

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075876.D
 Acq On : 19 Dec 2022 17:10
 Operator : JC\MD
 Sample : N6102-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:30:37 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)

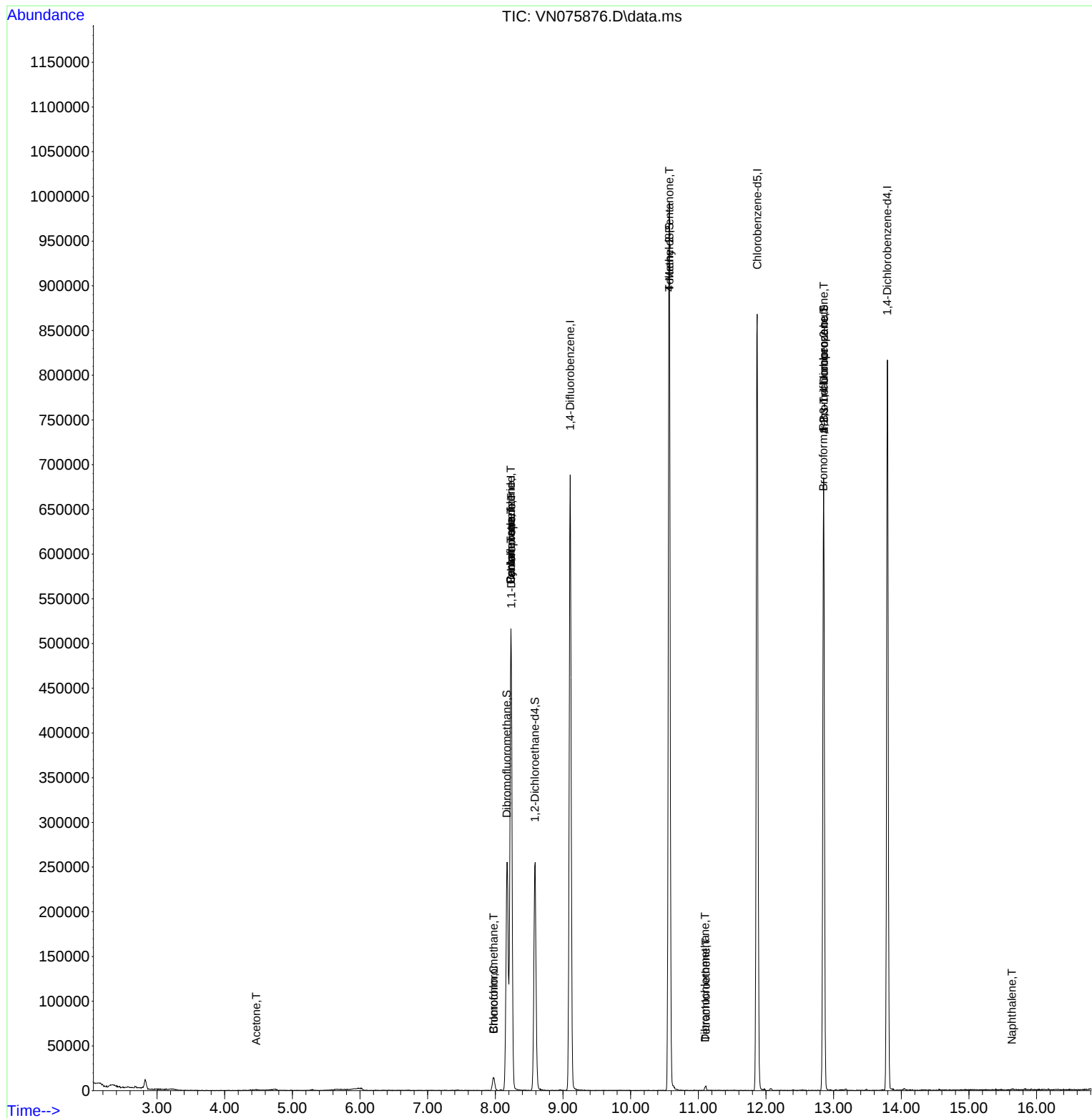
Internal Standards						
1) Pentafluorobenzene	8.230	168	400521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	203556	46.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.440%
35) Dibromofluoromethane	8.171	113	182999	46.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.571	98	724725	49.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	228289	47.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.380%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	719	0.479	ug/l #	39
20) Methylene Chloride	5.300	84	386	Below Cal	#	65
28) Bromochloromethane	7.977	49	1000	0.339	ug/l #	4
30) Chloroform	7.977	83	15104	1.995	ug/l	96
31) Cyclohexane	8.230	56	7538	1.208	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	28713	5.533	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38990	6.713	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2501	0.601	ug/l #	1
60) Dibromochloromethane	11.100	129	1235	0.271	ug/l #	11
64) Tetrachloroethene	11.112	164	1316	0.347	ug/l #	75
71) Bromoform	12.847	173	1561	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114134	24.075	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114134	86.659	ug/l #	12
95) Naphthalene	15.635	128	810	2.238	ug/l #	67

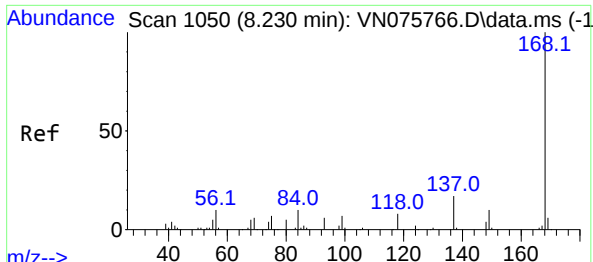
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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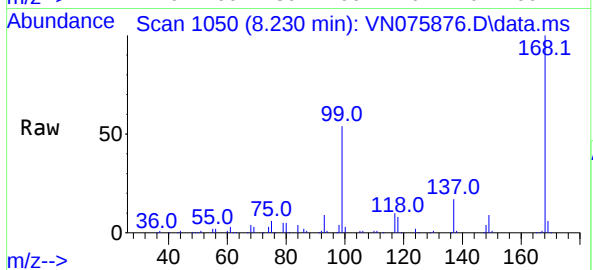
Quant Time: Dec 20 01:30:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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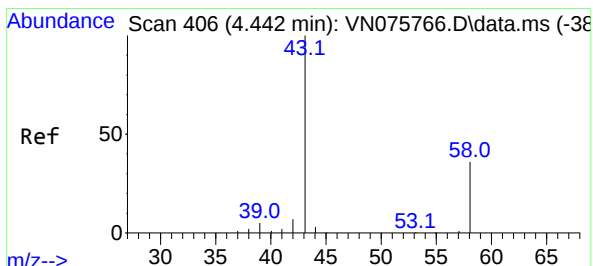
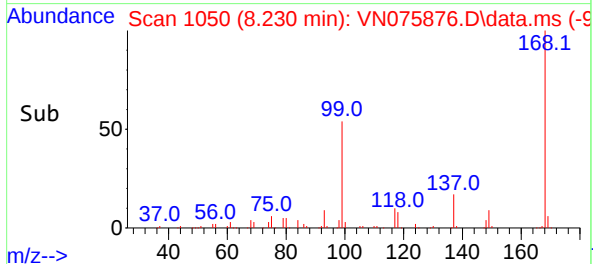
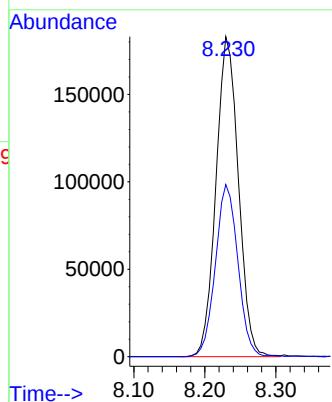


