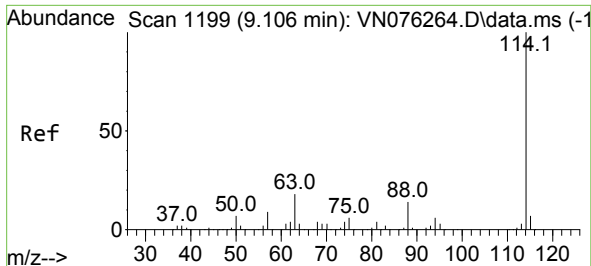
Tgt Ion: 56 Resp: 8027
Ion Ratio Lower Upper
56 100
69 160.9 25.8 38.8#
84 110.8 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 50.646 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion: 65 Resp: 217675
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6

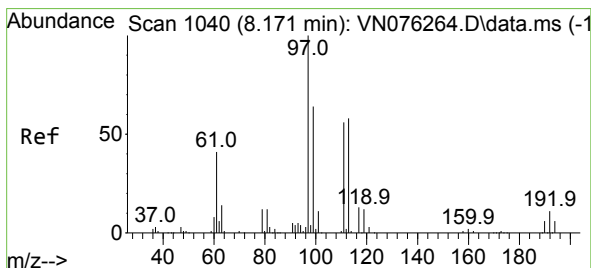
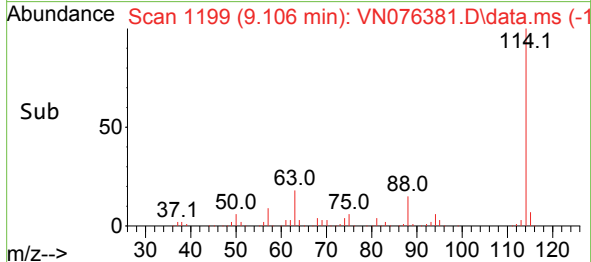
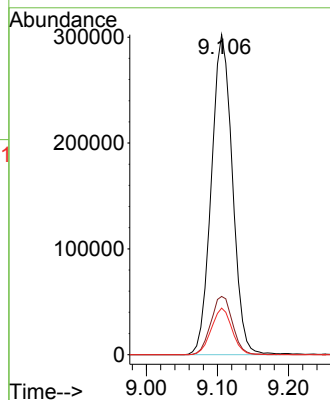
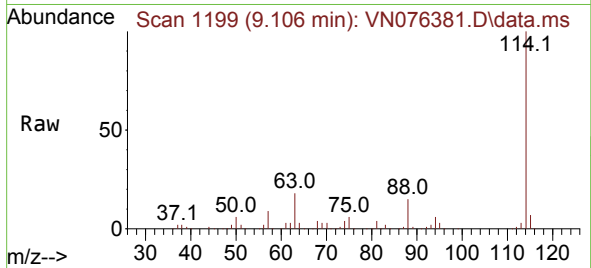




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

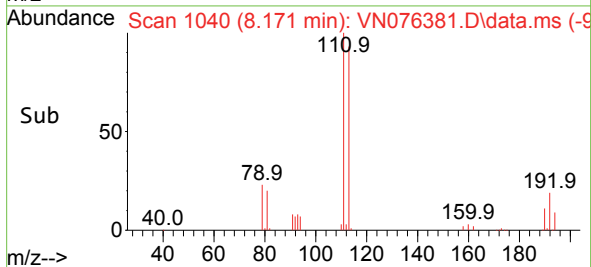
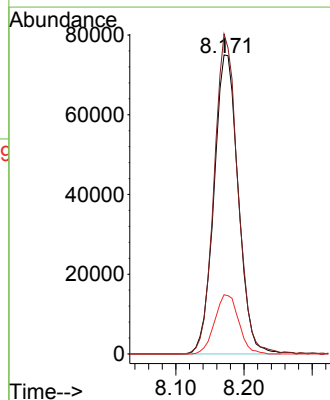
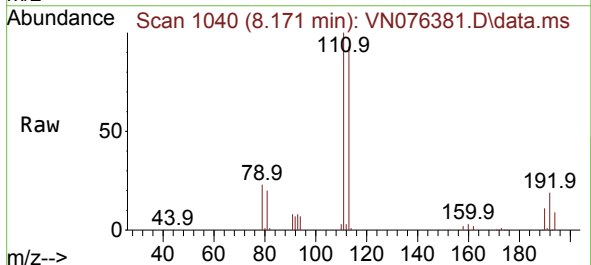
Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I

