

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075820.D
 Acq On : 15 Dec 2022 16:11
 Operator : JC\MD
 Sample : N6074-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 03:10:30 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)

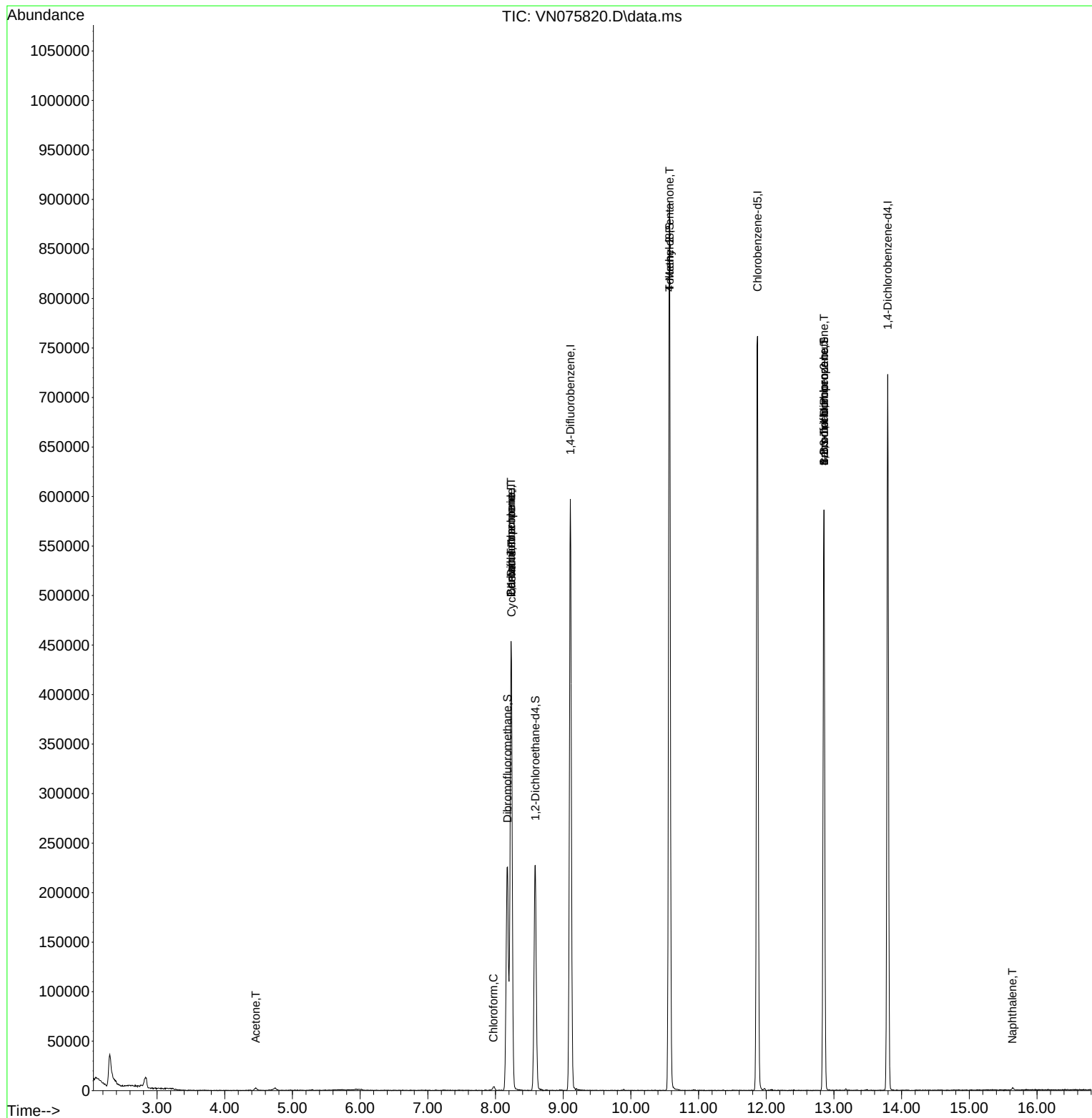
Internal Standards						
1) Pentafluorobenzene	8.230	168	354543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	478918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182504	47.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.177	113	167574	49.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	10.571	98	634481	49.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.853	95	197437	46.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	3896	2.930	ug/l	97
20) Methylene Chloride	5.295	84	263	Below Cal	#	79
30) Chloroform	7.971	83	3850	0.575	ug/l	100
31) Cyclohexane	8.236	56	6264	1.134	ug/l	# 1
36) 1,1-Dichloropropene	8.230	75	26082	5.754	ug/l	# 51
38) Carbon Tetrachloride	8.230	117	34407	6.782	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.571	43	2060	0.567	ug/l	# 1
71) Bromoform	12.853	173	1421	0.536	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	99829	25.036	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	99829	90.117	ug/l	# 12
95) Naphthalene	15.635	128	2827	2.429	ug/l	# 82