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :

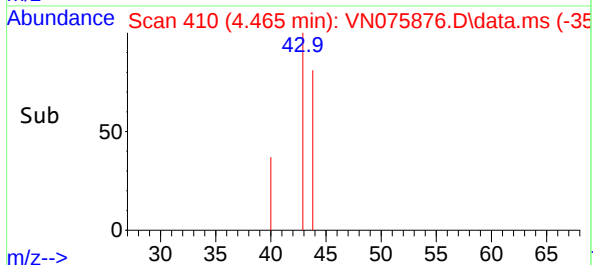
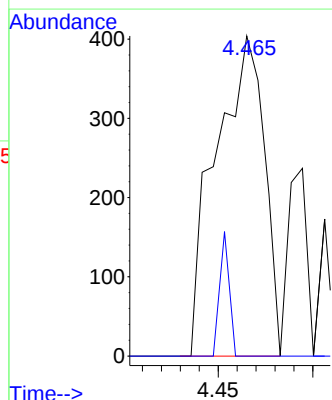
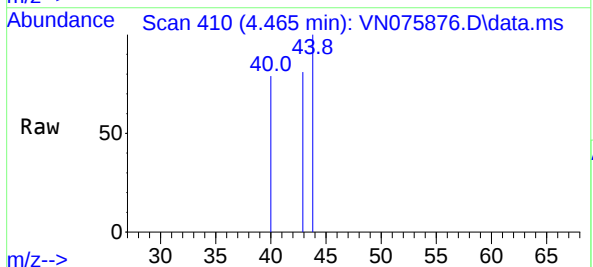


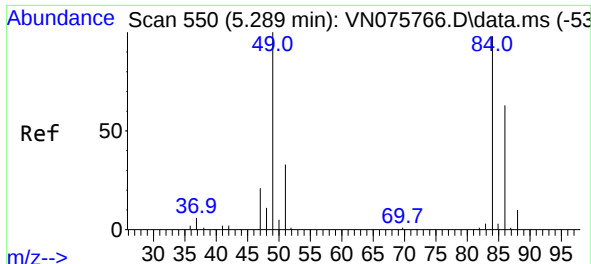
Tgt Ion:168 Resp: 400521
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#16
Acetone
Concen: 0.479 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

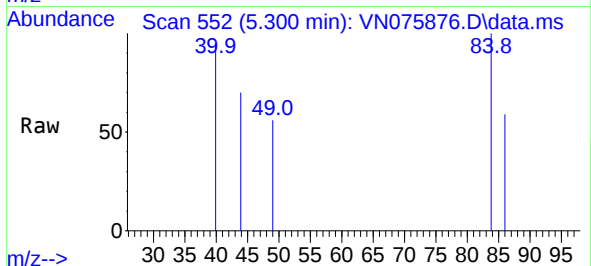
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



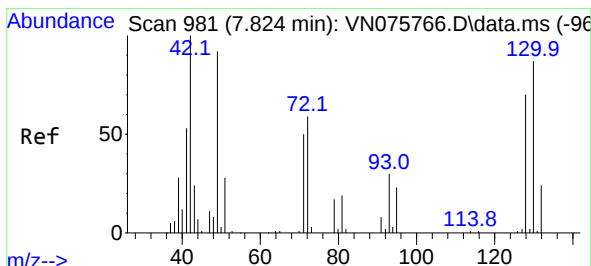
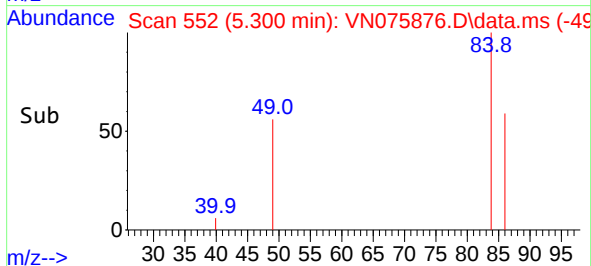
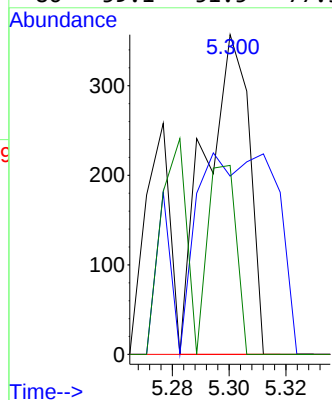


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :

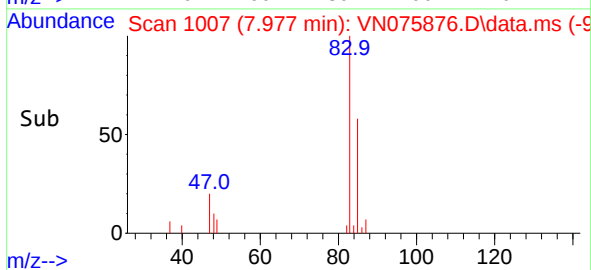
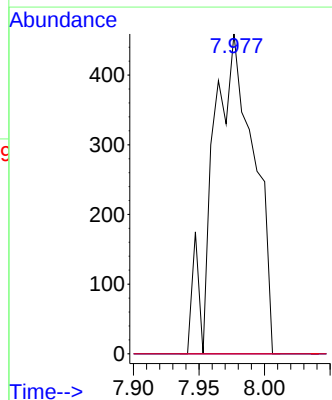
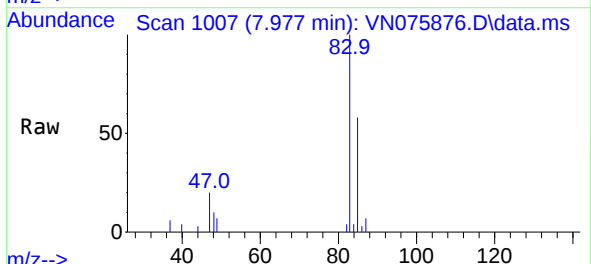


