

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075882.D
 Acq On : 19 Dec 2022 19:34
 Operator : JC\MD
 Sample : N6131-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:31:32 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

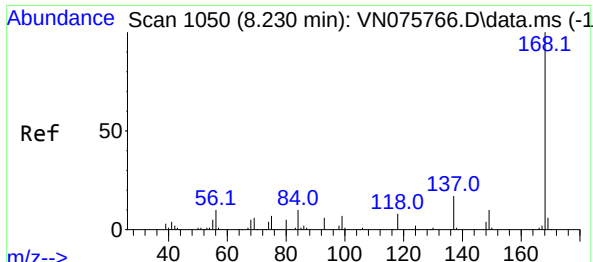
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	395026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	530264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201923	46.986	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.980%
35) Dibromofluoromethane	8.177	113	182180	47.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	10.571	98	707192	49.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.853	95	218885	46.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.300	84	427	Below Cal	#	64
31) Cyclohexane	8.230	56	7755	1.260	ug/l #	30
36) 1,1-Dichloropropene	8.230	75	28925	5.697	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38493	6.774	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2456	0.604	ug/l #	1
71) Bromoform	12.853	173	1770	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	112053	26.016	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	112053	93.646	ug/l #	12
95) Naphthalene	15.653	128	1991	2.341	ug/l #	69

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

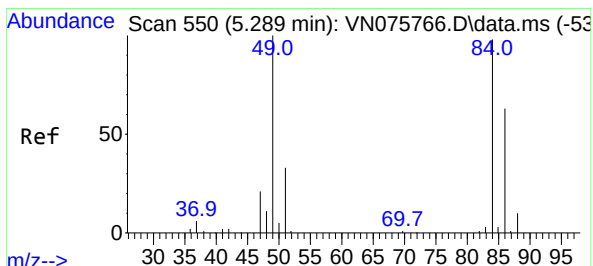
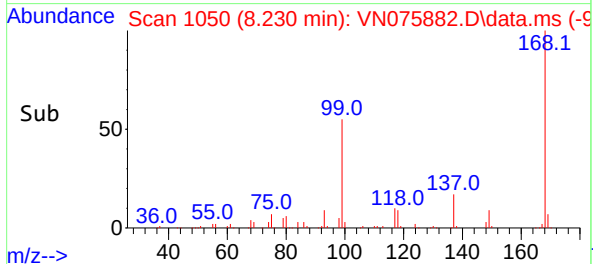
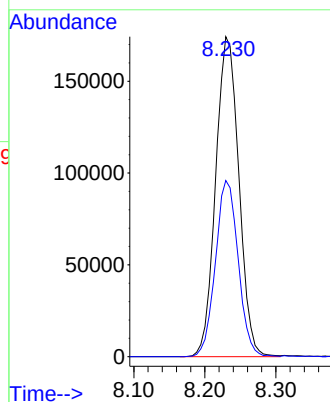
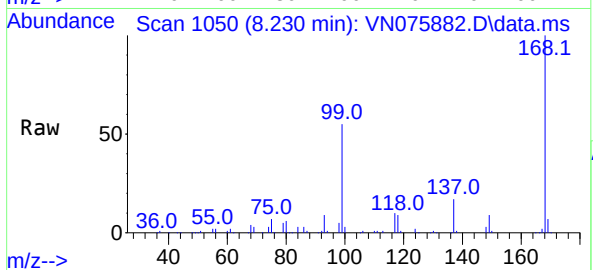




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

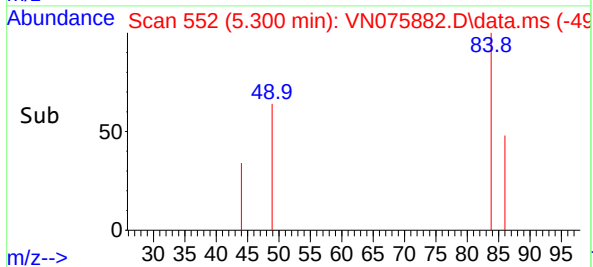
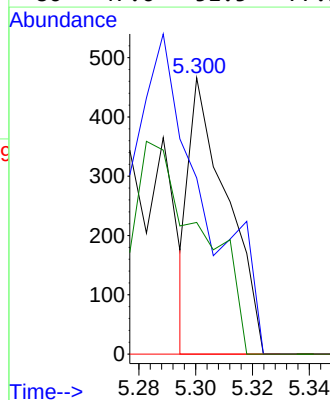
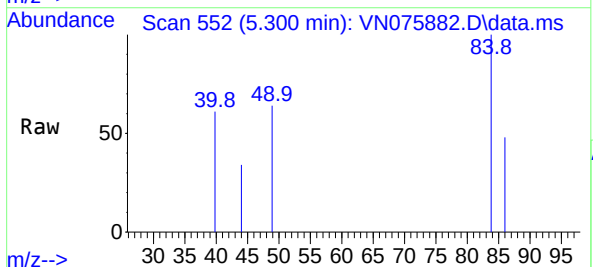
Instrument :
MSVOA_N
ClientSampleId :