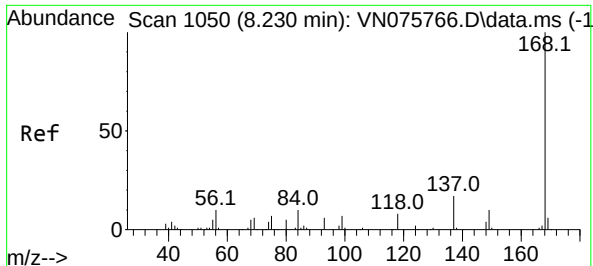
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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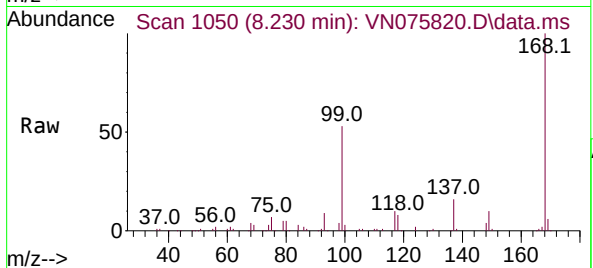
Quant Time: Dec 16 03:10:30 2022
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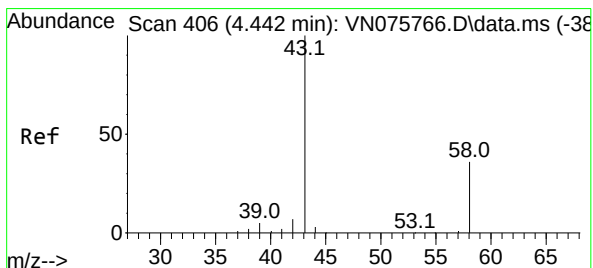
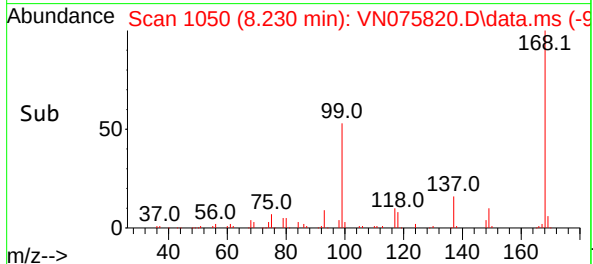
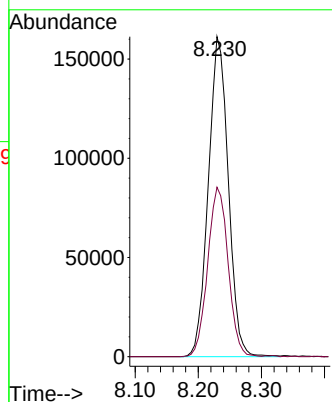


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :

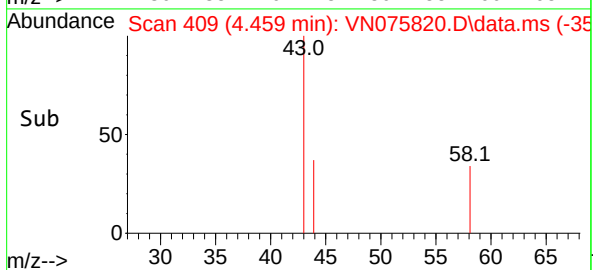
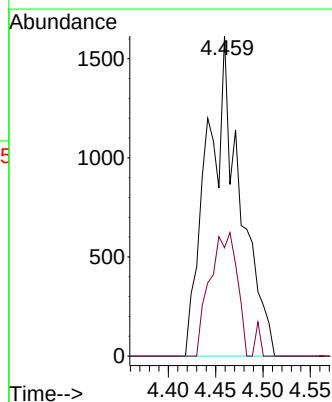
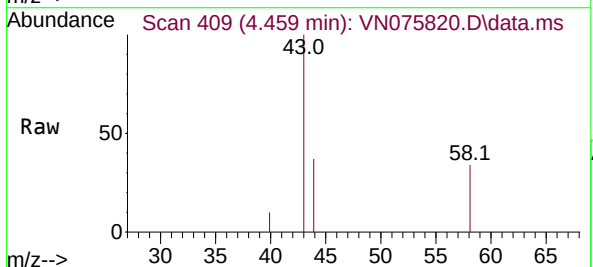


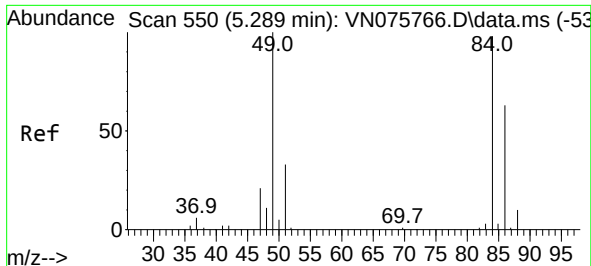
Tgt Ion:168 Resp: 354543
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#16
Acetone
Concen: 2.930 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
58 33.8 28.6 43.0





#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 51

Delta R.T. 0.006 min

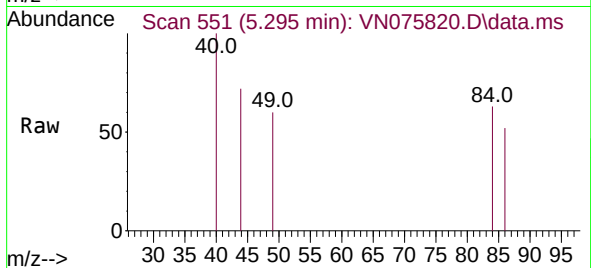
Lab File: VN075820.D

Acq: 15 Dec 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 263

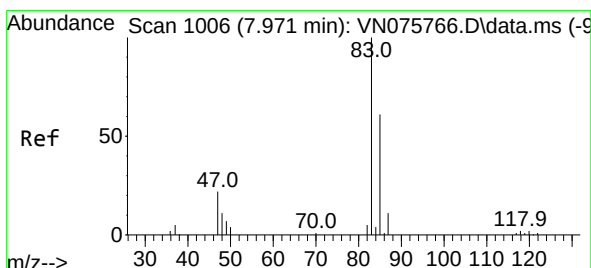
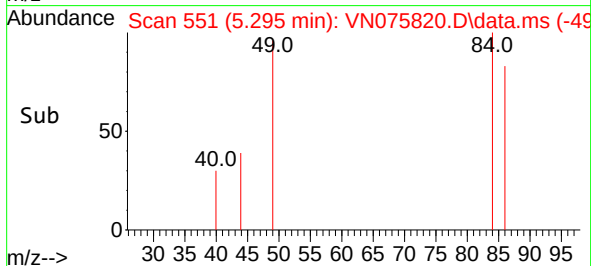
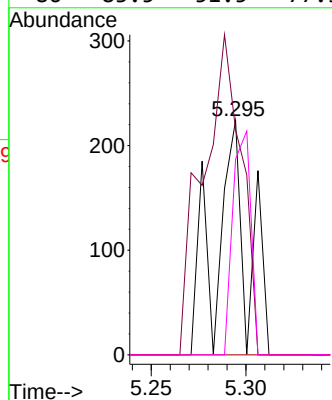
Ion Ratio Lower Upper