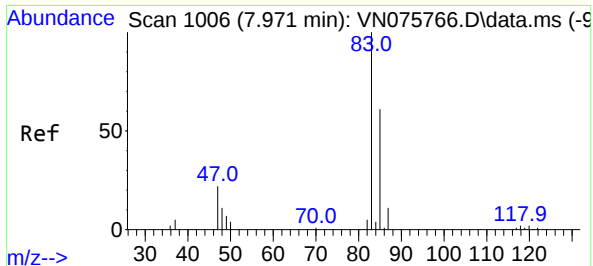
Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
49 55.7 81.8 122.6#
51 0.0 26.7 40.1#
86 59.1 51.5 77.3



#28
Bromochloromethane
Concen: 0.339 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.153 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Tgt Ion: 49 Resp: 1000
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 0.0 77.0 115.4#





#30

Chloroform

Concen: 1.995 ug/l

RT: 7.977 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN075876.D

Acq: 19 Dec 2022 17:10

Instrument :

MSVOA_N

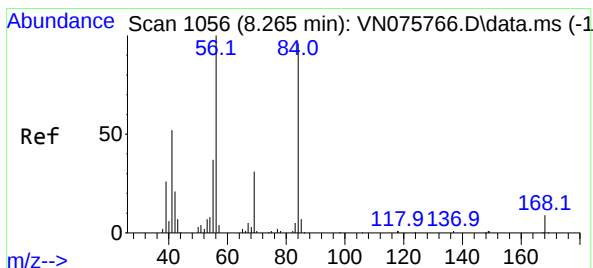
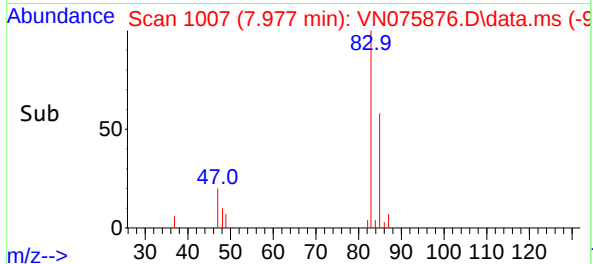
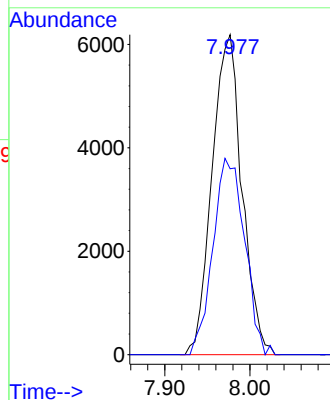
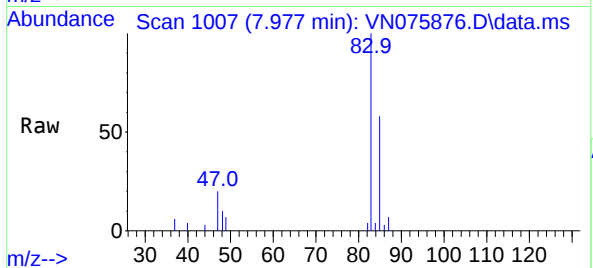
ClientSampleId :

Tgt Ion: 83 Resp: 15104

Ion Ratio Lower Upper

83 100

85 58.1 49.1 73.7



#31

Cyclohexane

Concen: 1.208 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075876.D

Acq: 19 Dec 2022 17:10

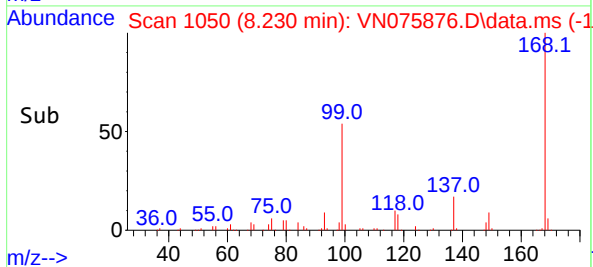
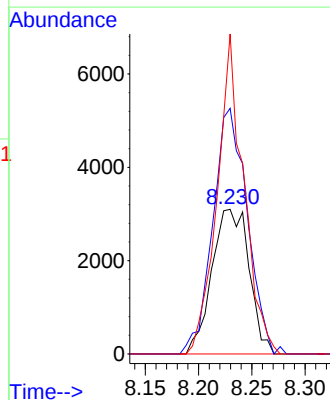
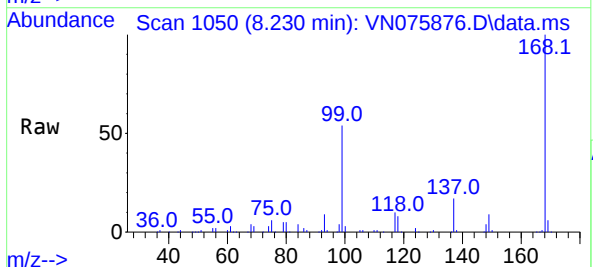
Tgt Ion: 56 Resp: 7538

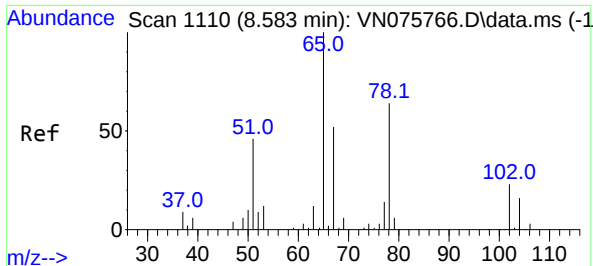
Ion Ratio Lower Upper

56 100

69 169.7 24.7 37.1#

84 221.2 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.716 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075876.D

Acq: 19 Dec 2022 17:10

Instrument :

