

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075879.D
 Acq On : 19 Dec 2022 18:22
 Operator : JC\MD
 Sample : N6131-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:31:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

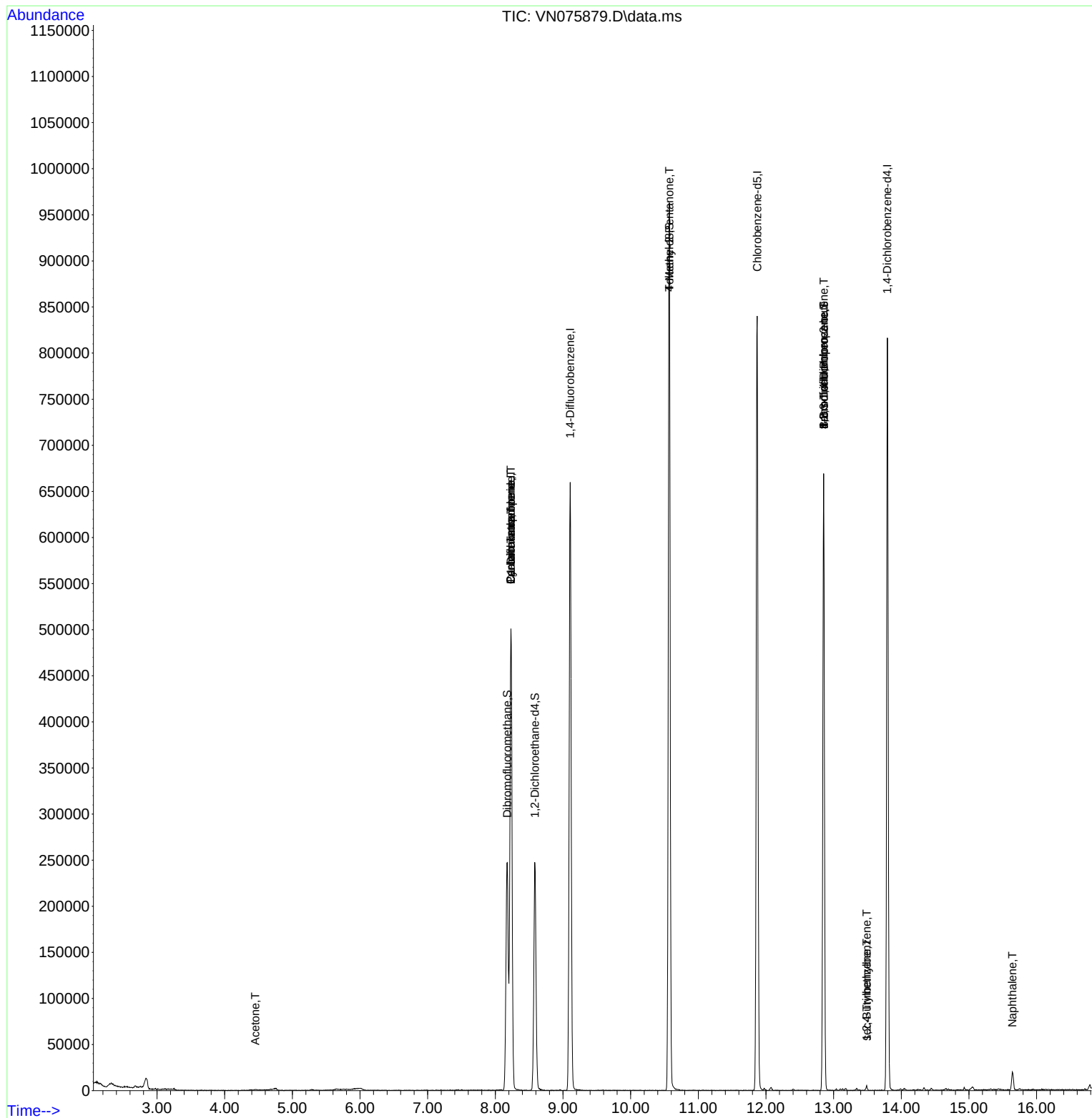
Internal Standards						
1) Pentafluorobenzene	8.230	168	392704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	523995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196703	46.042	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.080%		
35) Dibromofluoromethane	8.177	113	177984	46.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	10.571	98	701950	49.150	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.853	95	219733	46.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.900%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	1017	0.691	ug/l #	39
20) Methylene Chloride	5.289	84	698	Below Cal	#	60
31) Cyclohexane	8.230	56	7428	1.214	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	27536	5.427	ug/l #	51
38) Carbon Tetrachloride	8.230	117	37760	6.649	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	2382	0.586	ug/l #	1
71) Bromoform	12.853	173	1447	0.499	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	112089	24.830	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	112089	89.375	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.488	105	3503	0.261	ug/l	99
85) sec-Butylbenzene	13.488	105	3503	0.213	ug/l #	56
95) Naphthalene	15.641	128	19584	3.714	ug/l	99