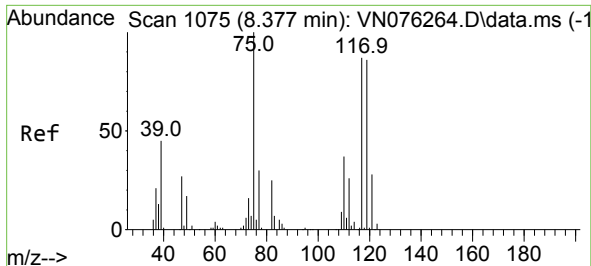
Tgt Ion:114 Resp: 620713
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.8
88 14.6 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.965 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion:113 Resp: 186238
Ion Ratio Lower Upper
113 100
111 104.1 82.7 124.1
192 19.5 15.6 23.4

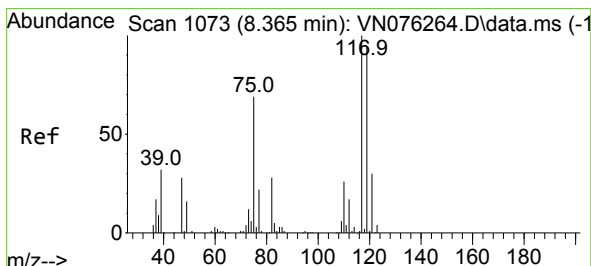
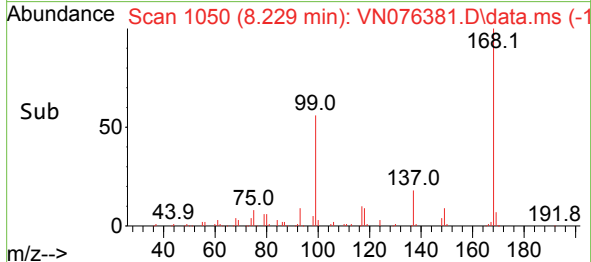
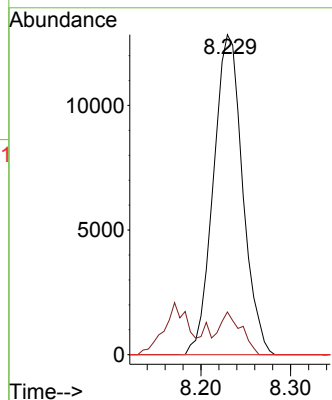
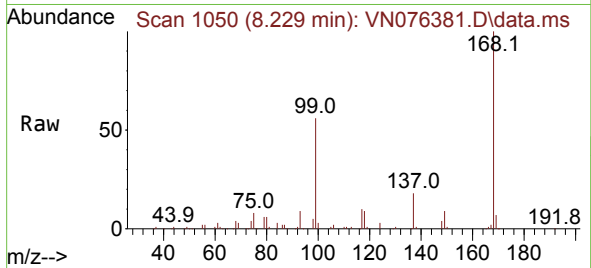




#36
 1,1-Dichloropropene
 Concen: 5.266 ug/l
 RT: 8.229 min Scan# 1050
 Delta R.T. -0.148 min
 Lab File: VN076381.D
 Acq: 24 Jan 2023 14:41

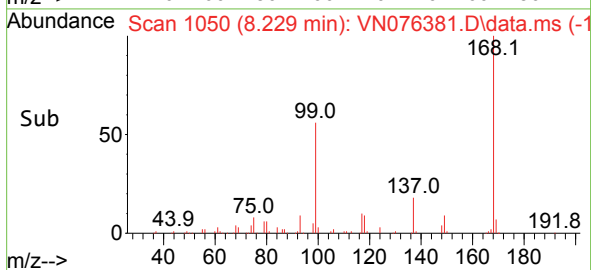
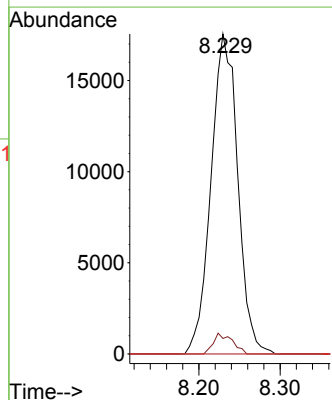
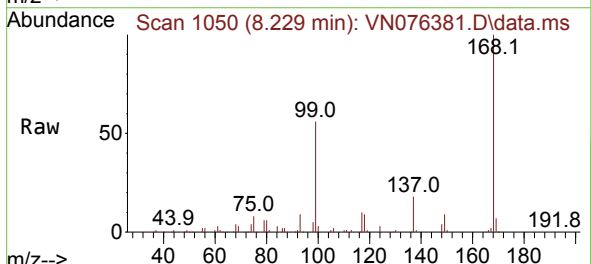
Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-4I