84 100

49 96.0 81.8 122.6

51 0.0 26.7 40.1#

86 83.5 51.5 77.3#



#30

Chloroform

Concen: 0.575 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075820.D

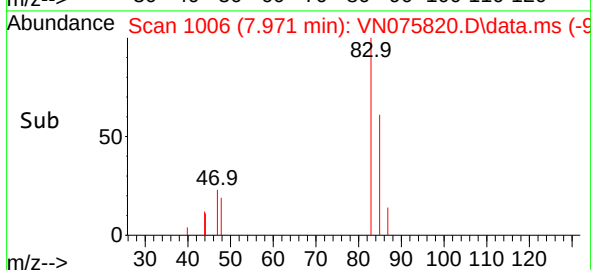
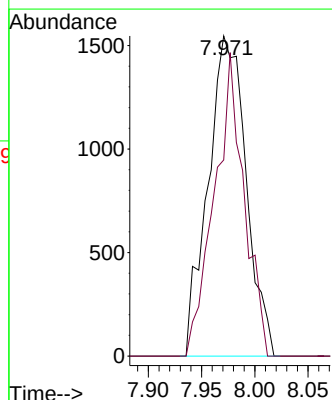
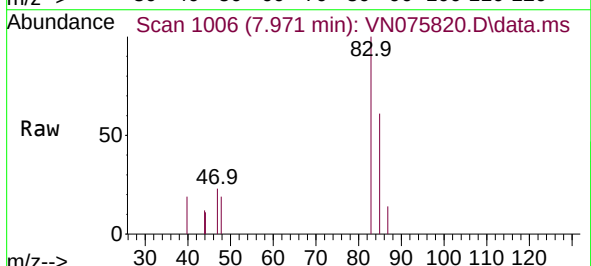
Acq: 15 Dec 2022 16:11

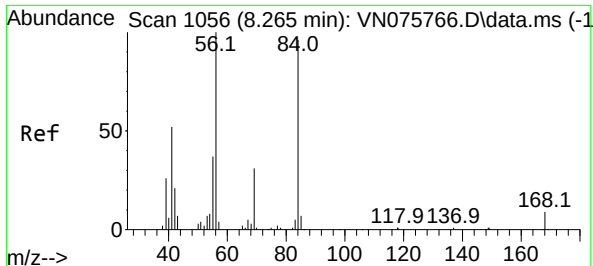
Tgt Ion: 83 Resp: 3850

Ion Ratio Lower Upper

83 100

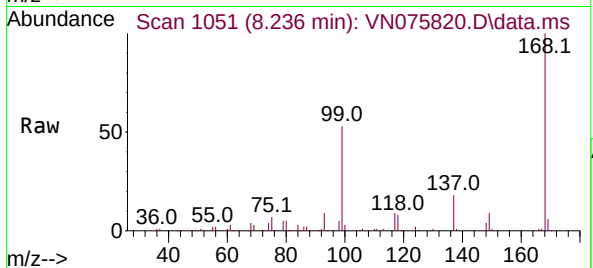
85 61.3 49.1 73.7



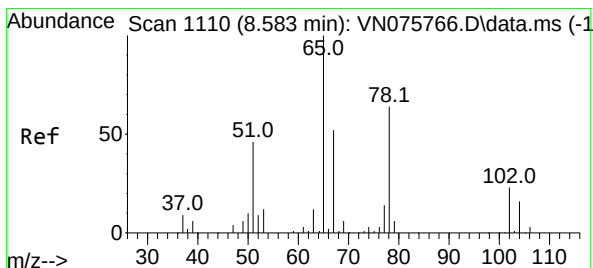
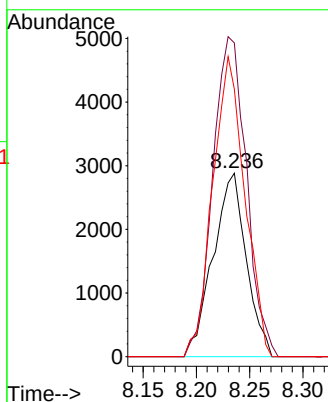
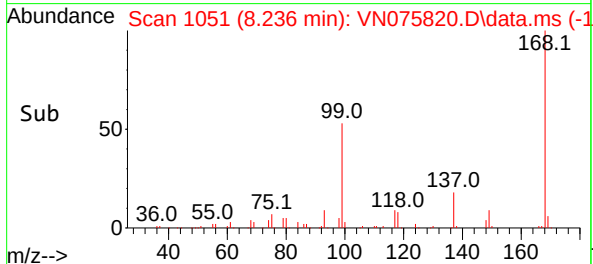


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :

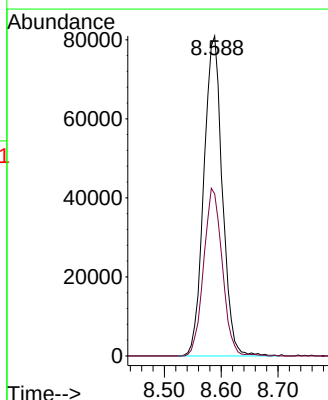
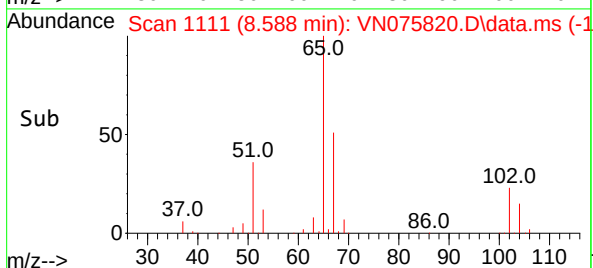
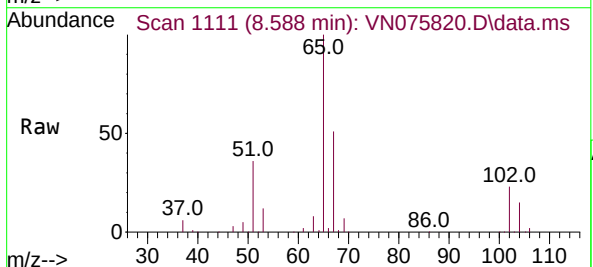