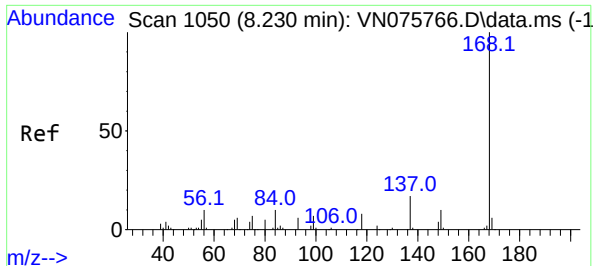
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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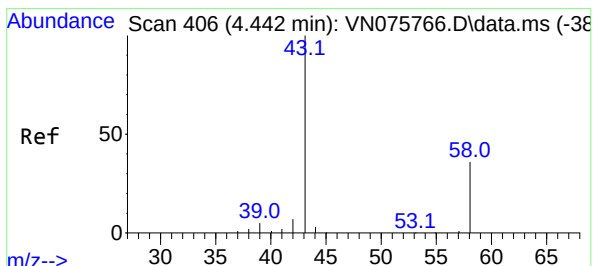
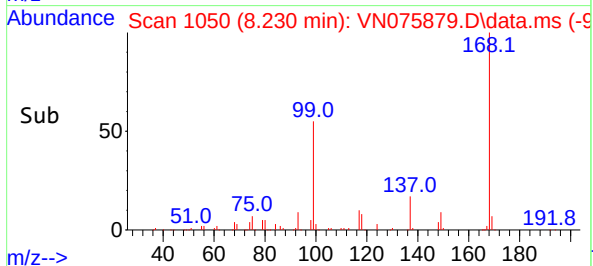
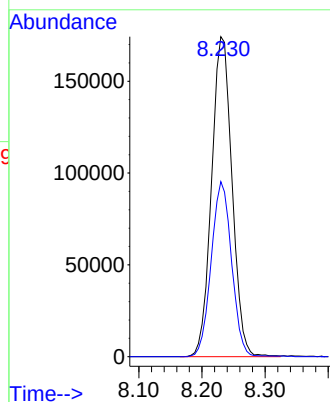
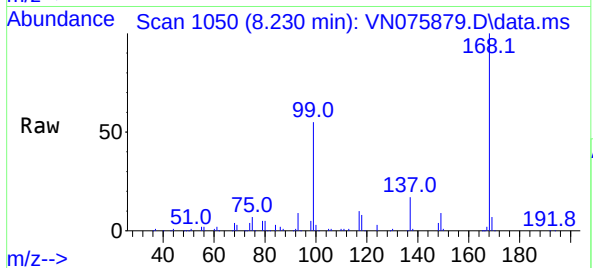




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

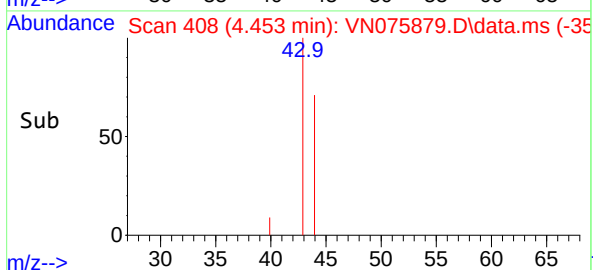
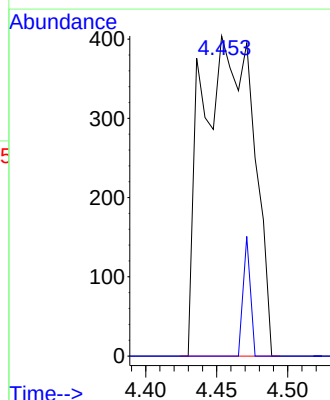
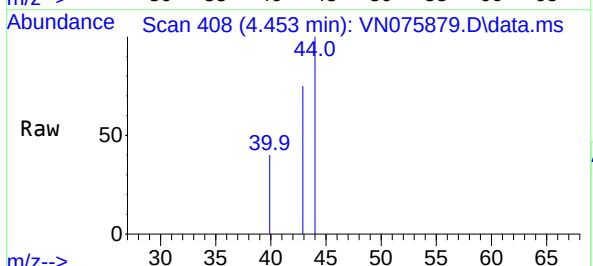
Instrument :
MSVOA_N
ClientSampleId :

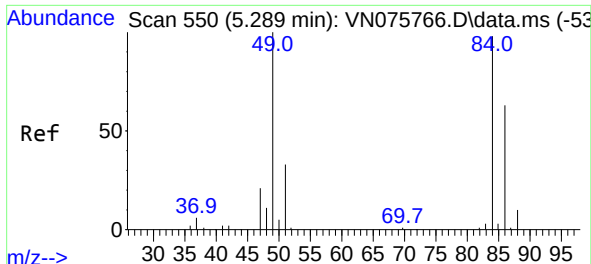
Tgt Ion:168 Resp: 392704
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#16
Acetone
Concen: 0.691 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

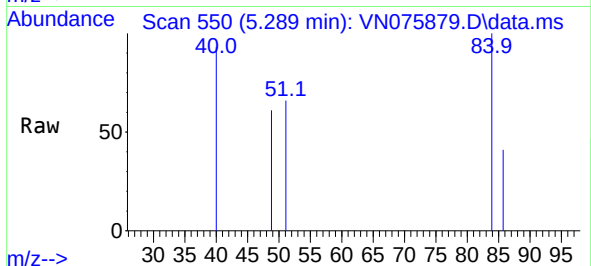
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





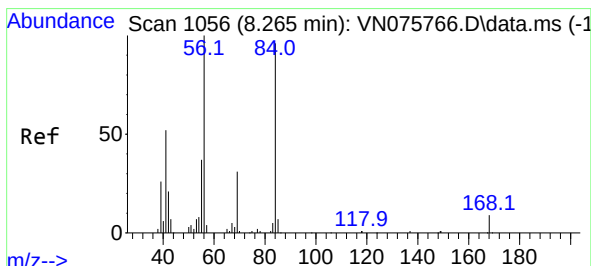
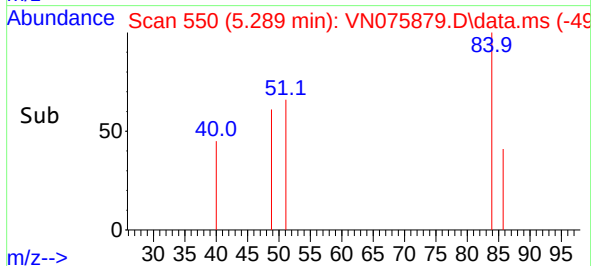
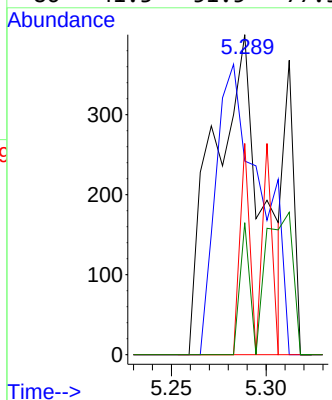
#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 698