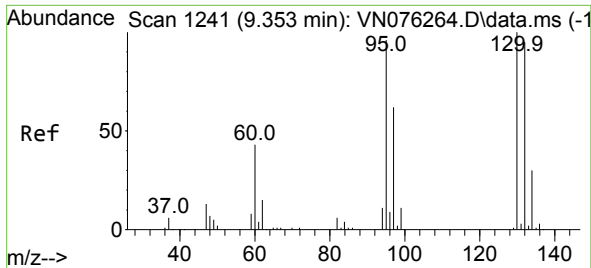
Tgt Ion: 75 Resp: 29054
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.8 56.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.520 ug/l
 RT: 8.229 min Scan# 1050
 Delta R.T. -0.136 min
 Lab File: VN076381.D
 Acq: 24 Jan 2023 14:41

Tgt Ion: 117 Resp: 40116
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.4 113.0#
 121 0.0 24.2 36.2#

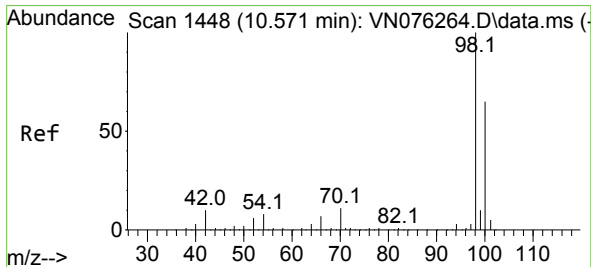
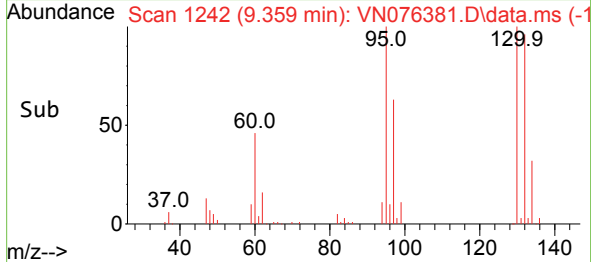
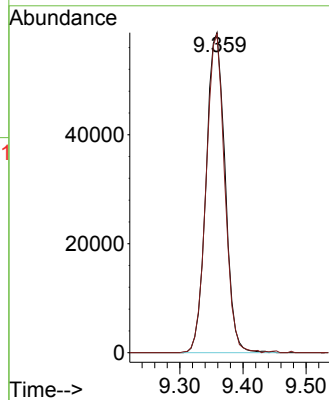
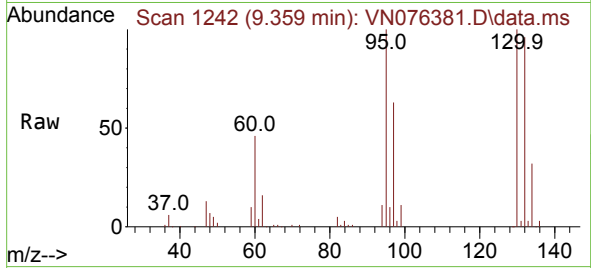




#44
Trichloroethene
Concen: 26.132 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