MSVOA_N

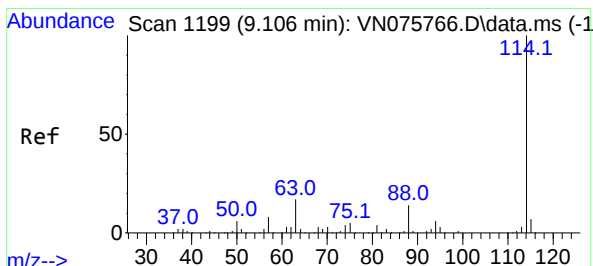
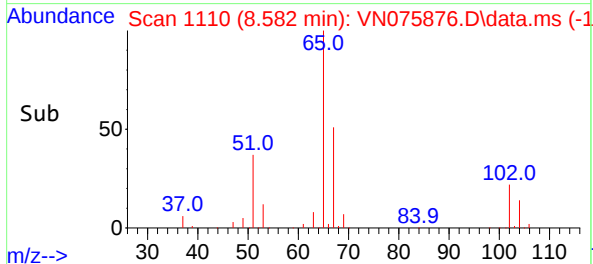
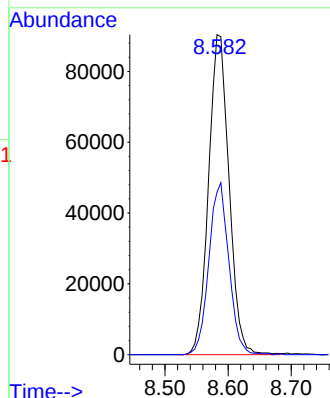
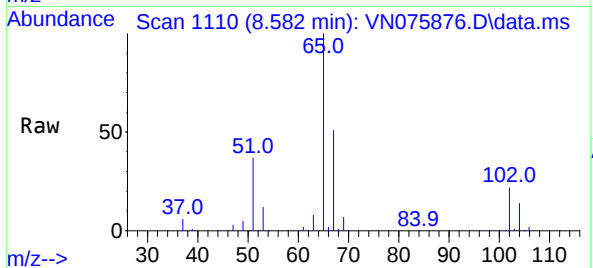
ClientSampleId :

Tgt Ion: 65 Resp: 203556

Ion Ratio Lower Upper

65 100

67 52.5 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: VN075876.D

Acq: 19 Dec 2022 17:10

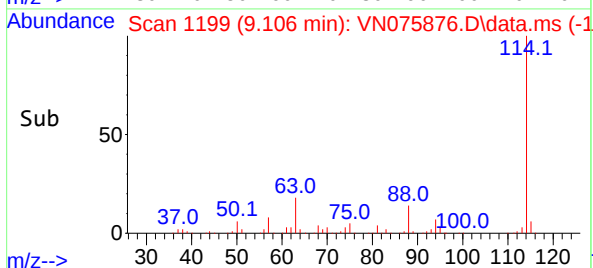
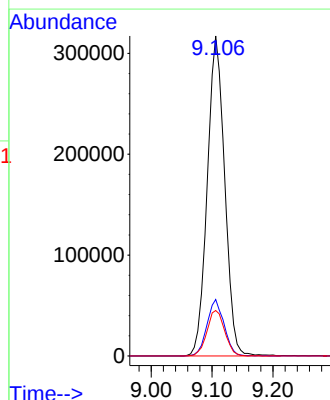
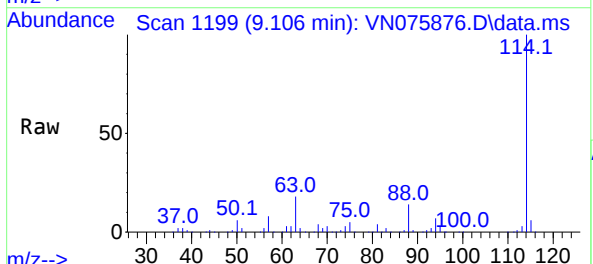
Tgt Ion: 114 Resp: 630822

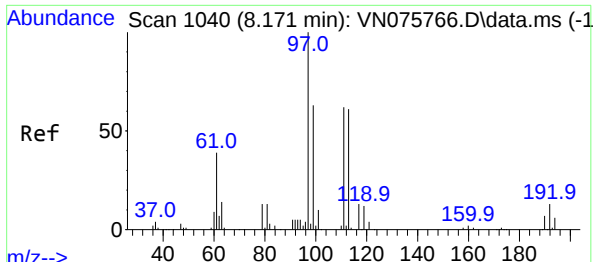
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

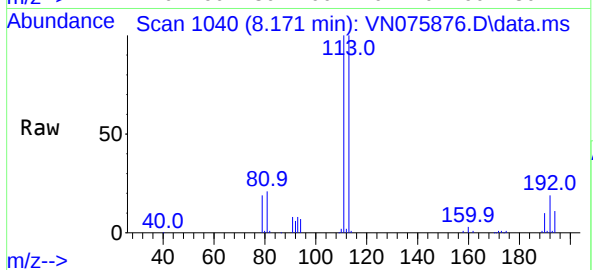
88 14.2 0.0 28.8



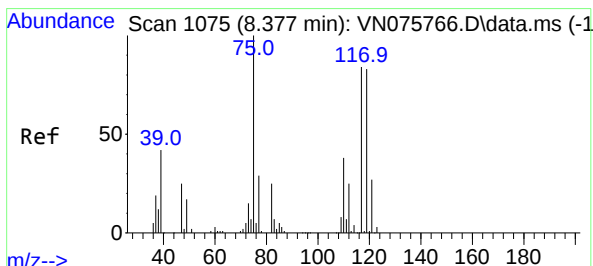
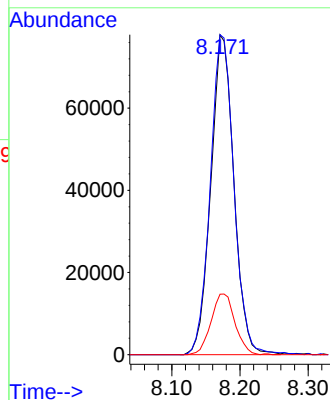
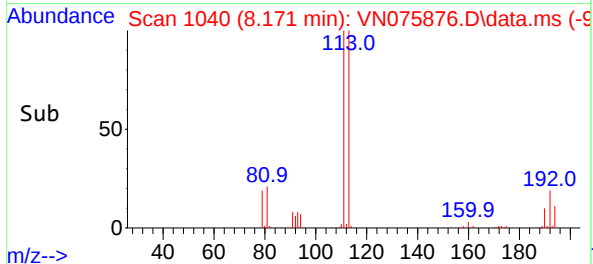


#35
Dibromofluoromethane
Concen: 46.844 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :