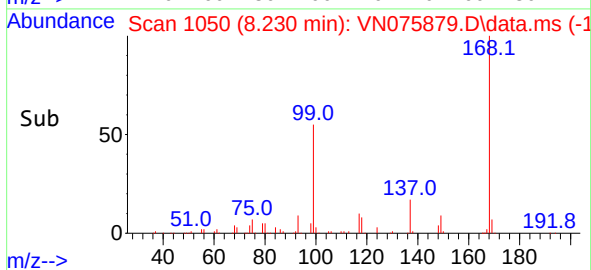
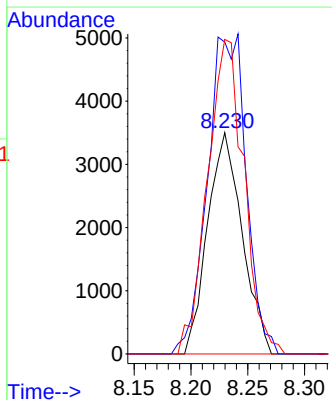
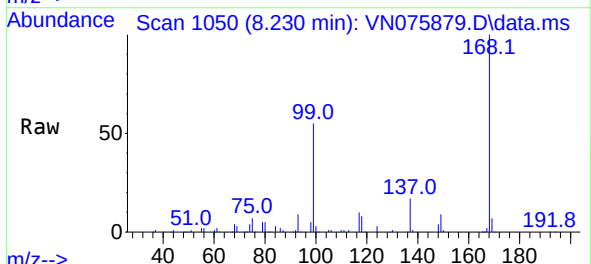
Ion	Ratio	Lower	Upper
84	100		
49	60.5	81.8	122.6#
51	66.0	26.7	40.1#
86	41.3	51.5	77.3#

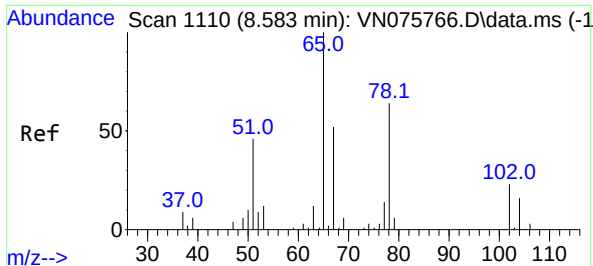


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion: 56 Resp: 7428

Ion	Ratio	Lower	Upper
56	100		
69	140.9	24.7	37.1#
84	142.1	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.042 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075879.D

Acq: 19 Dec 2022 18:22

Instrument :

MSVOA_N

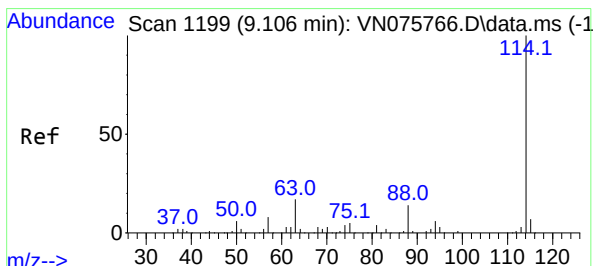
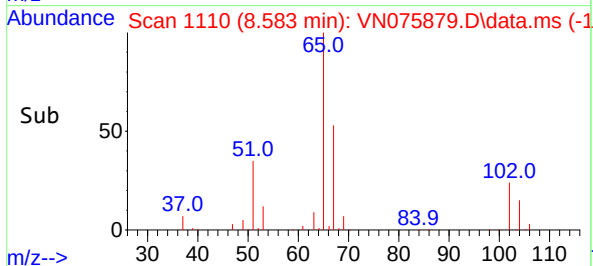
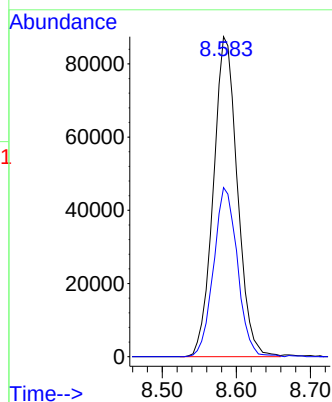
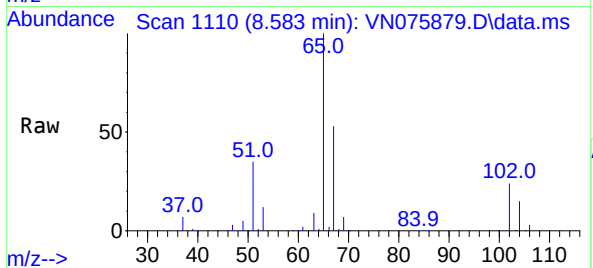
ClientSampleId :

Tgt Ion: 65 Resp: 196703

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075879.D

Acq: 19 Dec 2022 18:22

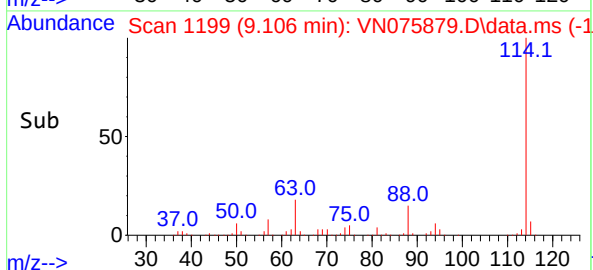
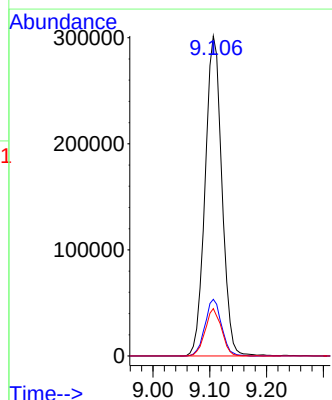
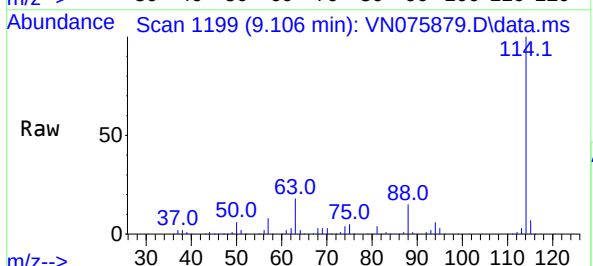
Tgt Ion: 114 Resp: 616805