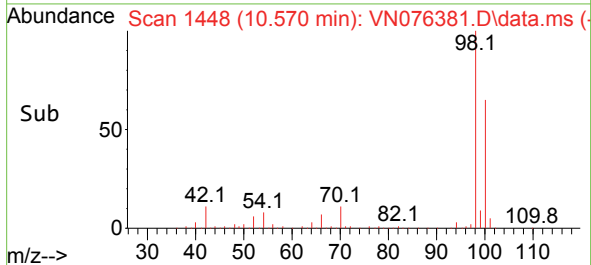
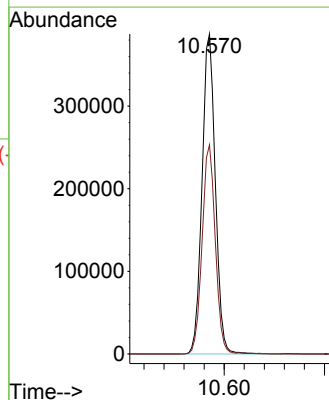
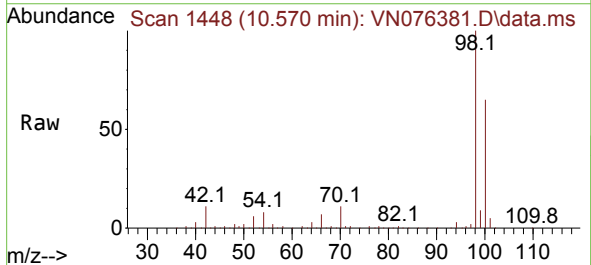
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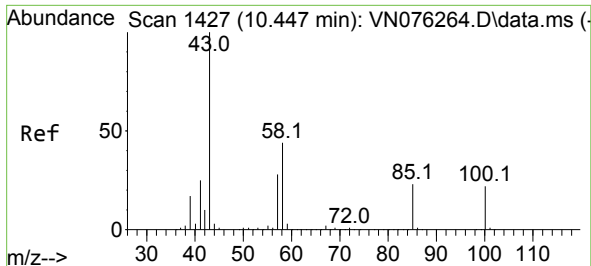
Tgt Ion:130 Resp: 121934
Ion Ratio Lower Upper
130 100
95 99.6 0.0 192.0



#50
Toluene-d8
Concen: 49.589 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion: 98 Resp: 711088
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.698 ug/l

RT: 10.570 min Scan# 1427

Delta R.T. 0.123 min

Lab File: VN076381.D

Acq: 24 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

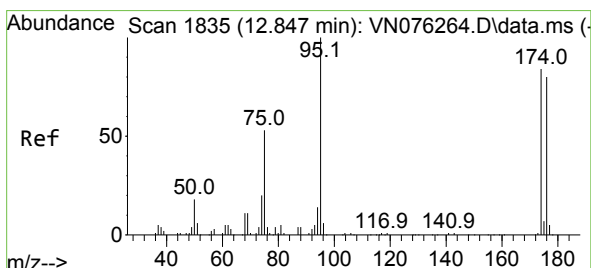
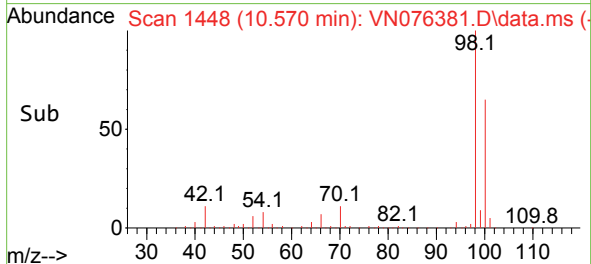
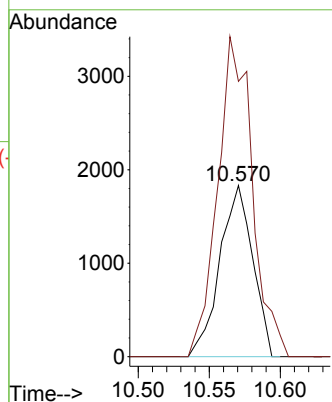
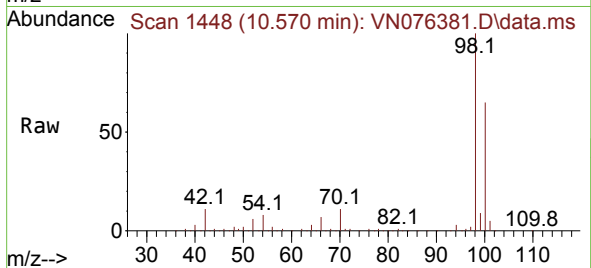
22-MW-4I