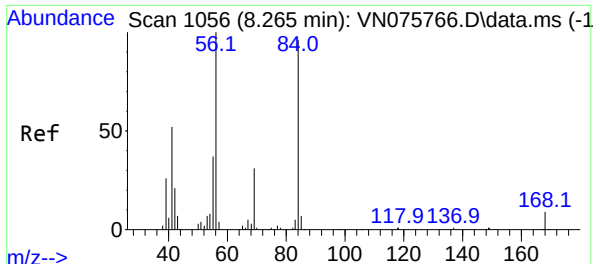
Tgt Ion:168 Resp: 395026
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 552
Delta R.T. 0.011 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

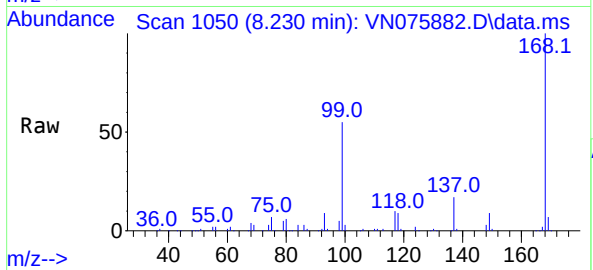
Tgt Ion: 84 Resp: 427
Ion Ratio Lower Upper
84 100
49 63.7 81.8 122.6#
51 0.0 26.7 40.1#
86 47.6 51.5 77.3#



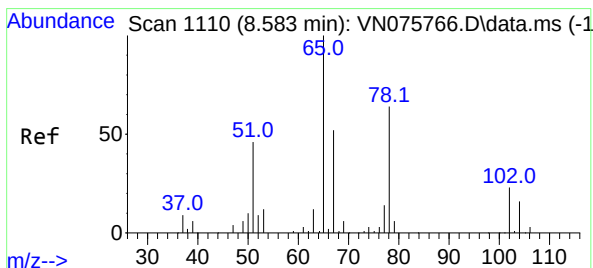
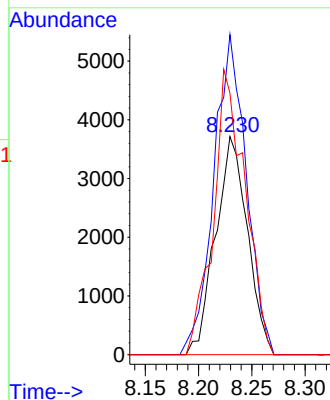
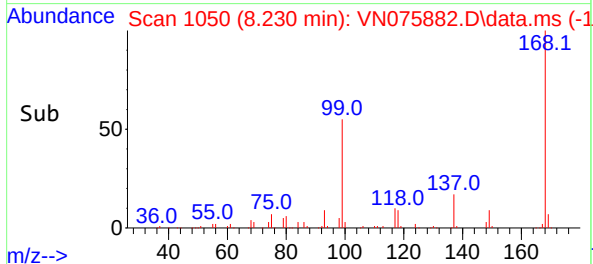


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

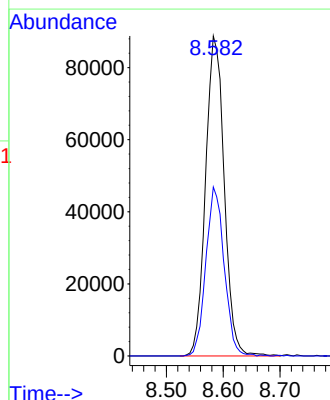
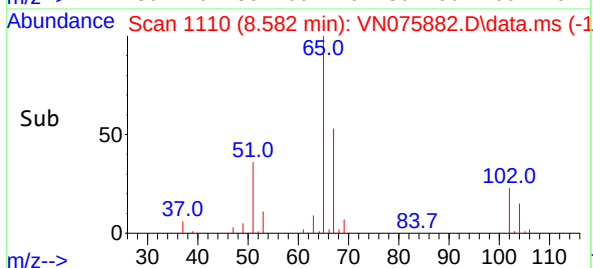
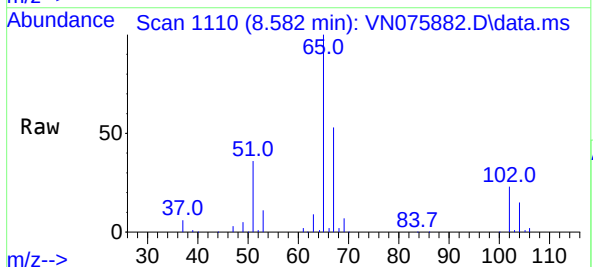


