

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075985.D
 Acq On : 27 Dec 2022 13:59
 Operator : JC\MD
 Sample : N6210-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 28 04:44:58 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)

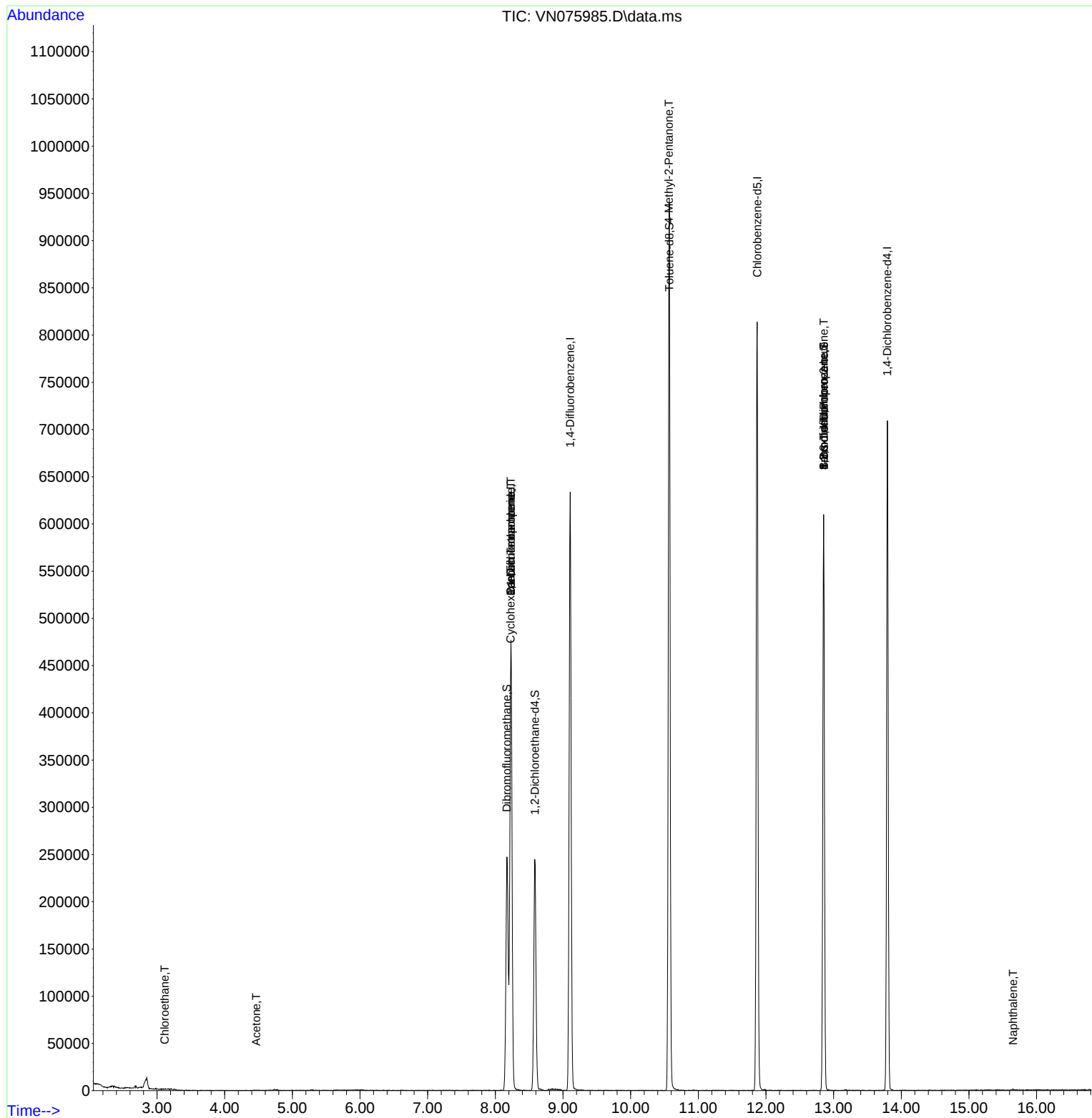
Internal Standards						
1) Pentafluorobenzene	8.230	168	375142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	502190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195543	47.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.820%
35) Dibromofluoromethane	8.171	113	175553	48.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	10.571	98	670058	49.501	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.853	95	205379	45.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
6) Chloroethane	3.112	64	736	0.252	ug/l #	44
16) Acetone	4.465	43	413	0.294	ug/l #	39
20) Methylene Chloride	5.289	84	193	Below Cal	#	24
31) Cyclohexane	8.224	56	7074	1.210	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	25493	5.301	ug/l #	49
38) Carbon Tetrachloride	8.230	117	36164	6.719	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2225	0.577	ug/l #	1
71) Bromoform	12.853	173	1754	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	102578	25.701	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102578	92.510	ug/l #	12
95) Naphthalene	15.653	128	1381	2.300	ug/l #	69