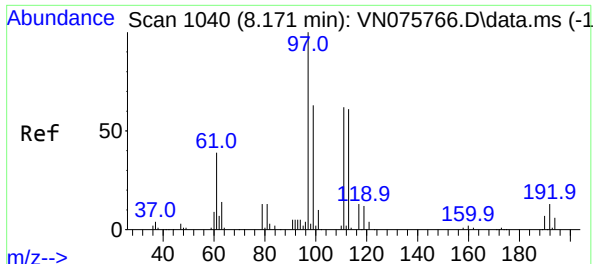
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

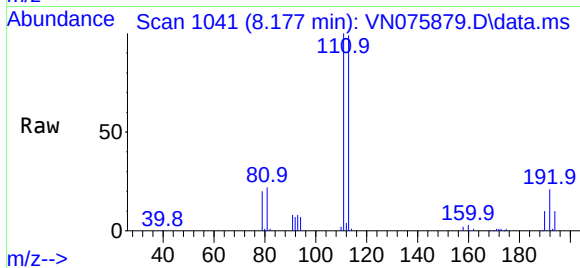
88 14.8 0.0 28.8



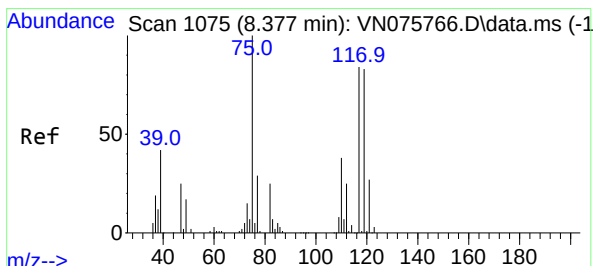
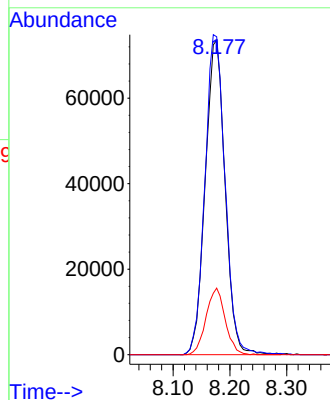
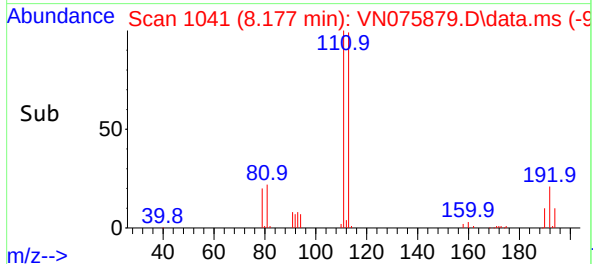


#35
Dibromofluoromethane
Concen: 46.595 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :

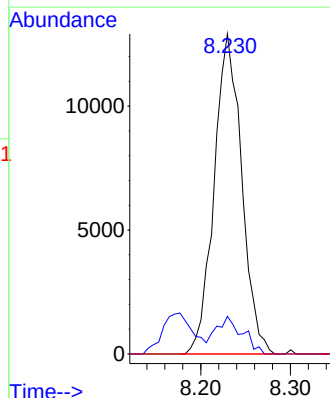
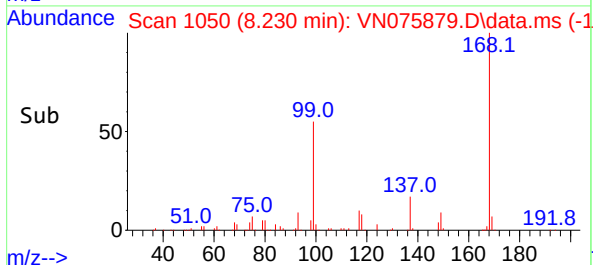
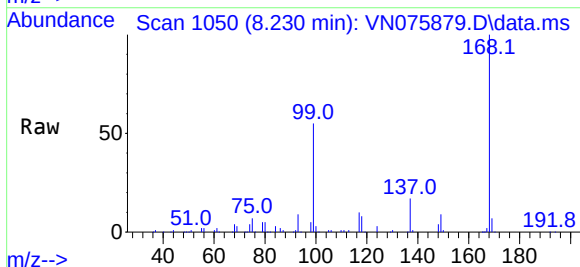


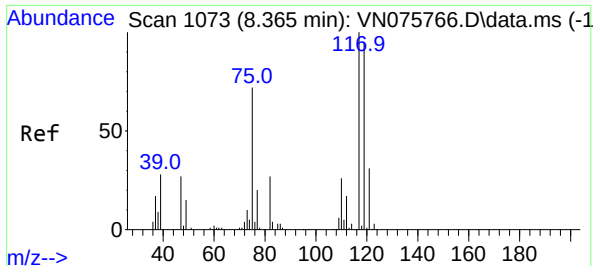
Tgt Ion:113 Resp: 177984
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 20.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

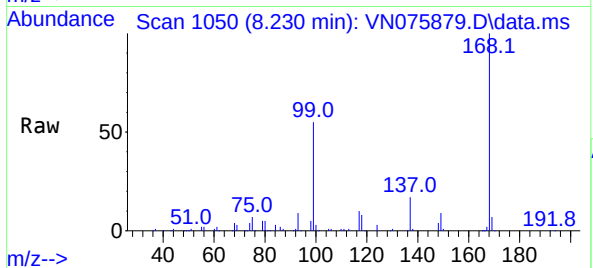
Tgt Ion: 75 Resp: 27536
Ion Ratio Lower Upper
75 100
110 11.3 18.8 56.4#
77 0.0 24.1 36.1#