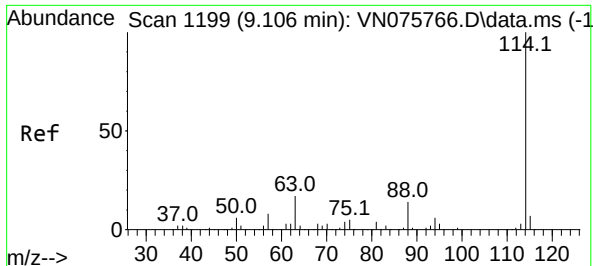
Tgt Ion: 56 Resp: 6264
Ion Ratio Lower Upper
56 100
69 171.0 24.7 37.1#
84 145.8 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.316 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Tgt Ion: 65 Resp: 182504
Ion Ratio Lower Upper
65 100
67 52.8 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: VN075820.D

Acq: 15 Dec 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

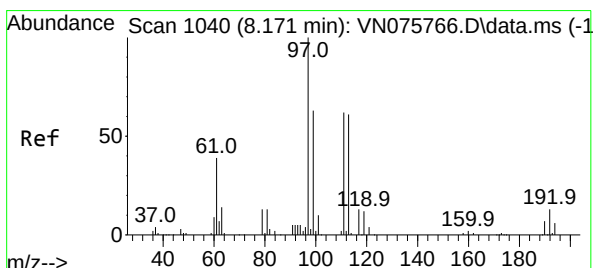
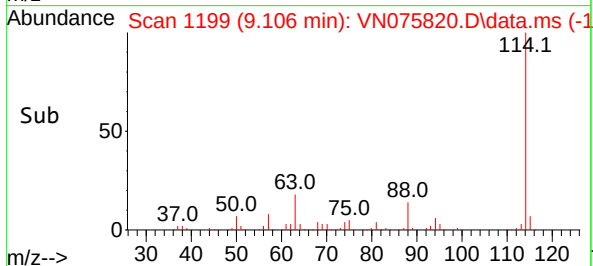
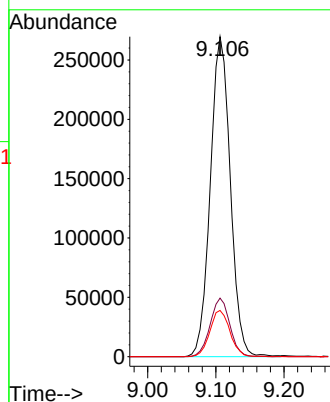
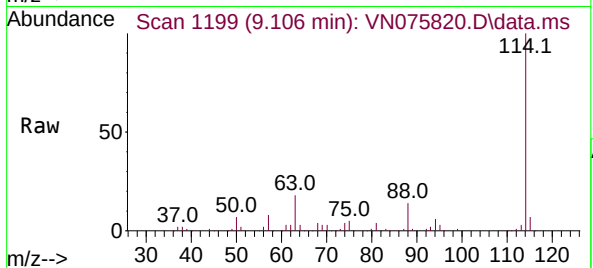
Tgt Ion:114 Resp: 550993

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.110 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075820.D

Acq: 15 Dec 2022 16:11

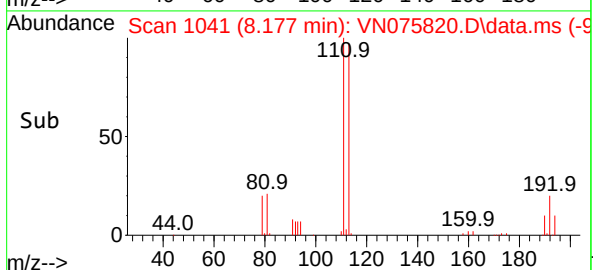
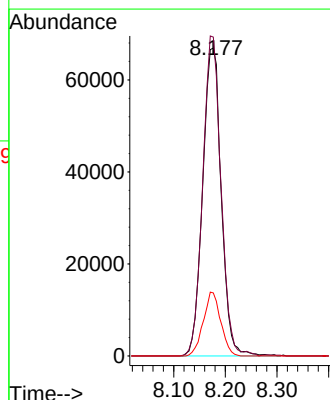
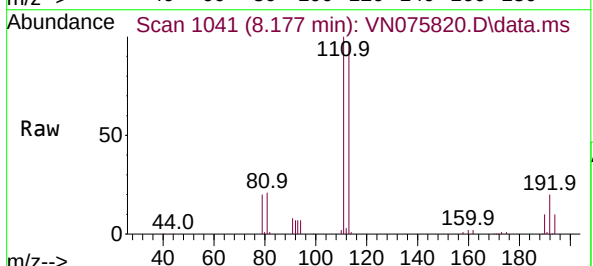
Tgt Ion:113 Resp: 167574

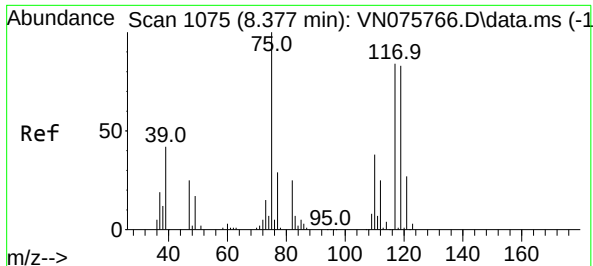
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