Tgt Ion: 43 Resp: 2948

Ion Ratio Lower Upper

43 100

58 197.0 35.1 52.7#



#62

4-Bromofluorobenzene

Concen: 47.852 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076381.D

Acq: 24 Jan 2023 14:41

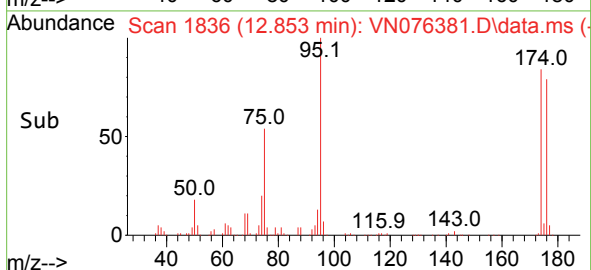
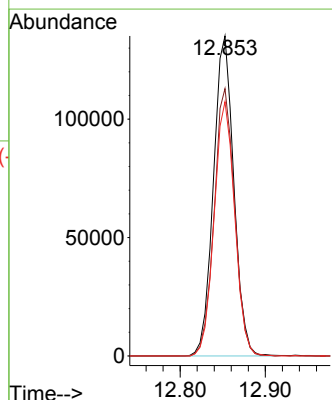
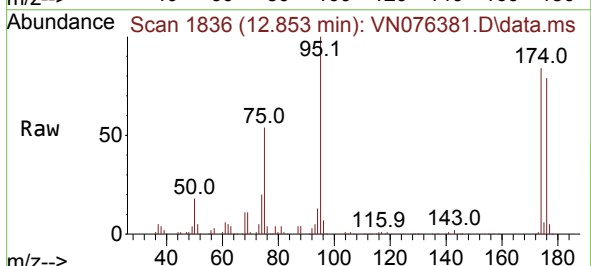
Tgt Ion: 95 Resp: 224007

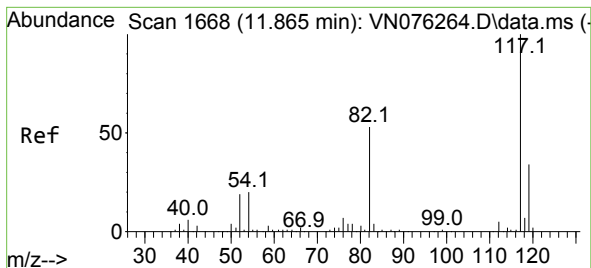
Ion Ratio Lower Upper

95 100

174 84.2 0.0 174.6

176 80.2 0.0 167.8

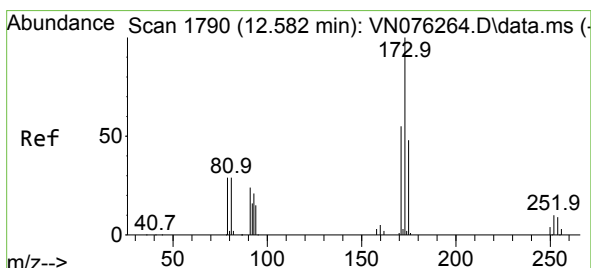
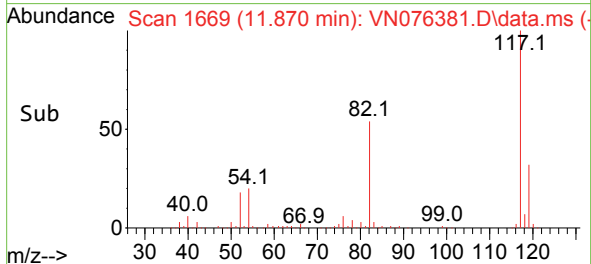
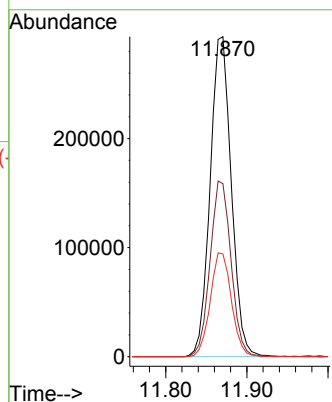
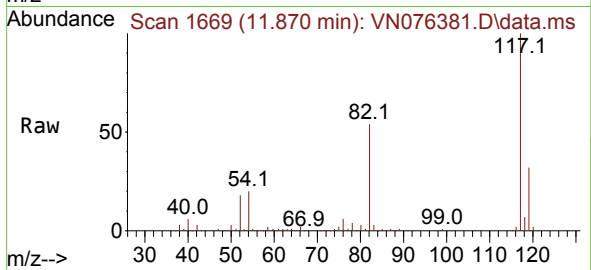