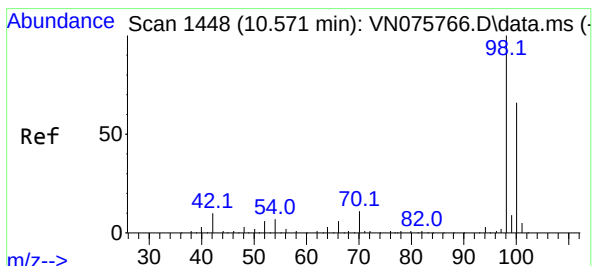
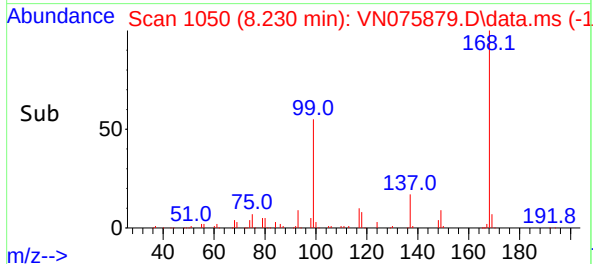
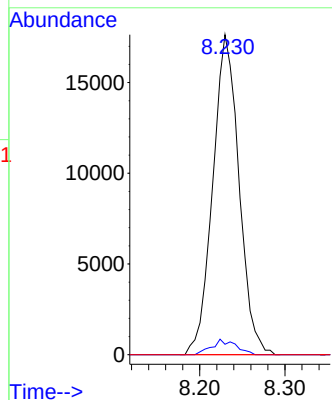


#38
Carbon Tetrachloride
Concen: 6.649 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :

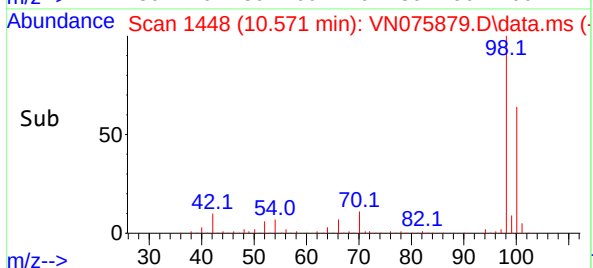
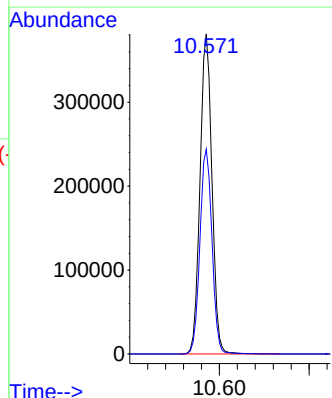
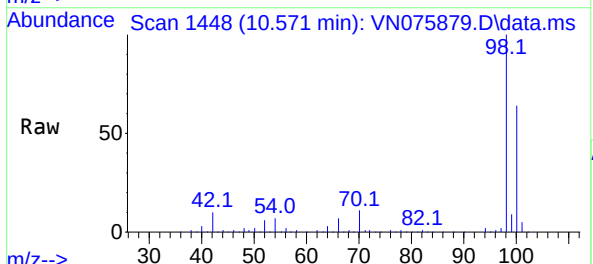


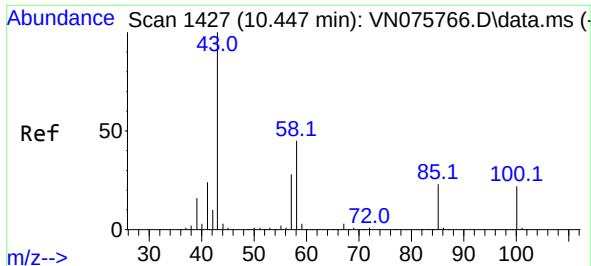
Tgt Ion:117 Resp: 37760
Ion Ratio Lower Upper
117 100
119 3.2 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.150 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion: 98 Resp: 701950
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.586 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN075879.D

Acq: 19 Dec 2022 18:22

Instrument :

MSVOA_N

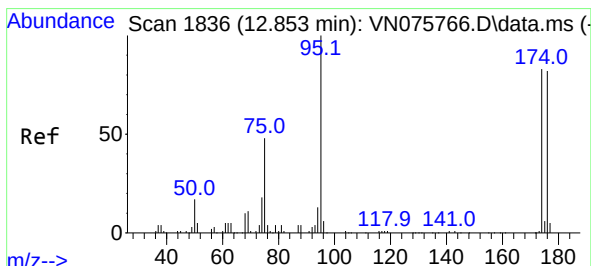
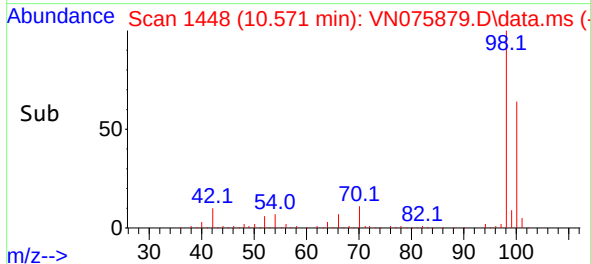
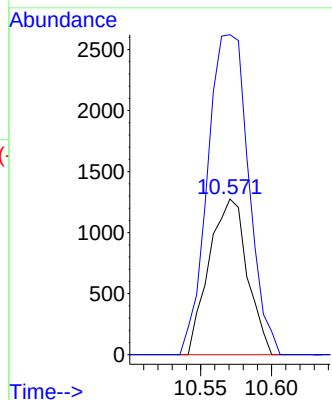
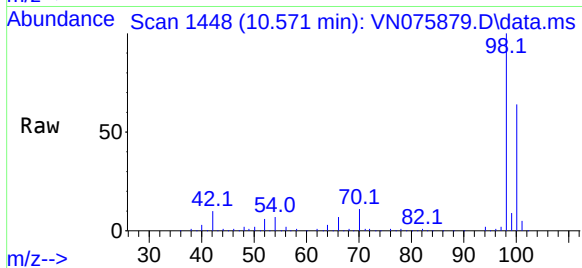
ClientSampleId :

Tgt Ion: 43 Resp: 2382

Ion Ratio Lower Upper

43 100

58 221.0 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 46.453 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075879.D