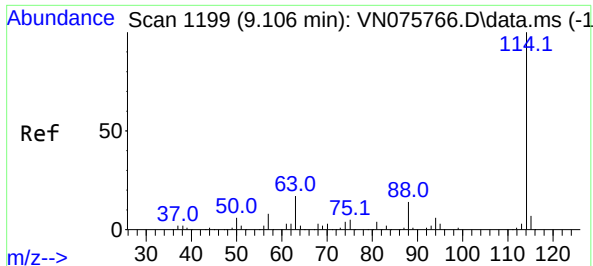
Tgt Ion: 56 Resp: 7755
Ion Ratio Lower Upper
56 100
69 146.8 24.7 37.1#
84 119.9 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.986 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

Tgt Ion: 65 Resp: 201923
Ion Ratio Lower Upper
65 100
67 51.7 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: VN075882.D

Acq: 19 Dec 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

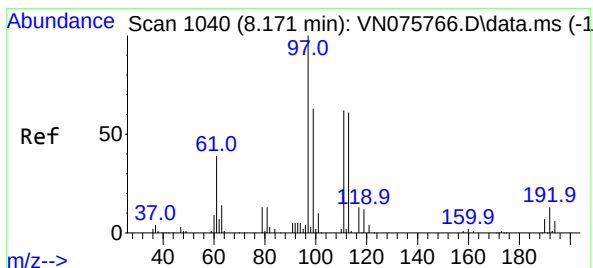
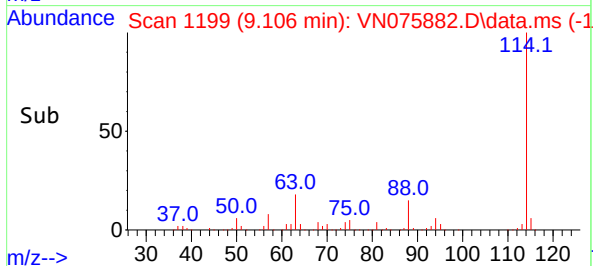
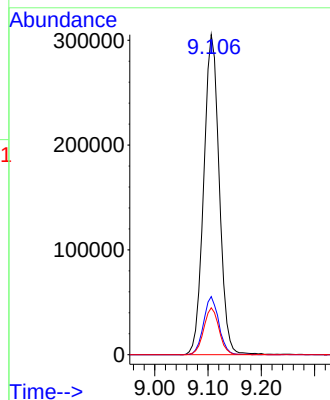
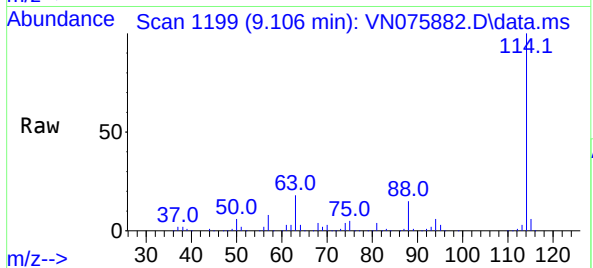
Tgt Ion:114 Resp: 617160

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.666 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075882.D

Acq: 19 Dec 2022 19:34

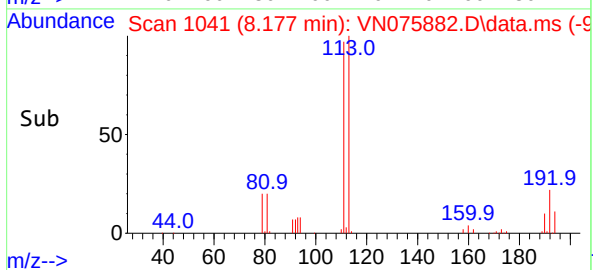
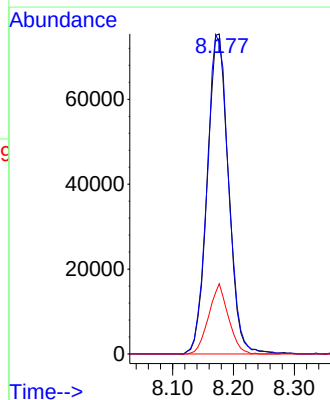
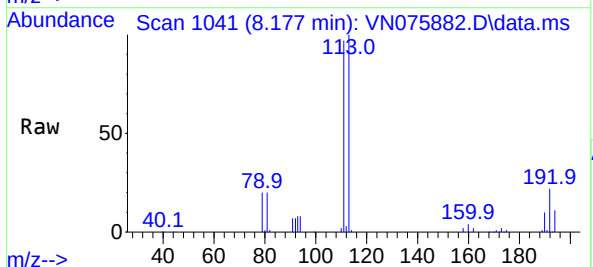
Tgt Ion:113 Resp: 182180