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

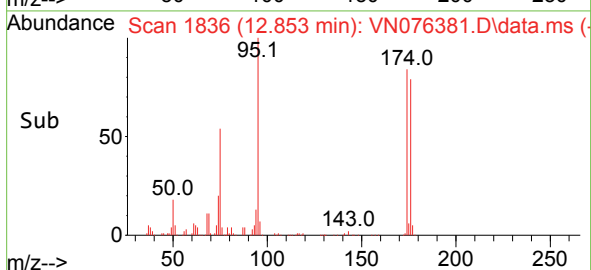
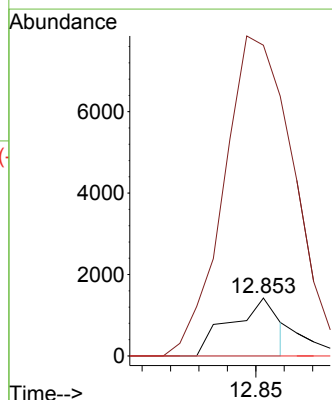
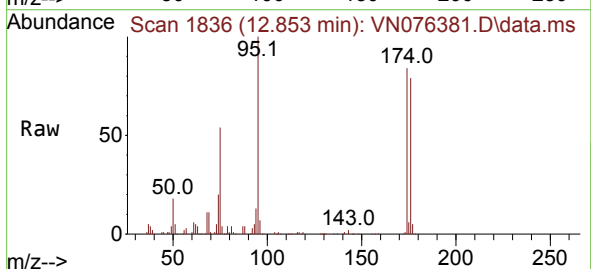
Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I

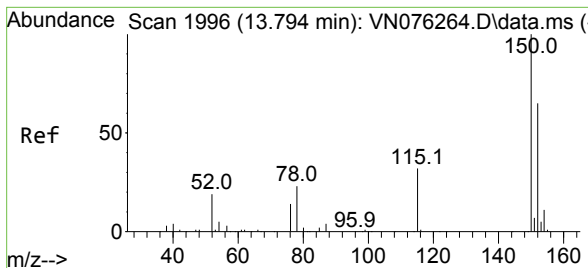
Tgt Ion:117 Resp: 530925
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 32.1 26.9 40.3



#71
Bromoform
Concen: 0.551 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion:173 Resp: 1663
Ion Ratio Lower Upper
173 100
175 660.4 24.1 72.4#
254 0.0 0.0 0.0

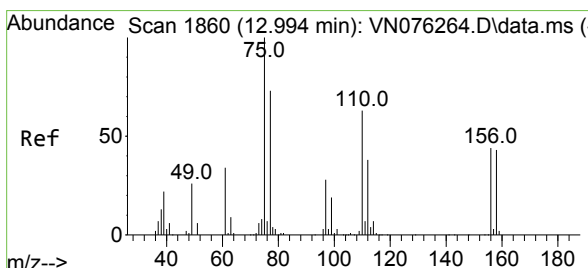
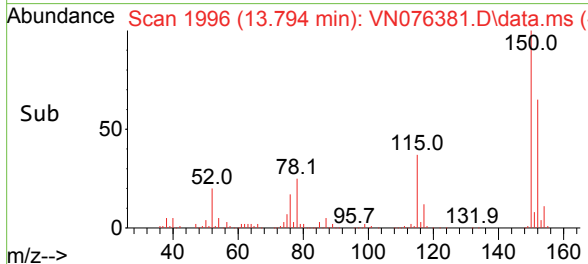
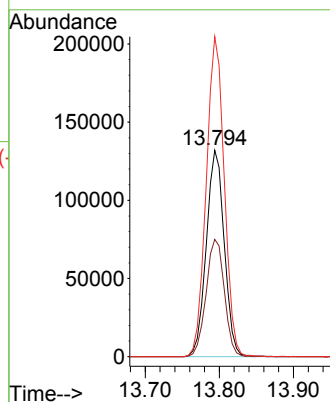
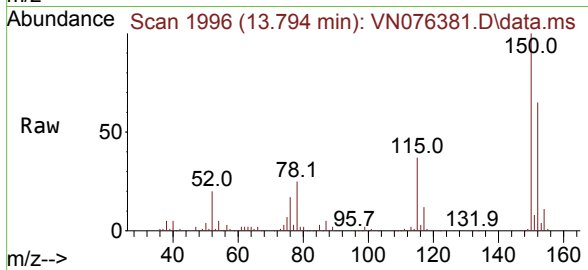




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076381.D
 Acq: 24 Jan 2023 14:41