Acq: 19 Dec 2022 18:22

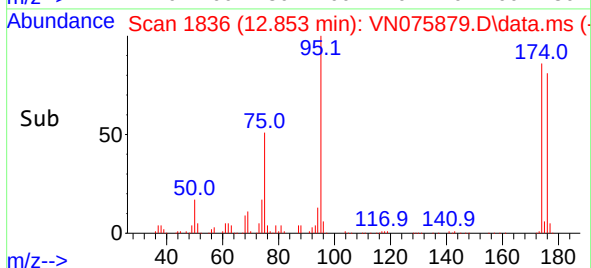
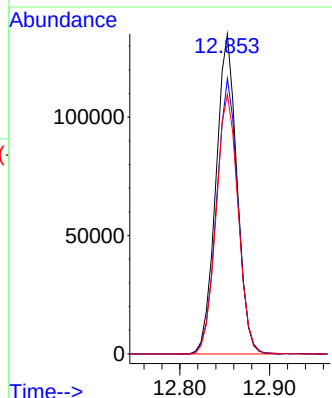
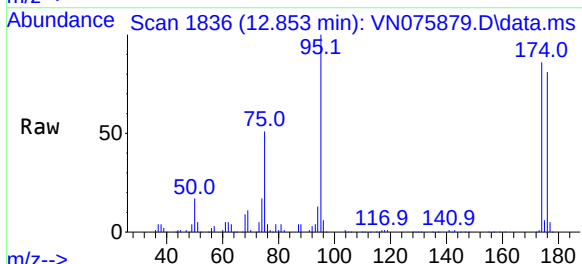
Tgt Ion: 95 Resp: 219733

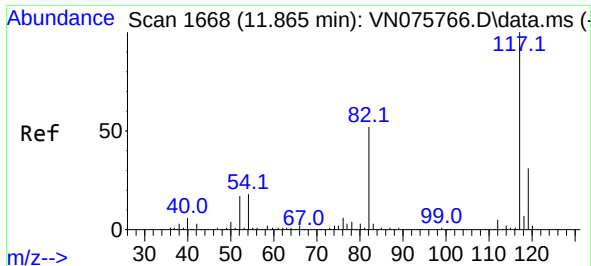
Ion Ratio Lower Upper

95 100

174 87.4 0.0 171.6

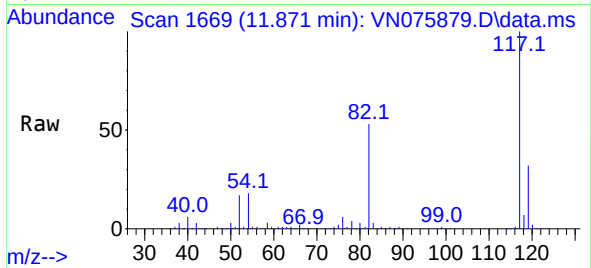
176 84.4 0.0 169.2



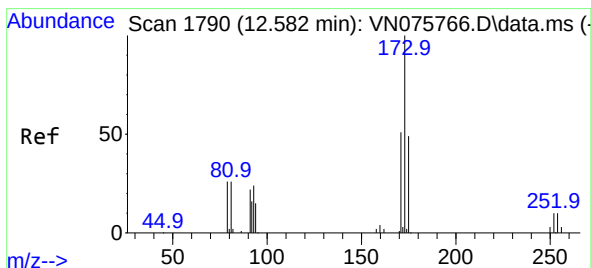
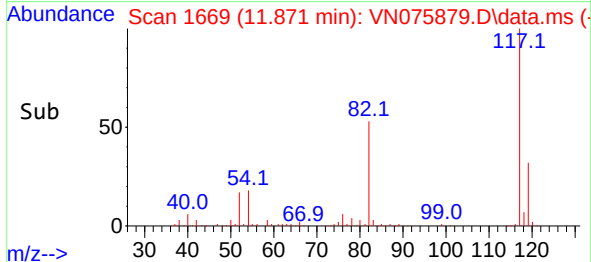
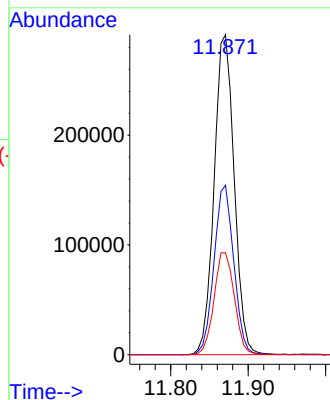


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :

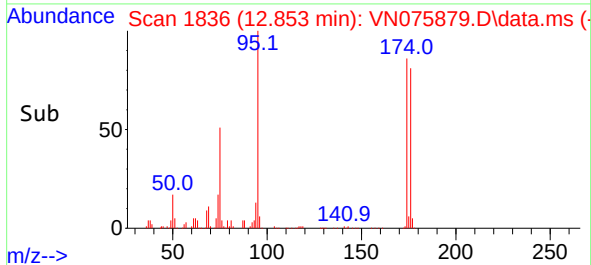
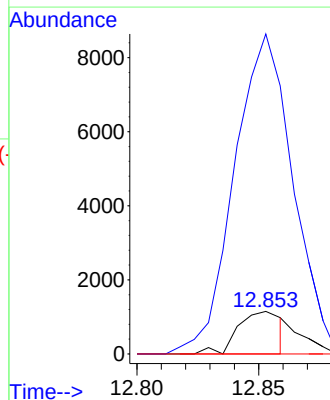
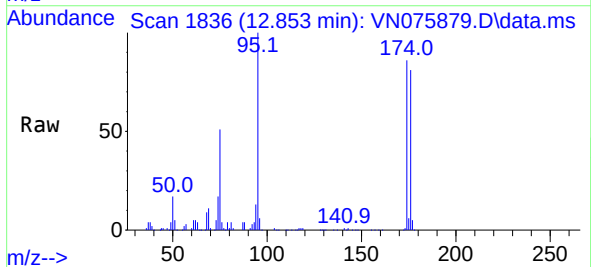