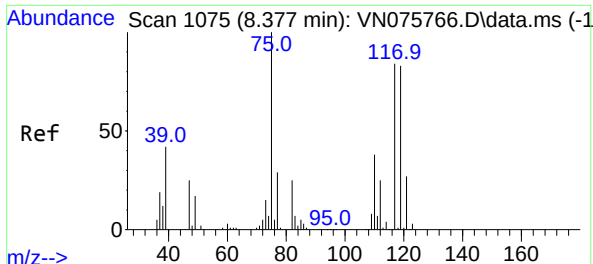
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

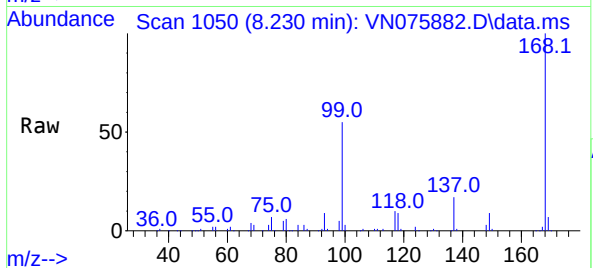
192 20.4 16.1 24.1



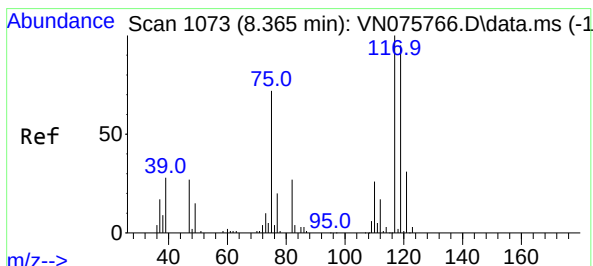
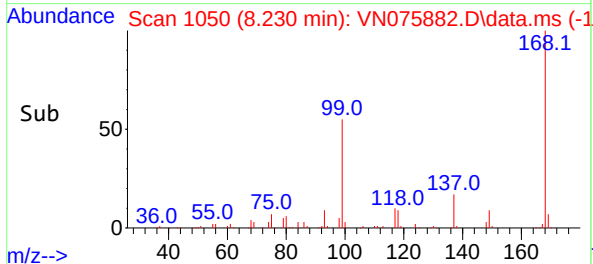
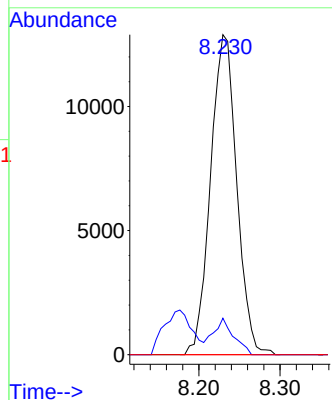


#36
1,1-Dichloropropene
Concen: 5.697 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

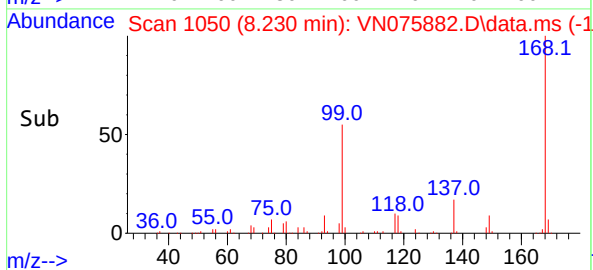
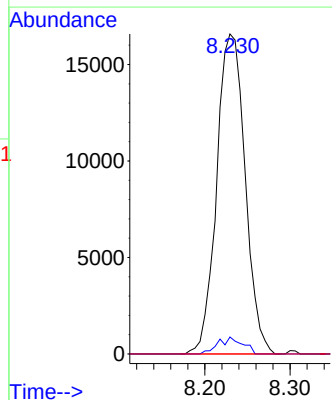
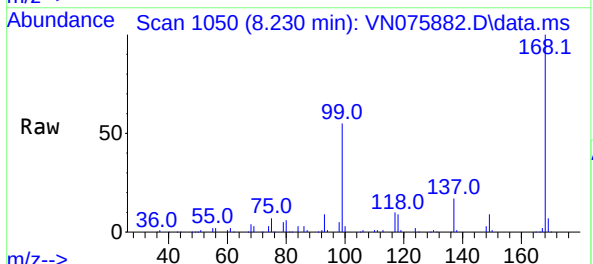