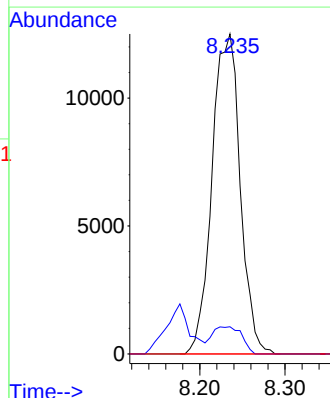
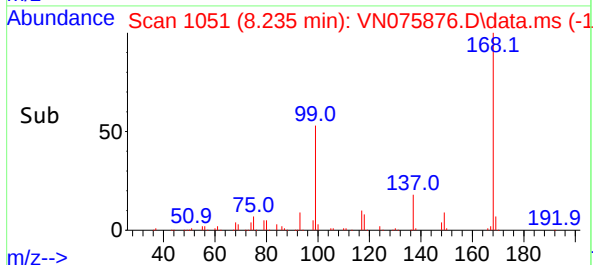
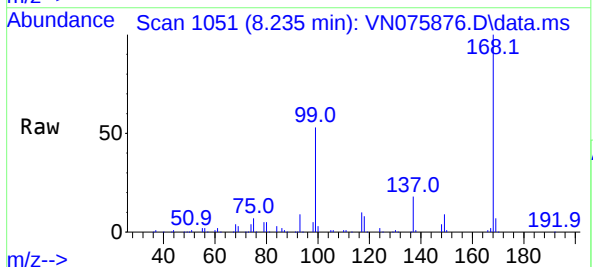


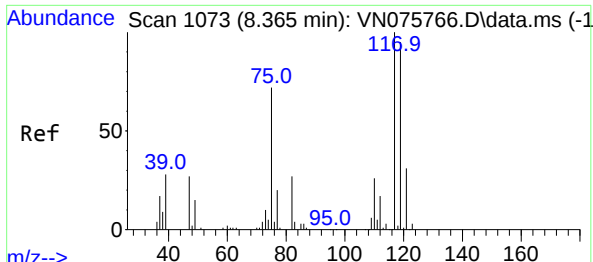
Tgt Ion:113 Resp: 182999
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.533 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

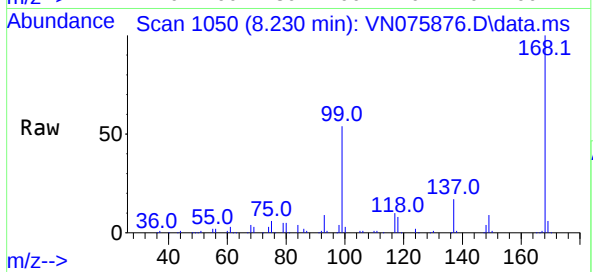
Tgt Ion: 75 Resp: 28713
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 24.1 36.1#



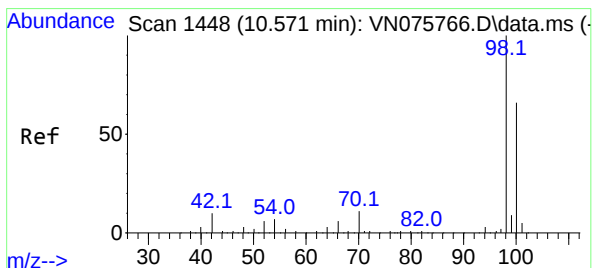
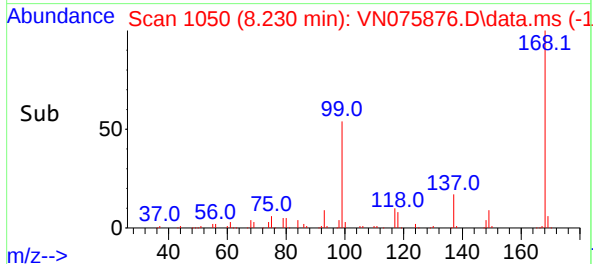
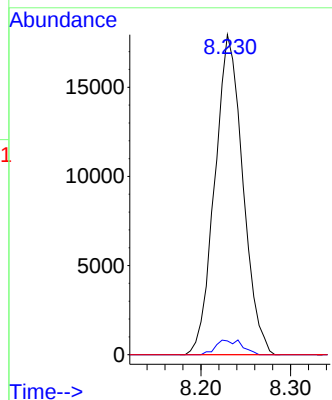


#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :

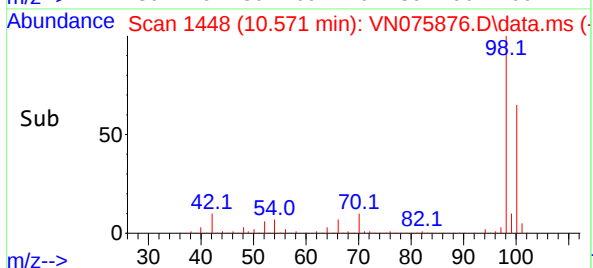
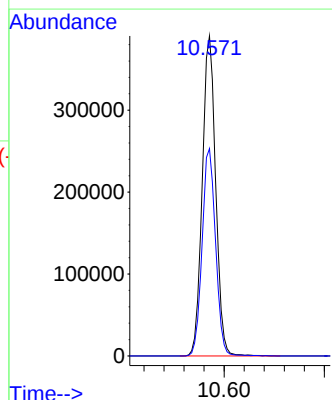
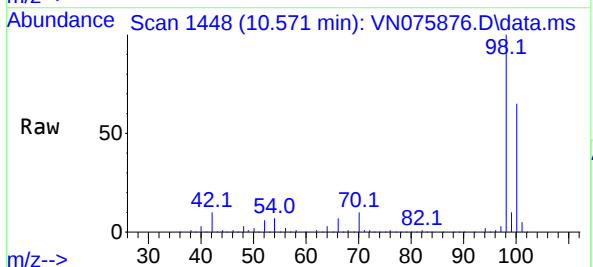


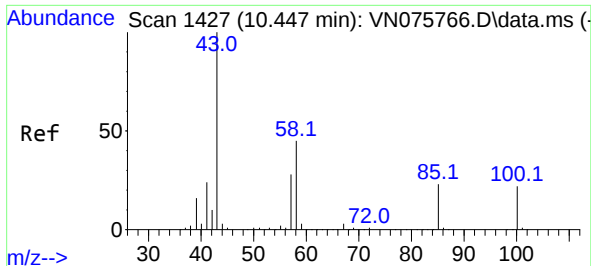
Tgt Ion:117 Resp: 38990
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Tgt Ion: 98 Resp: 724725
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