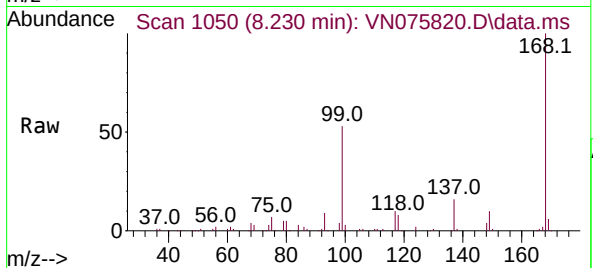
192 19.4 16.1 24.1



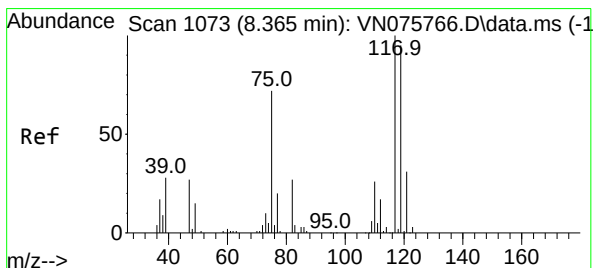
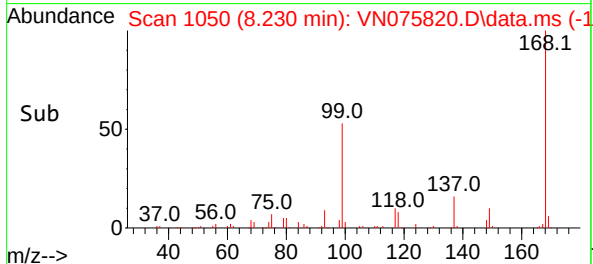
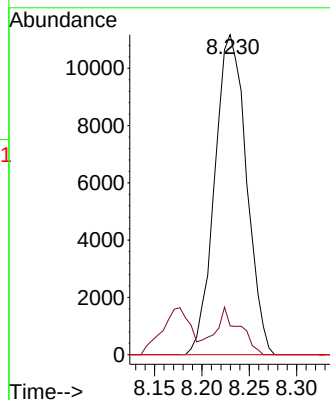


#36
1,1-Dichloropropene
Concen: 5.754 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :

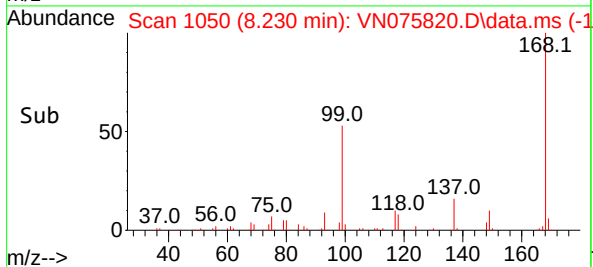
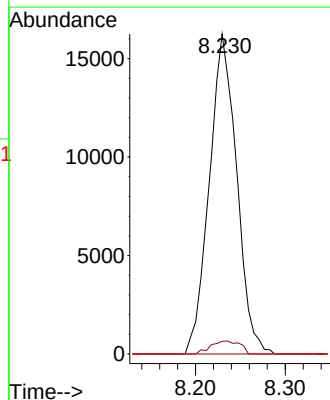
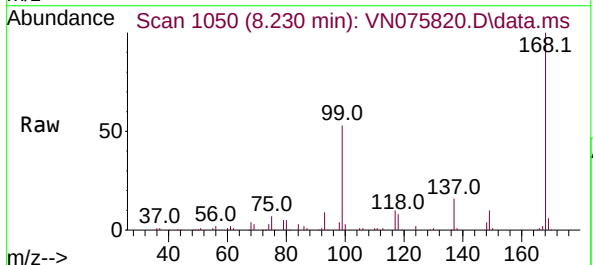


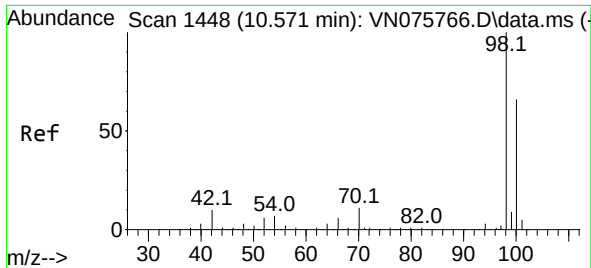
Tgt Ion: 75 Resp: 26082
Ion Ratio Lower Upper
75 100
110 11.1 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.782 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Tgt Ion: 117 Resp: 34407
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.5 36.7#

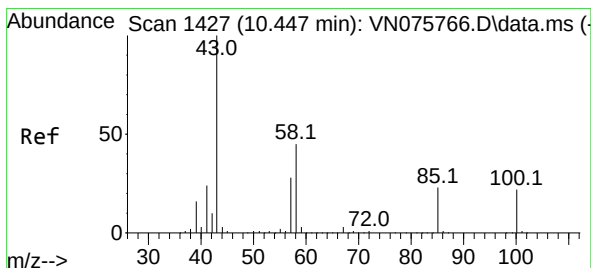
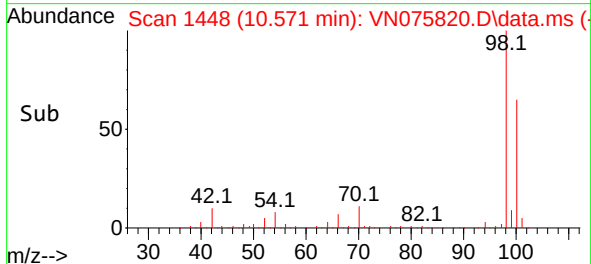
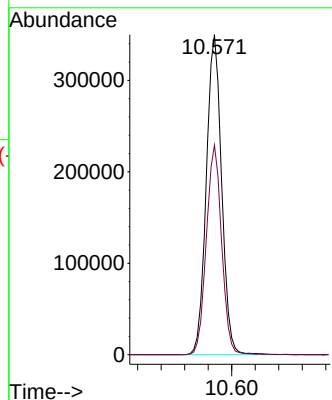
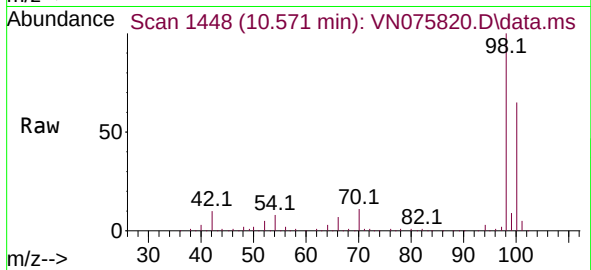