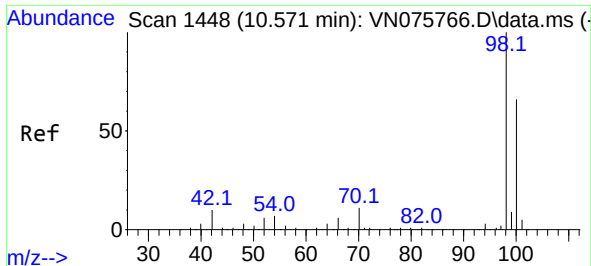
Tgt Ion: 75 Resp: 28925
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

Tgt Ion: 117 Resp: 38493
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.5 36.7#

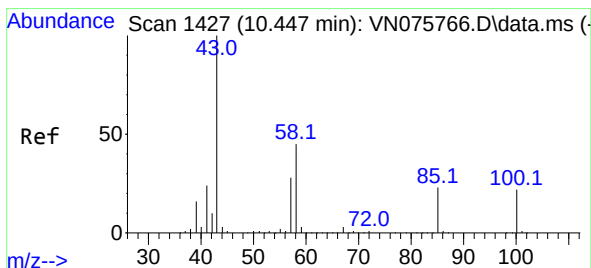
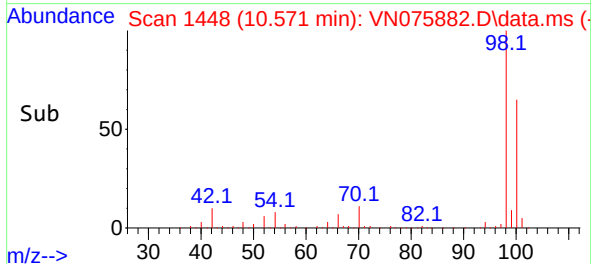
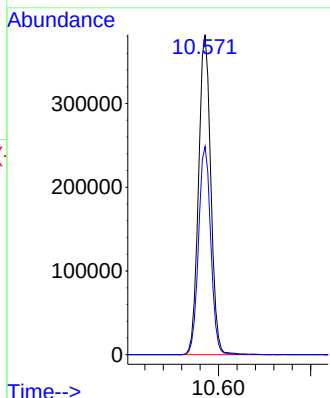
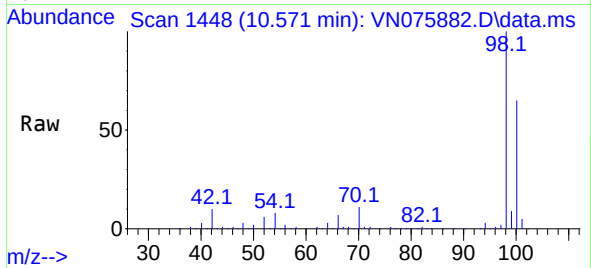




#50
Toluene-d8
Concen: 49.489 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

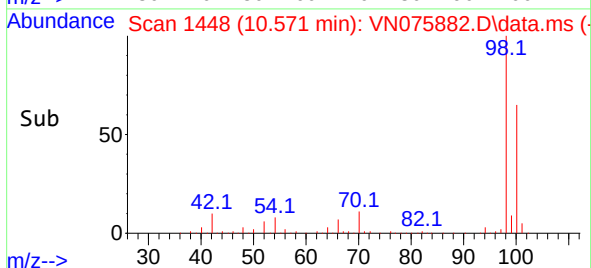
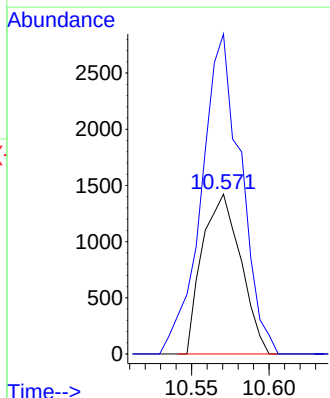
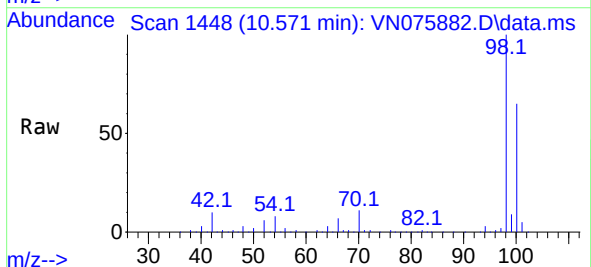
Instrument :
MSVOA_N
ClientSampleId :

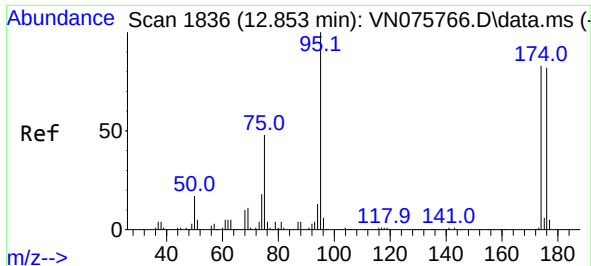
Tgt Ion: 98 Resp: 707192
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