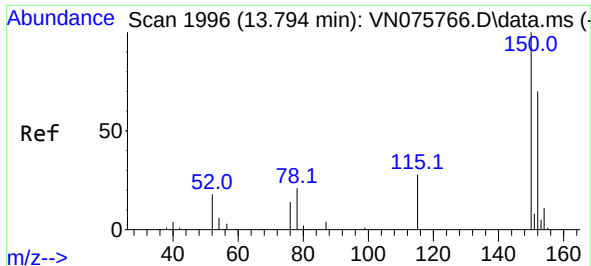
Tgt Ion:117 Resp: 523995
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 31.9 24.6 37.0



#71
Bromoform
Concen: 0.499 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

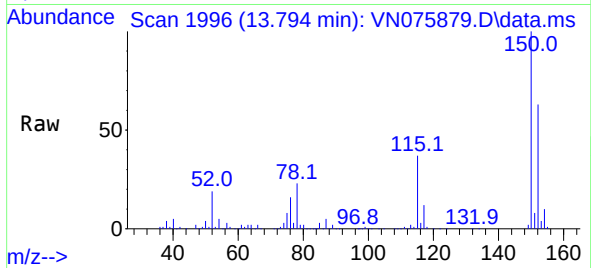
Tgt Ion:173 Resp: 1447
Ion Ratio Lower Upper
173 100
175 810.2 24.3 72.8#
254 0.0 0.0 0.0



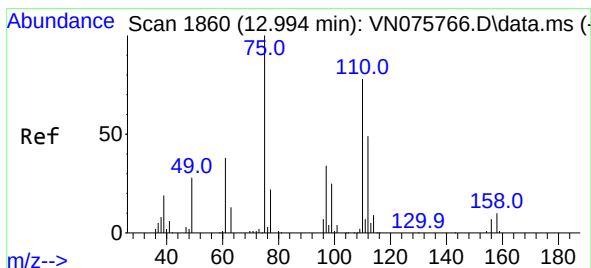
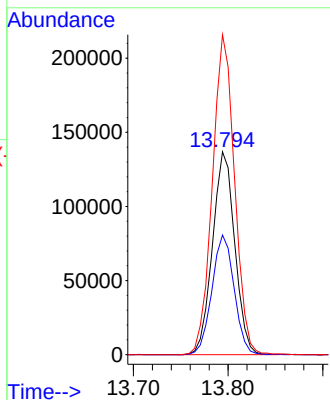
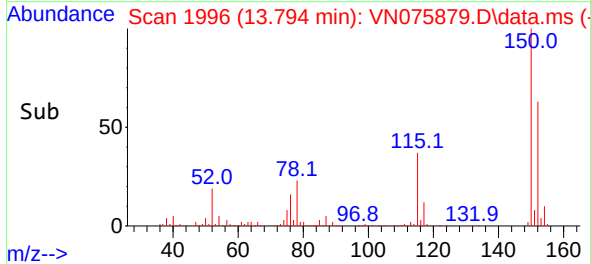


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :

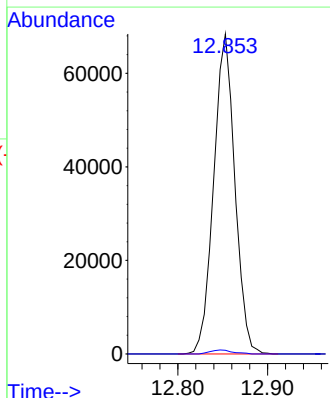
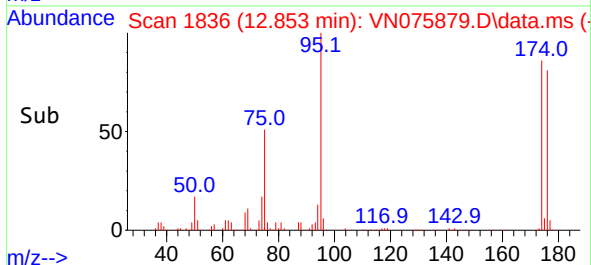
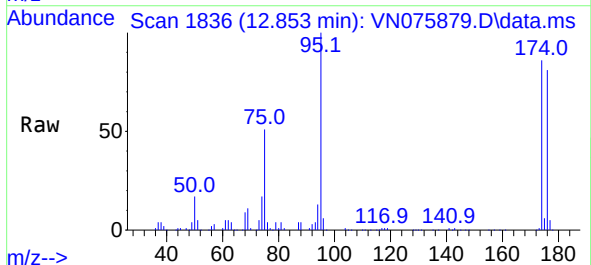


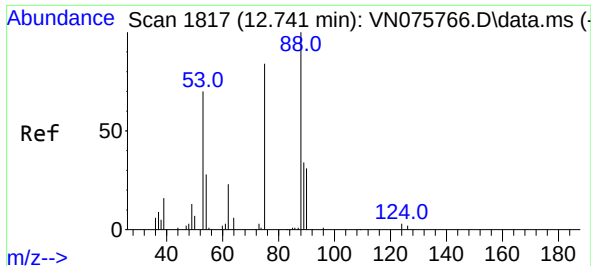
Tgt Ion:152 Resp: 223950
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 157.1 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.830 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

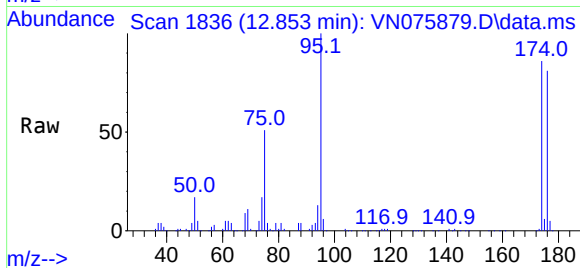
Tgt Ion: 75 Resp: 112089
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