#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

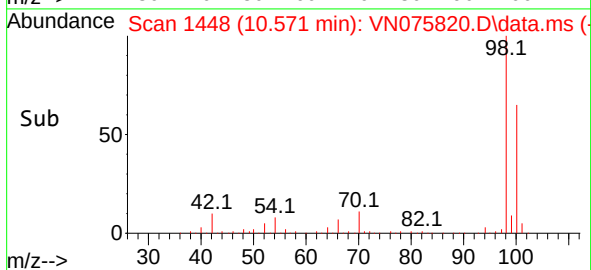
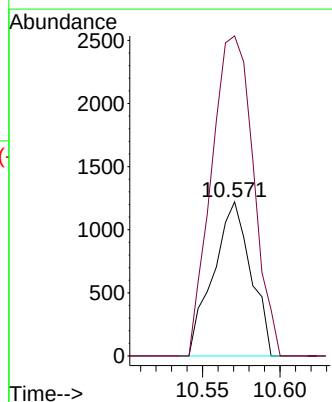
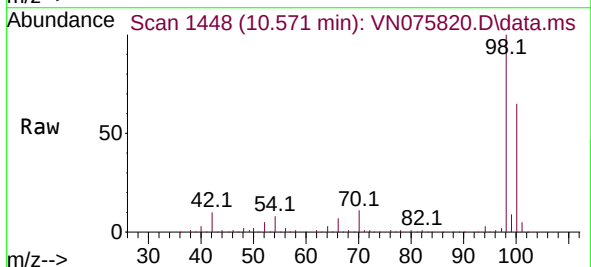
Instrument :
MSVOA_N
ClientSampleId :

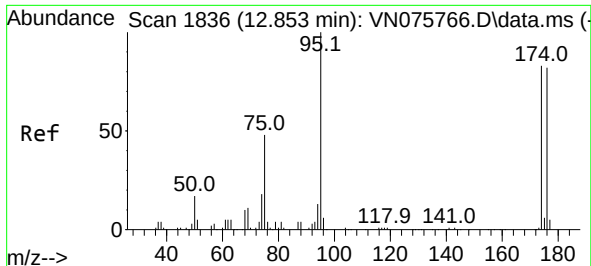
Tgt Ion: 98 Resp: 634481
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 231.3 35.5 53.3#





#62

4-Bromofluorobenzene

Concen: 46.725 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075820.D

Acq: 15 Dec 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

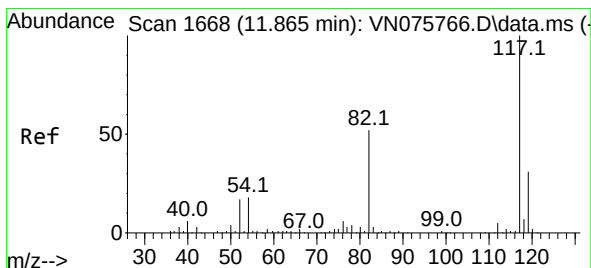
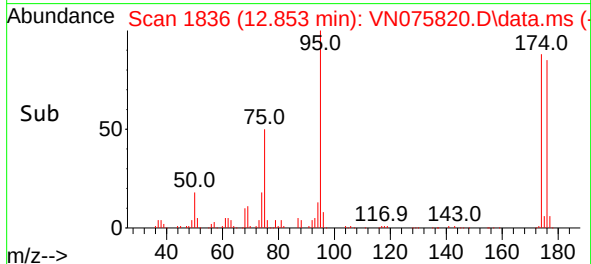
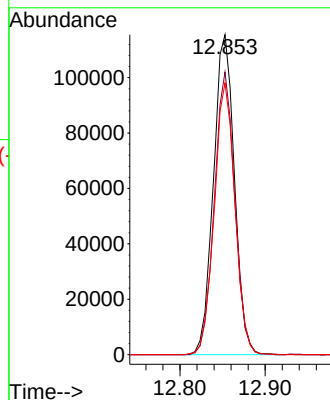
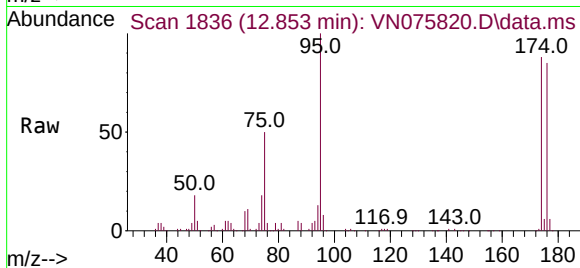
Tgt Ion: 95 Resp: 197437