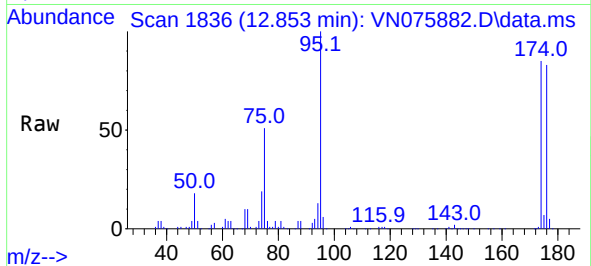
Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
58 204.9 35.5 53.3#



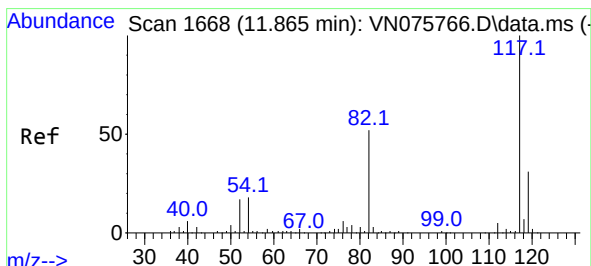
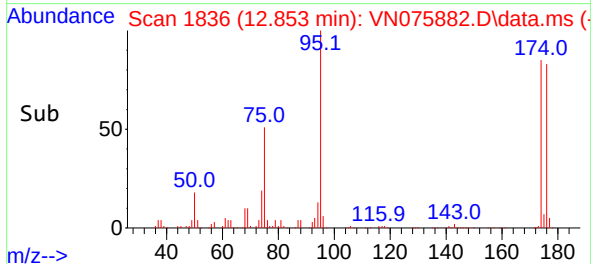
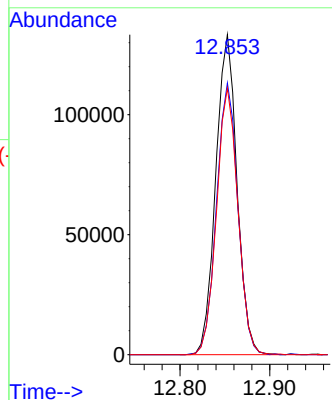


#62
4-Bromofluorobenzene
Concen: 46.247 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

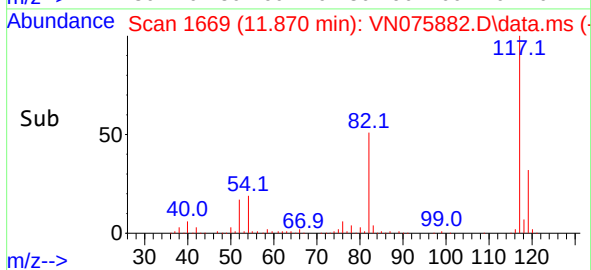
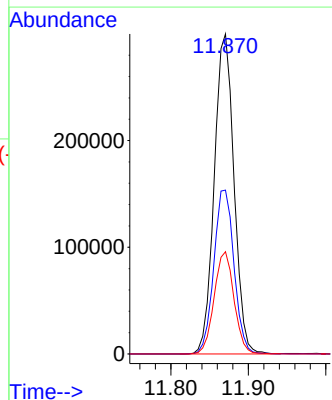
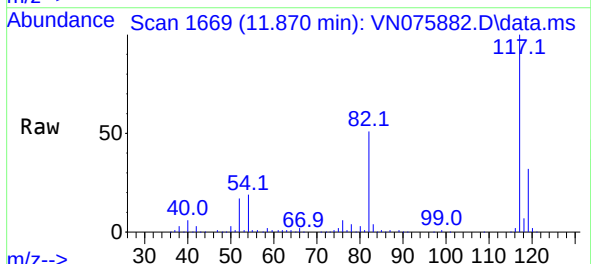


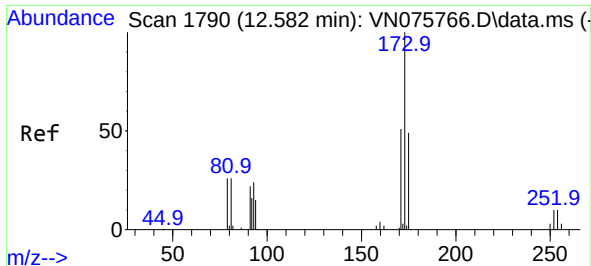
Tgt Ion: 95 Resp: 218885
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 83.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