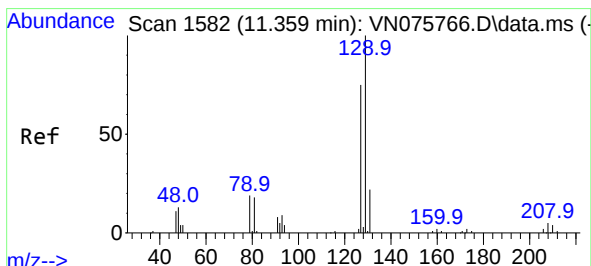
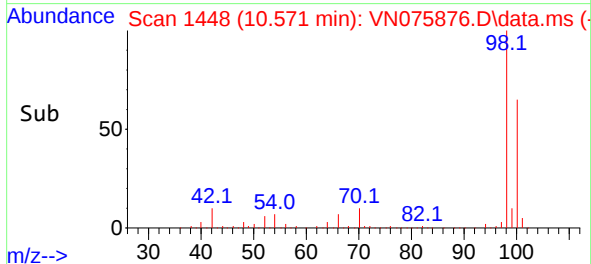
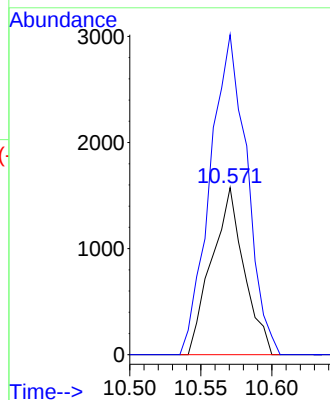
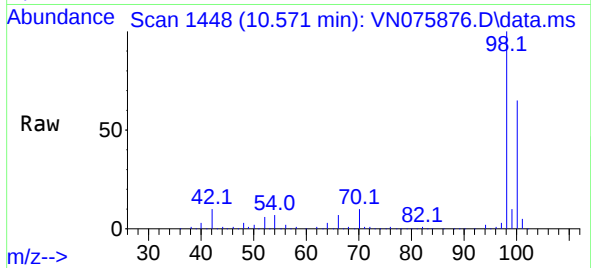




#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.123 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

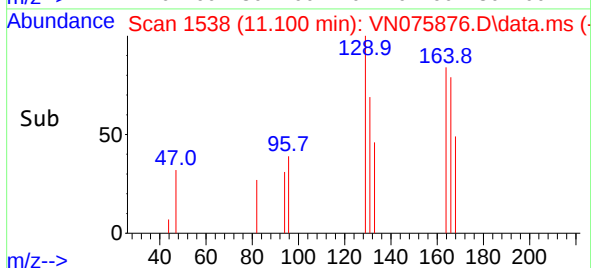
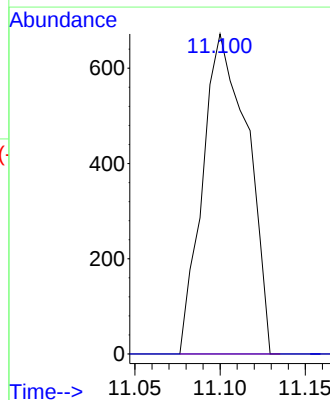
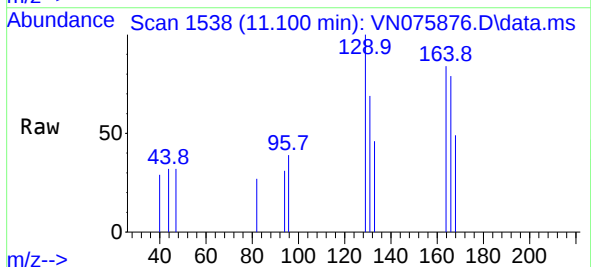
Instrument :
MSVOA_N
ClientSampleId :

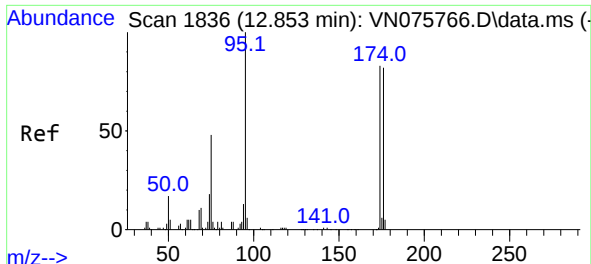
Tgt Ion: 43 Resp: 2501
Ion Ratio Lower Upper
43 100
58 217.8 35.5 53.3#



#60
Dibromochloromethane
Concen: 0.271 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.259 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Tgt Ion: 129 Resp: 1235
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#

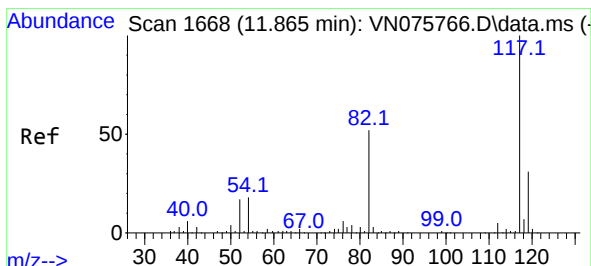
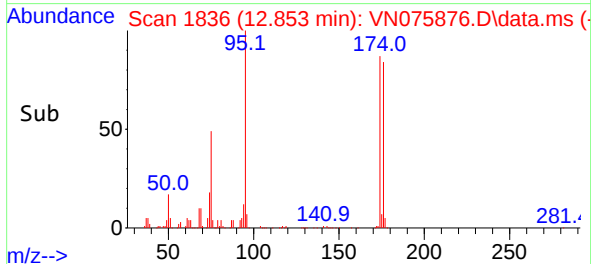
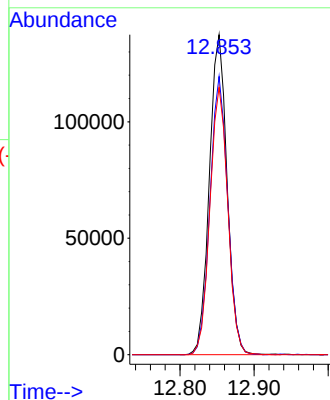
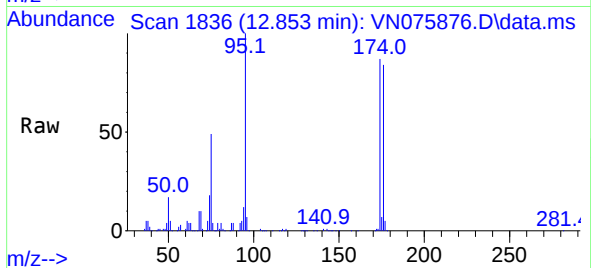