Ion Ratio Lower Upper

95 100

174 86.4 0.0 171.6

176 83.6 0.0 169.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075820.D

Acq: 15 Dec 2022 16:11

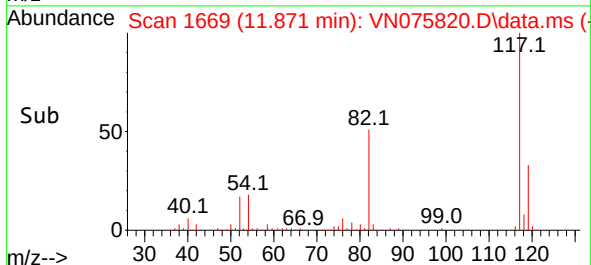
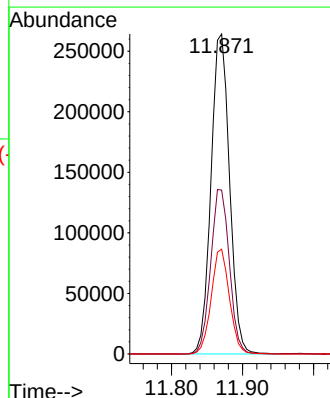
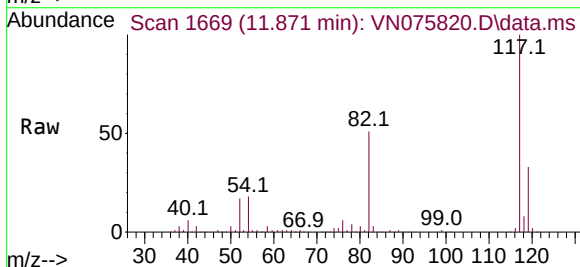
Tgt Ion: 117 Resp: 478918

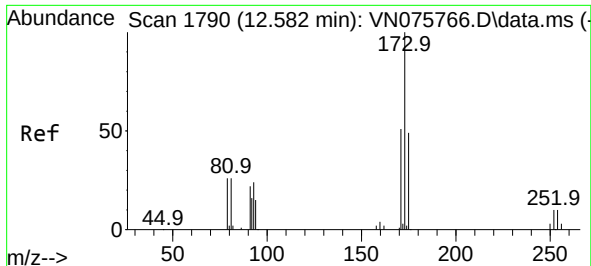
Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

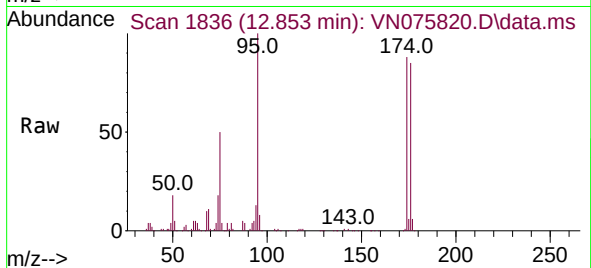
119 32.7 24.6 37.0



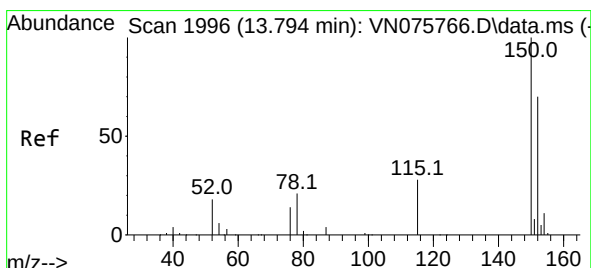
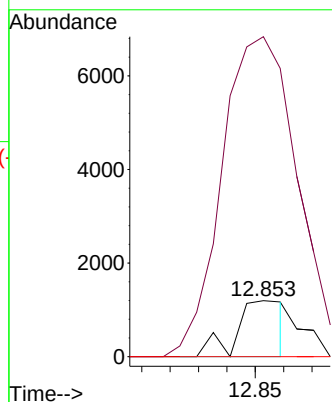
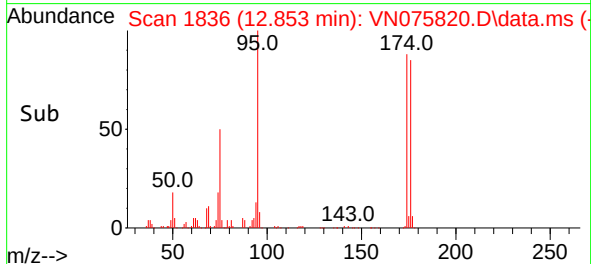


#71
Bromoform
Concen: 0.536 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

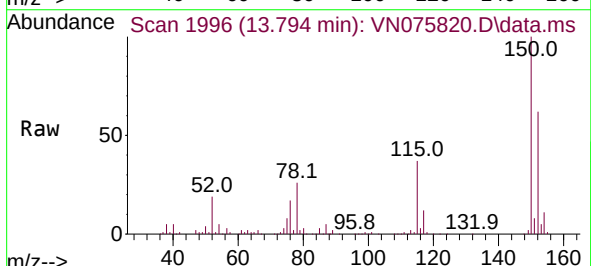
Instrument :
MSVOA_N
ClientSampleId :



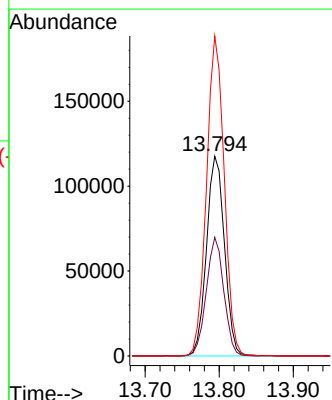
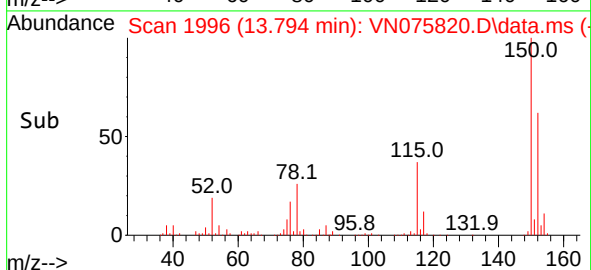
Tgt Ion:173 Resp: 1421
Ion Ratio Lower Upper
173 100
175 715.0 24.3 72.8#
254 0.0 0.0 0.0