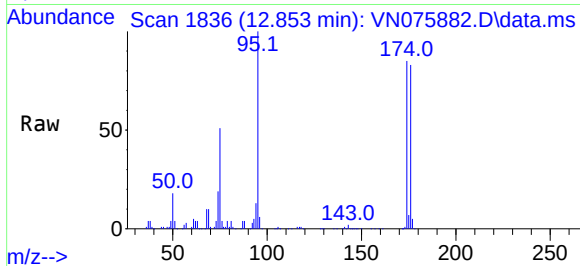
Tgt Ion: 117 Resp: 530264
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.9 24.6 37.0



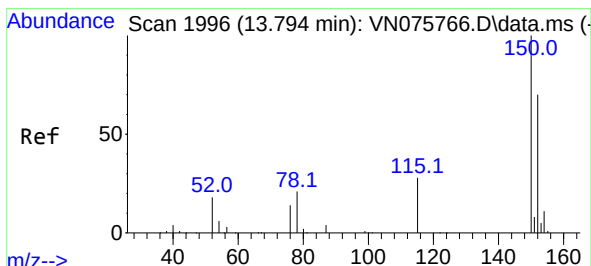
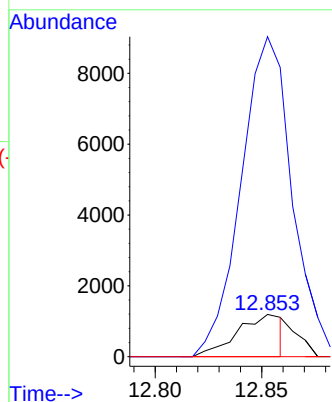
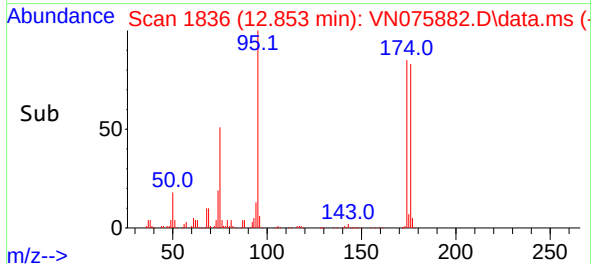


#71
Bromoform
Concen: 0.603 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

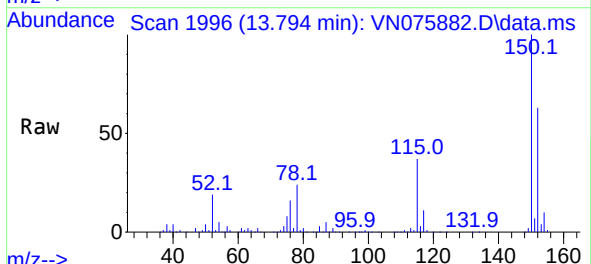
Instrument :
MSVOA_N
ClientSampleId :



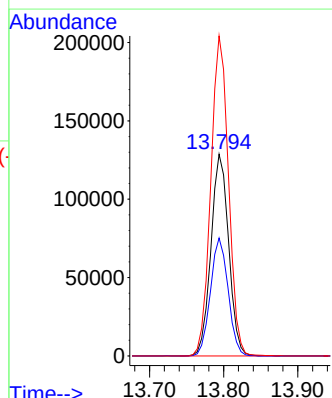
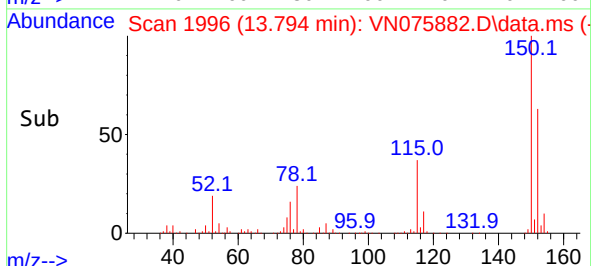
Tgt Ion:173 Resp: 1770
Ion Ratio Lower Upper
173 100
175 690.2 24.3 72.8#
254 0.0 0.0 0.0

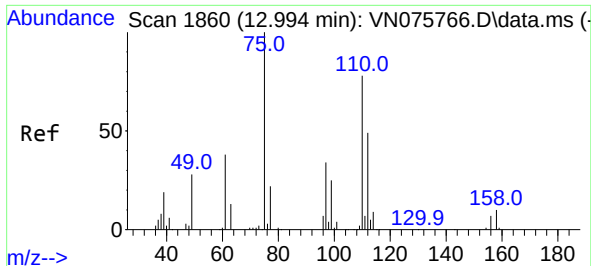


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34



Tgt Ion:152 Resp: 213667
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 158.2 0.0 347.0