#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

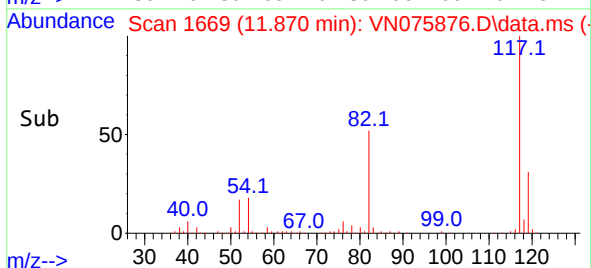
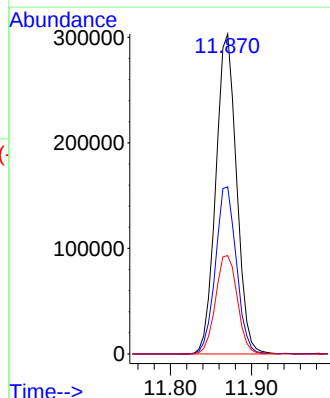
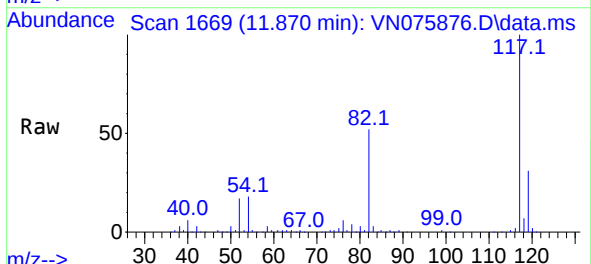
Instrument :
MSVOA_N
ClientSampleId :

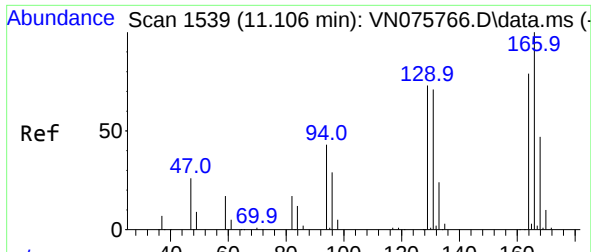
Tgt Ion: 95 Resp: 228289
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

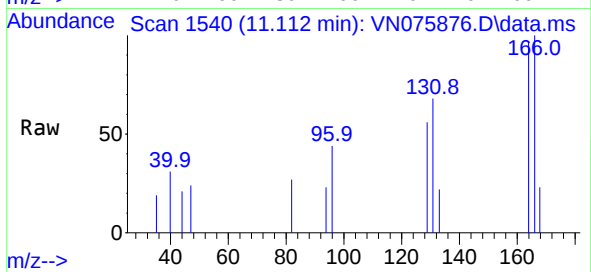
Tgt Ion: 117 Resp: 538775
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 30.8 24.6 37.0



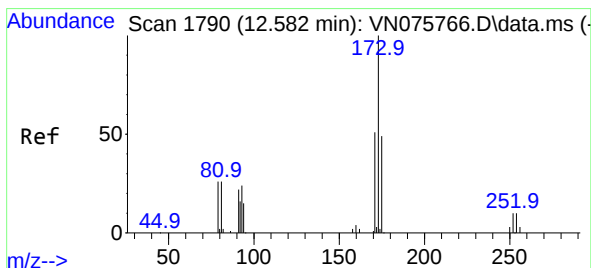
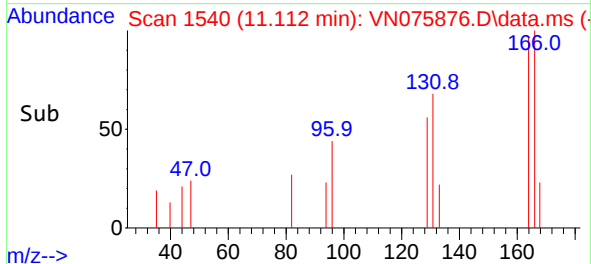
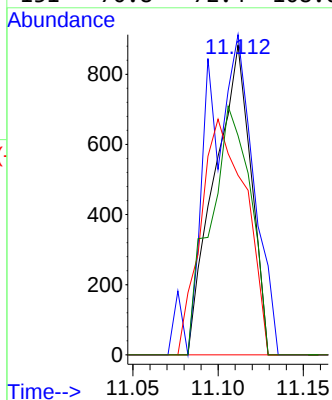


#64
Tetrachloroethene
Concen: 0.347 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :

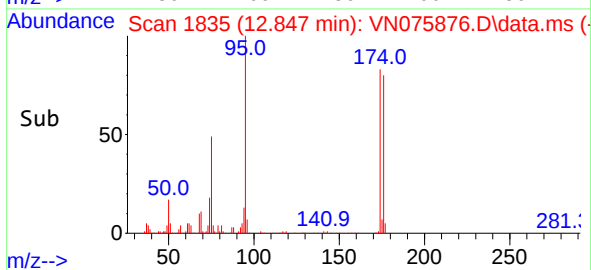
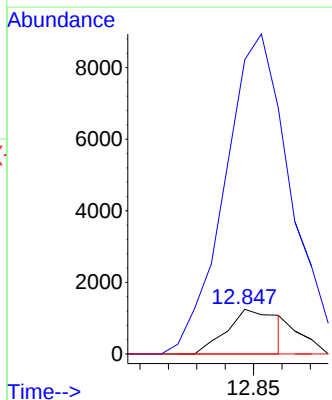
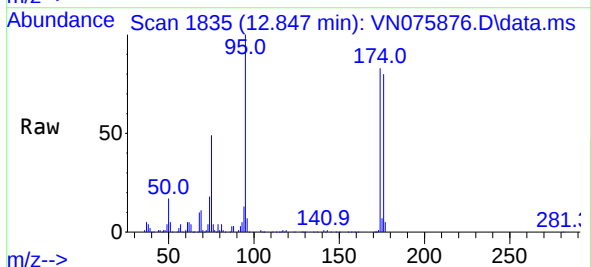


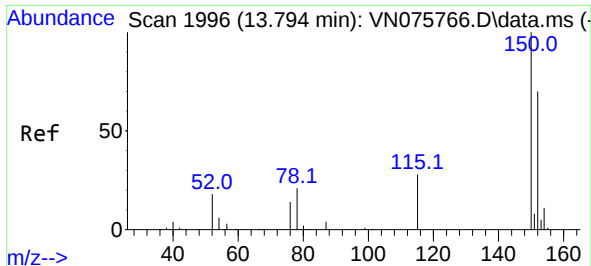
Tgt Ion:164 Resp: 1316
Ion Ratio Lower Upper
164 100
166 103.4 101.9 152.9
129 58.0 74.2 111.2#
131 70.8 72.4 108.6#



#71
Bromoform
Concen: 0.524 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

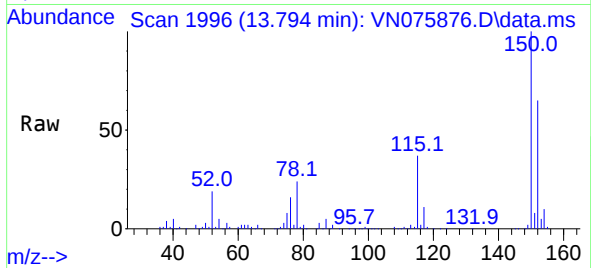
Tgt Ion:173 Resp: 1561
Ion Ratio Lower Upper
173 100
175 756.4 24.3 72.8#
254 0.0 0.0 0.0