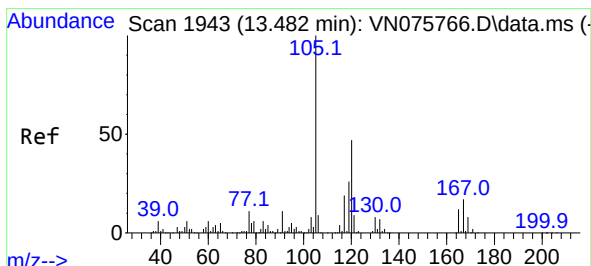
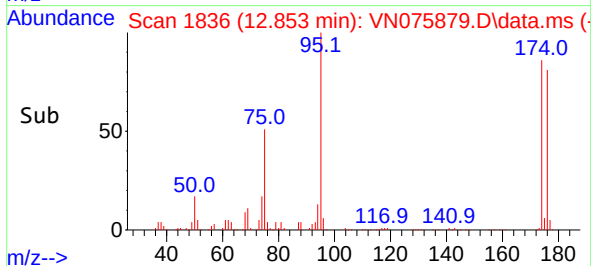
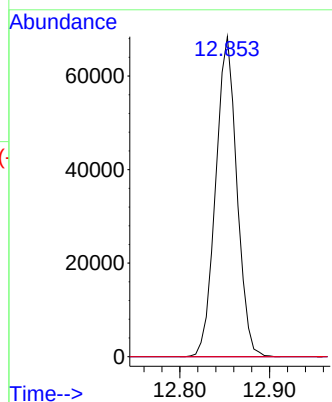


#81
trans-1,4-Dichloro-2-butene
Concen: 89.375 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :

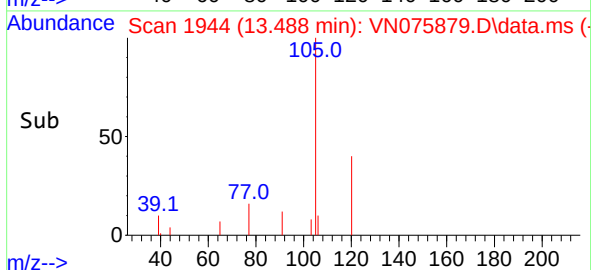
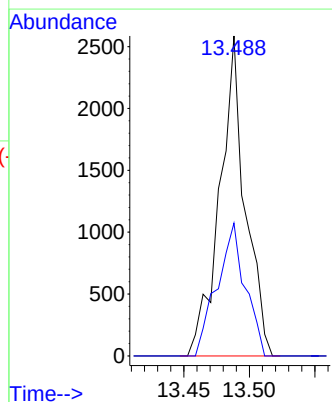
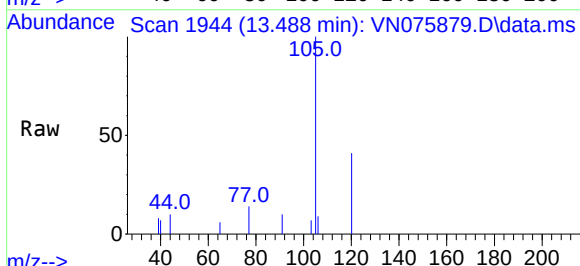


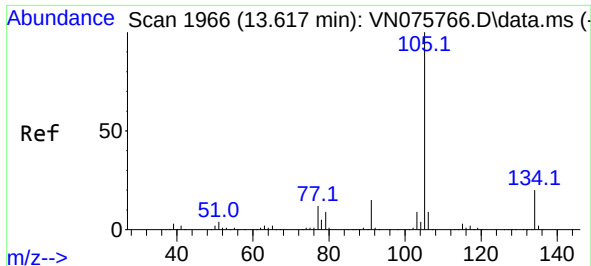
Tgt Ion: 75 Resp: 112089
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.261 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion: 105 Resp: 3503
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8

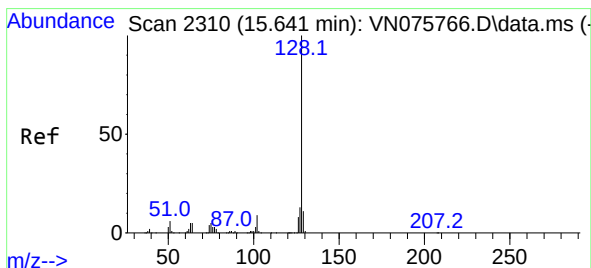
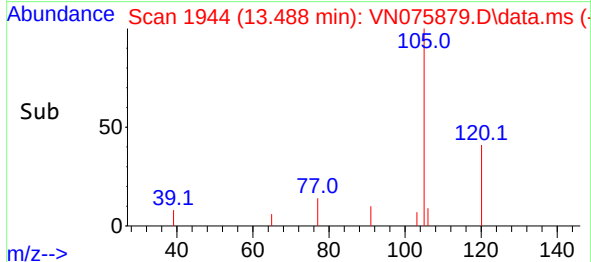
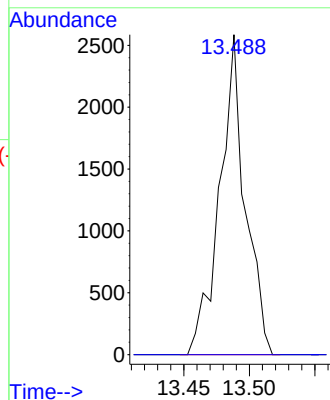
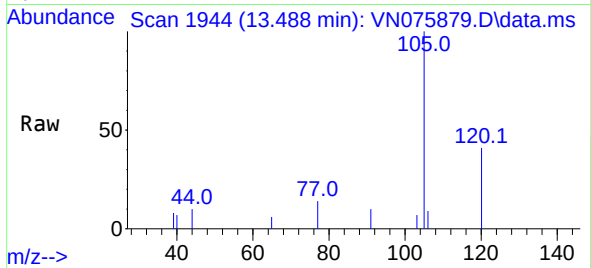




#85
 sec-Butylbenzene
 Concen: 0.213 ug/l
 RT: 13.488 min Scan# 1966
 Delta R.T. -0.129 min
 Lab File: VN075879.D
 Acq: 19 Dec 2022 18:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp: 3503
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#95
 Naphthalene
 Concen: 3.714 ug/l
 RT: 15.641 min Scan# 2310
 Delta R.T. -0.000 min
 Lab File: VN075879.D
 Acq: 19 Dec 2022 18:22

Tgt Ion:128 Resp: 19584
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 10.6 8.7 13.1