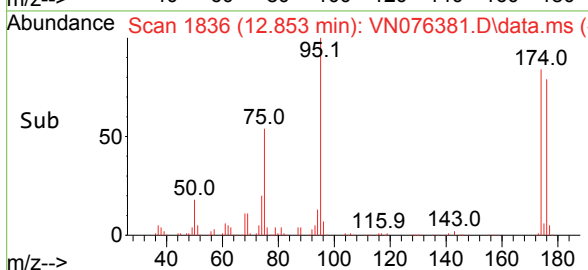
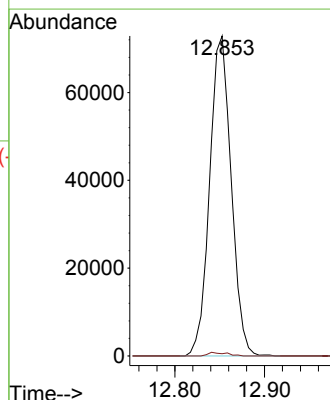
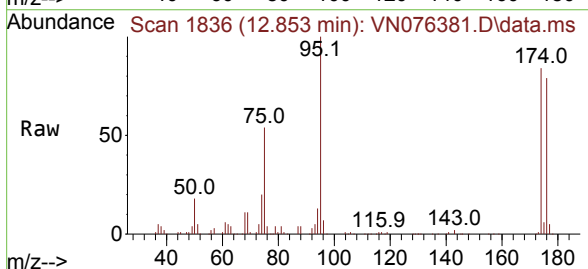
Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-4I

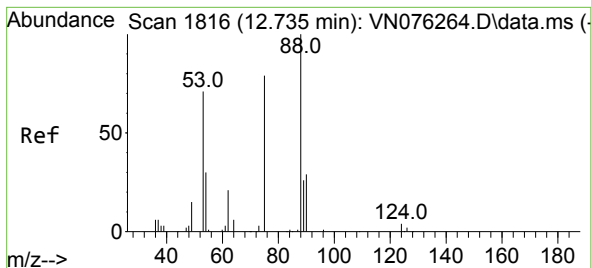
Tgt Ion:152 Resp: 222241
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.6 88.9
 150 155.2 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 29.648 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076381.D
 Acq: 24 Jan 2023 14:41

Tgt Ion: 75 Resp: 121598
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.2 225.6#

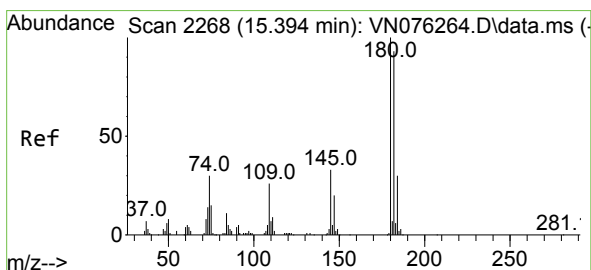
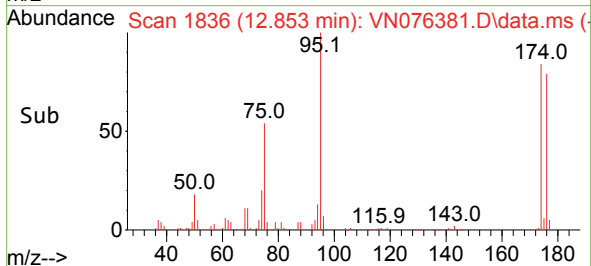
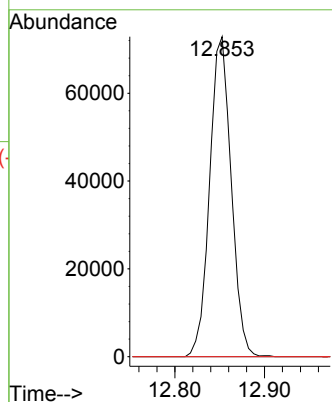
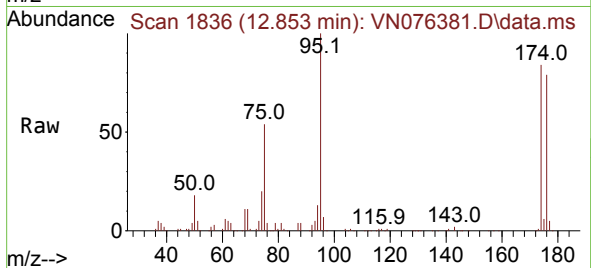




#81
trans-1,4-Dichloro-2-butene
Concen: 91.036 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