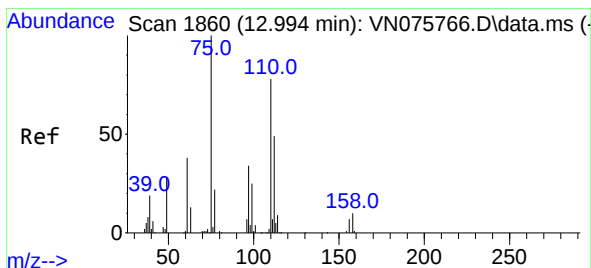
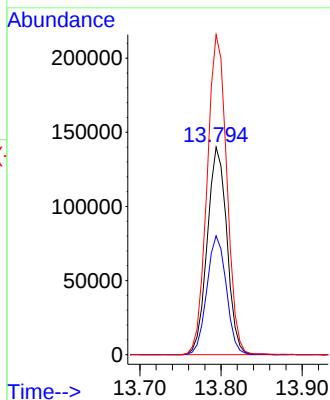
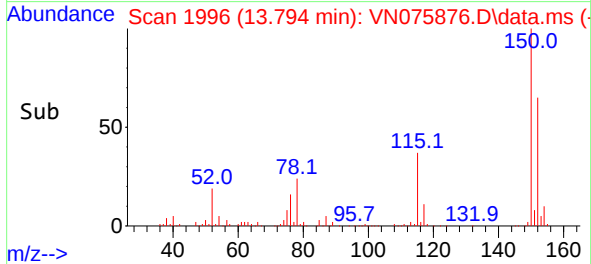


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075876.D
 Acq: 19 Dec 2022 17:10

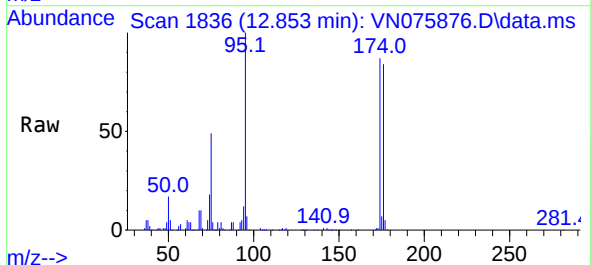
Instrument :
 MSVOA_N
 ClientSampleId :



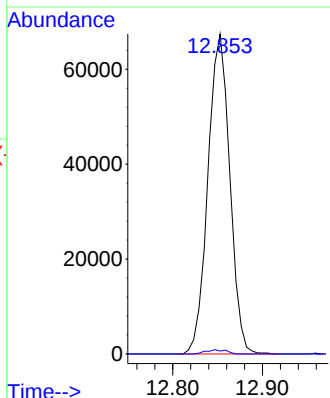
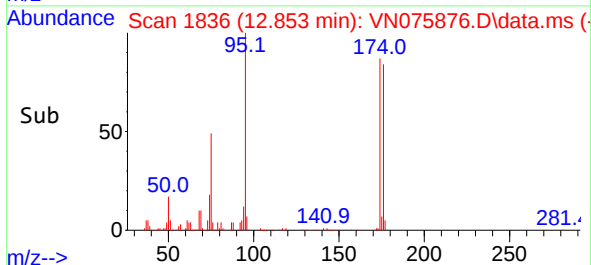
Tgt Ion:152 Resp: 235184
 Ion Ratio Lower Upper
 152 100
 115 56.7 29.1 87.4
 150 154.9 0.0 347.0

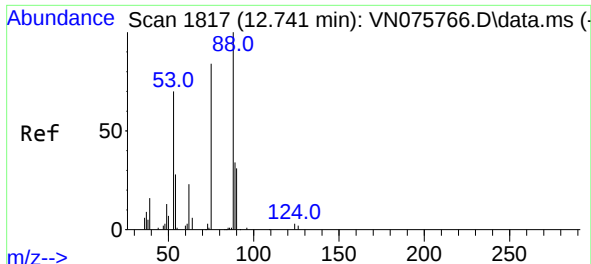


#76
 1,2,3-Trichloropropane
 Concen: 24.075 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075876.D
 Acq: 19 Dec 2022 17:10



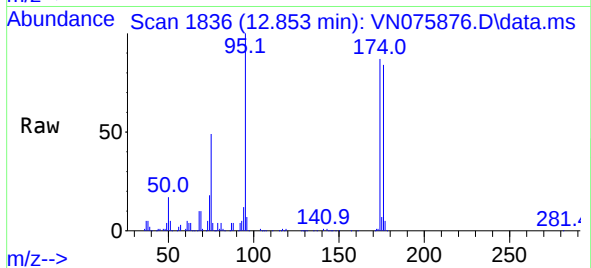
Tgt Ion: 75 Resp: 114134
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#



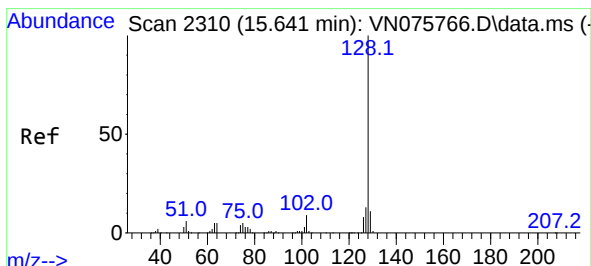
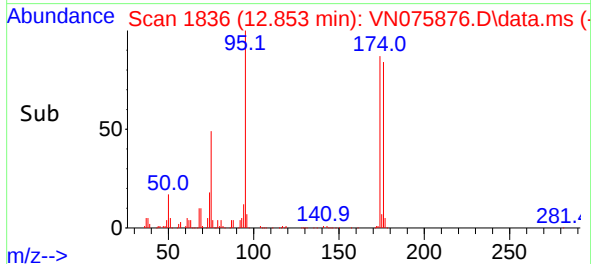
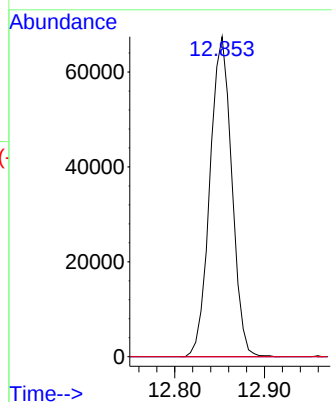


#81
trans-1,4-Dichloro-2-butene
Concen: 86.659 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 114134
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.238 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075876.D
Acq: 19 Dec 2022 17:10

Tgt Ion:128 Resp: 810
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 23.7 8.7 13.1#