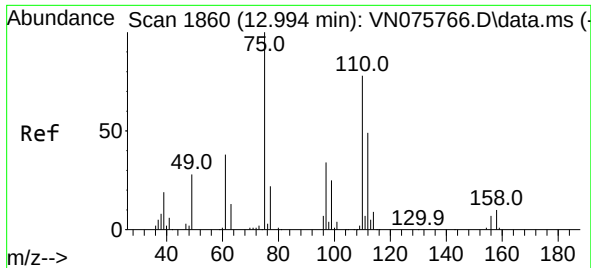


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11



Tgt Ion:152 Resp: 197812
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 157.9 0.0 347.0

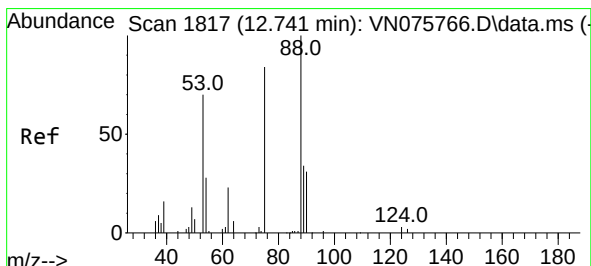
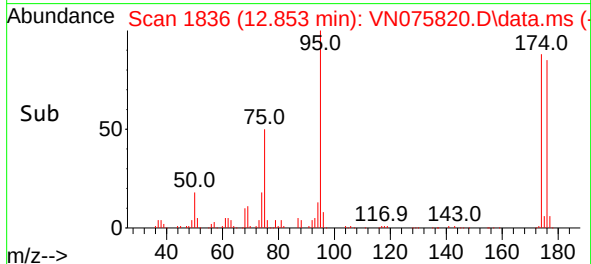
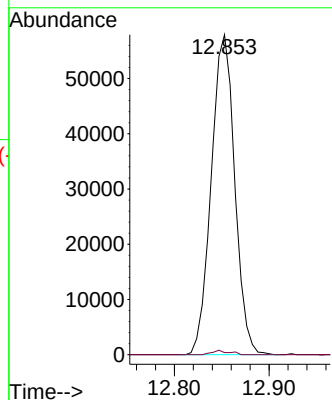
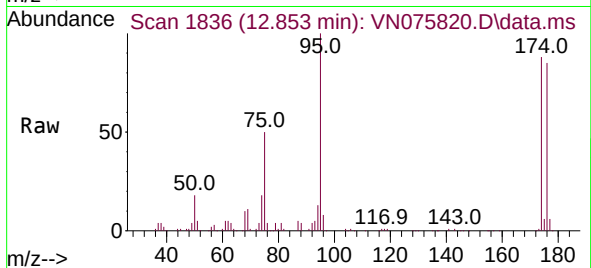




#76
1,2,3-Trichloropropane
Concen: 25.036 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

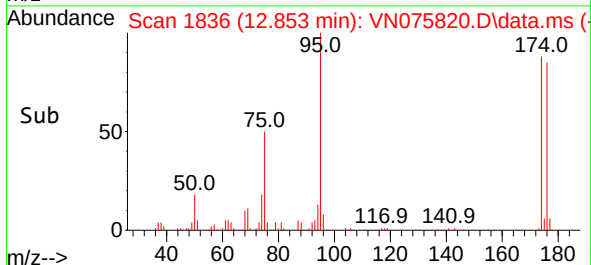
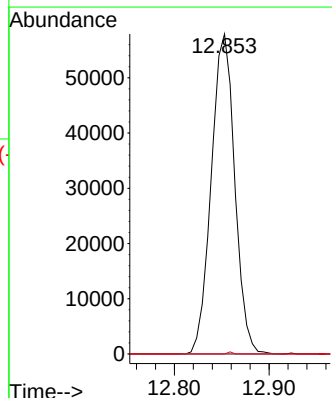
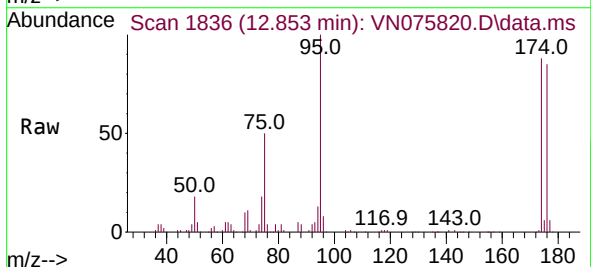
Instrument :
MSVOA_N
ClientSampleId :

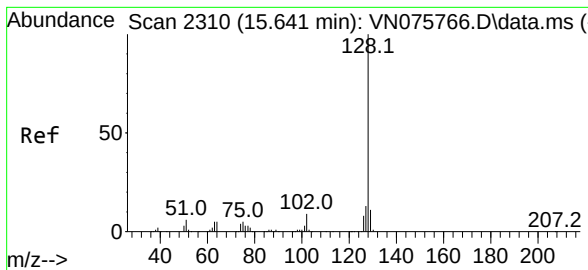
Tgt Ion: 75 Resp: 99829
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.117 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075820.D
Acq: 15 Dec 2022 16:11

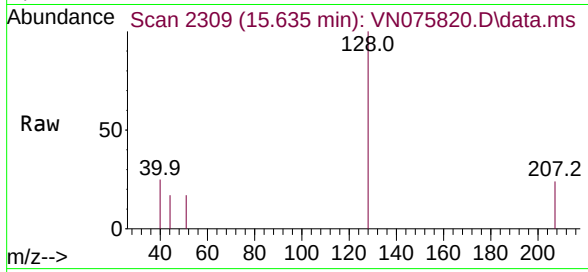
Tgt Ion: 75 Resp: 99829
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
 Naphthalene
 Concen: 2.429 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN075820.D
 Acq: 15 Dec 2022 16:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	2827
Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.4	15.6#
129	5.1	8.7	13.1#