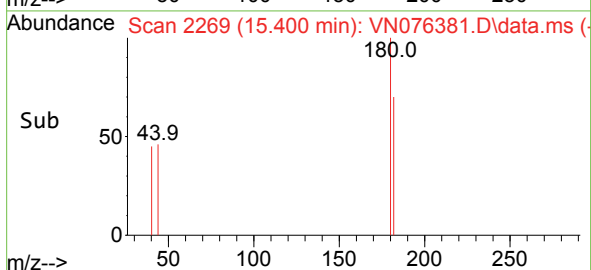
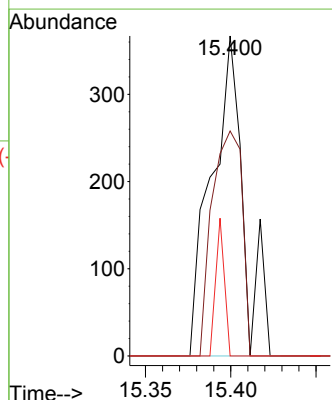
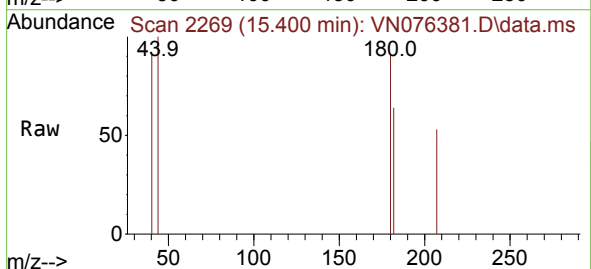
Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I

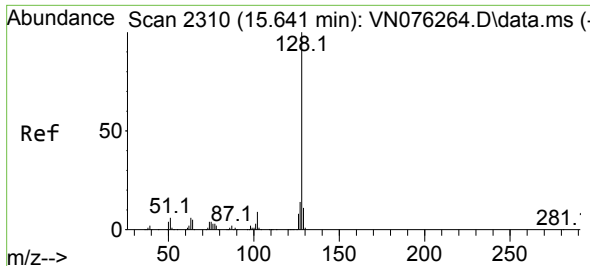
Tgt Ion: 75 Resp: 121598
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.425 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion:180 Resp: 480
Ion Ratio Lower Upper
180 100
182 65.8 47.0 141.2
145 11.7 15.2 45.5#

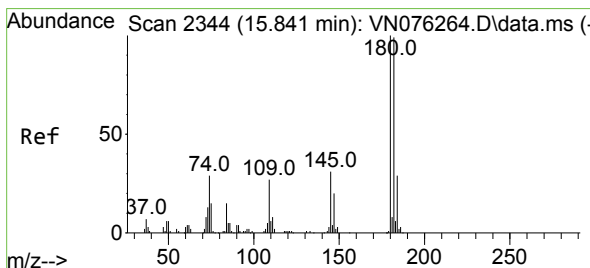
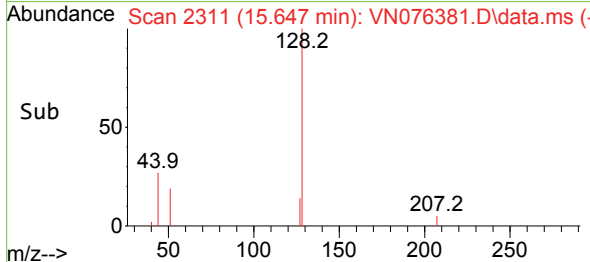
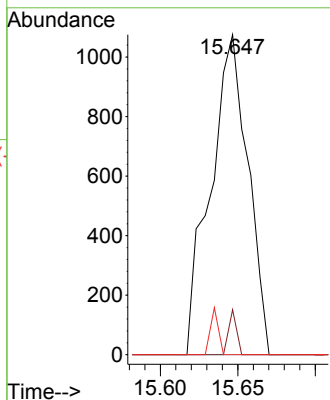
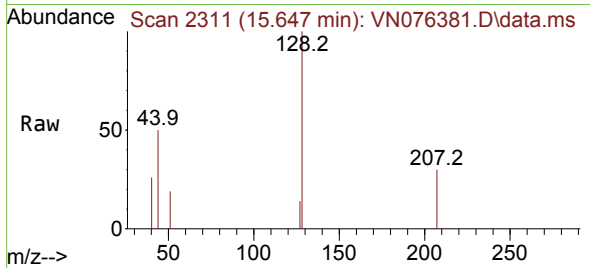




#95
Naphthalene
Concen: 1.990 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I

Tgt Ion:128 Resp: 1808
Ion Ratio Lower Upper
128 100
127 2.9 10.3 15.5#
129 3.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.242 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion:180 Resp: 334
Ion Ratio Lower Upper
180 100
182 54.8 47.5 142.5
145 0.0 15.9 47.6#