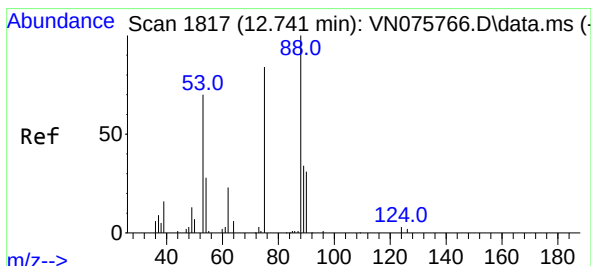
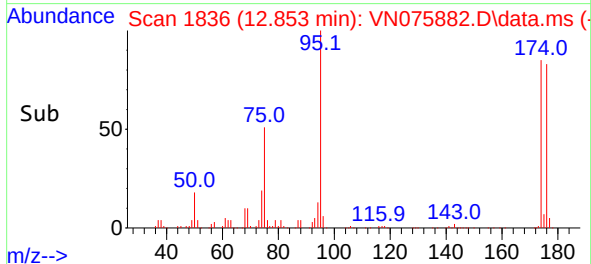
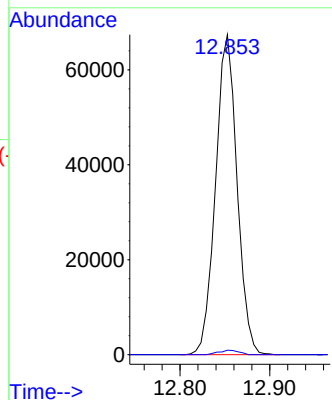
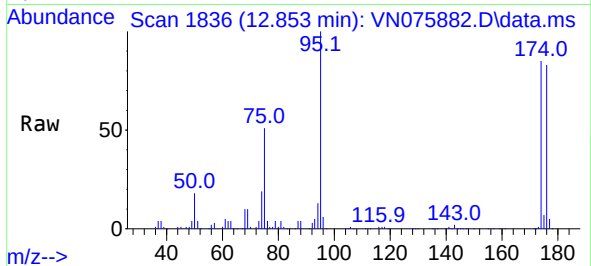




#76
1,2,3-Trichloropropane
Concen: 26.016 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

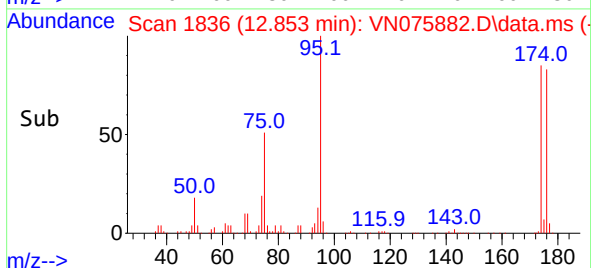
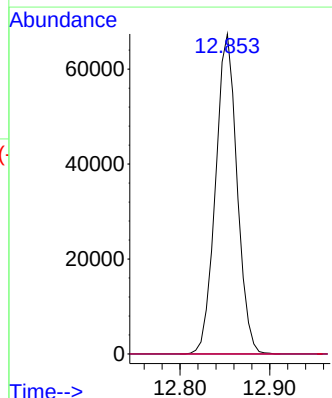
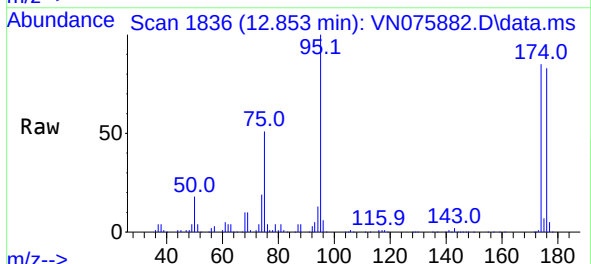
Instrument :
MSVOA_N
ClientSampleId :

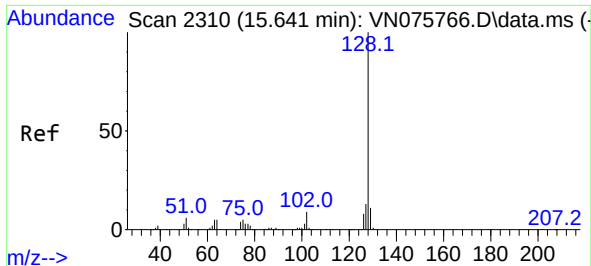
Tgt Ion: 75 Resp: 112053
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.646 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

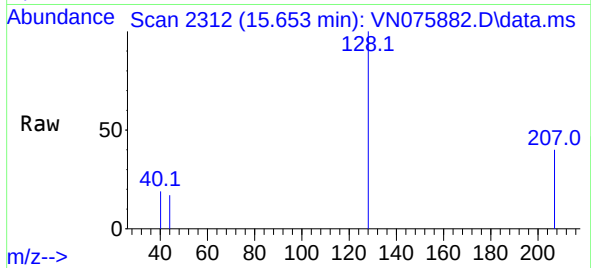
Tgt Ion: 75 Resp: 112053
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.341 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN075882.D
Acq: 19 Dec 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1991
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