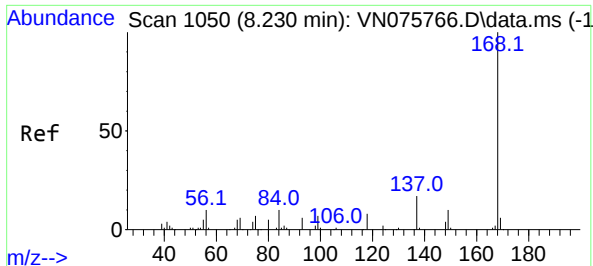
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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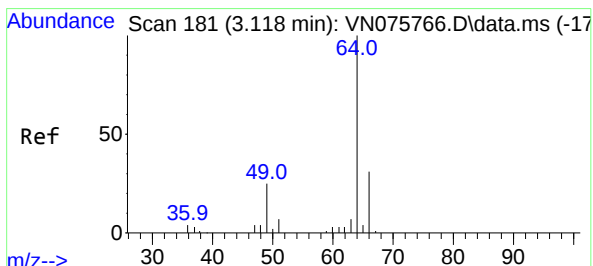
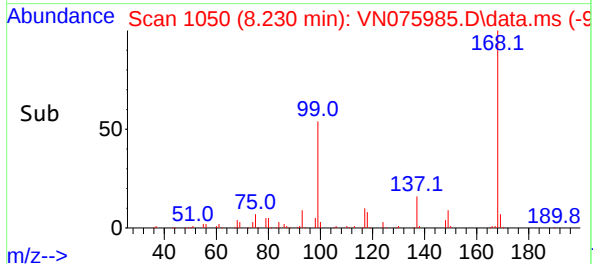
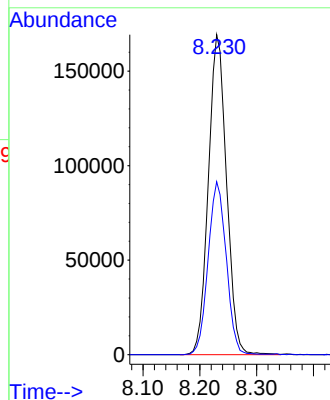
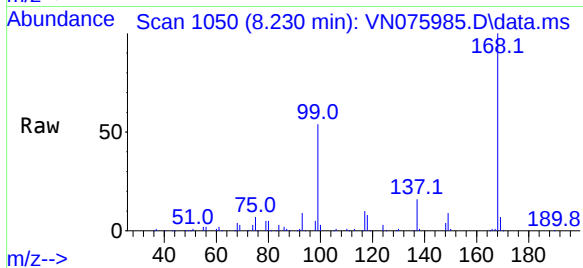




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

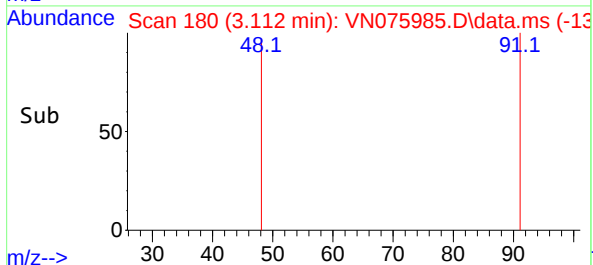
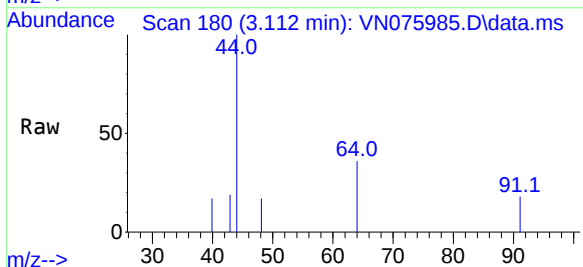
Instrument :
MSVOA_N
ClientSampleId :
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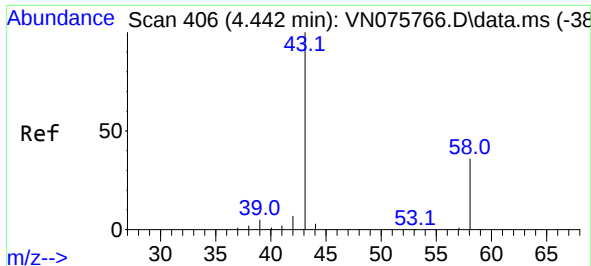
Tgt Ion:168 Resp: 375142
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#6
Chloroethane
Concen: 0.252 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion: 64 Resp: 736
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

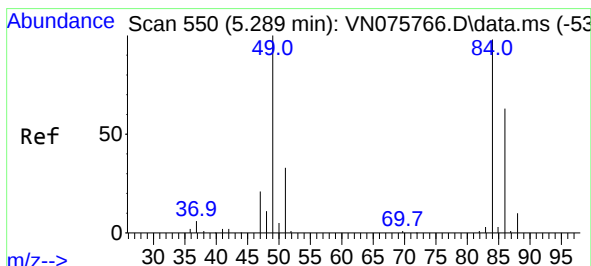
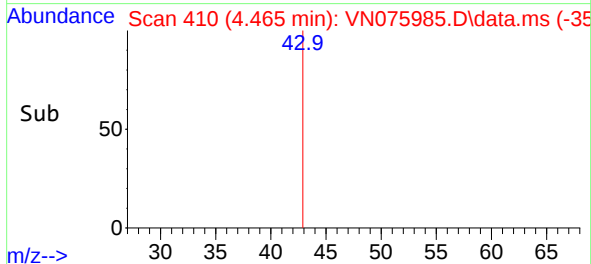
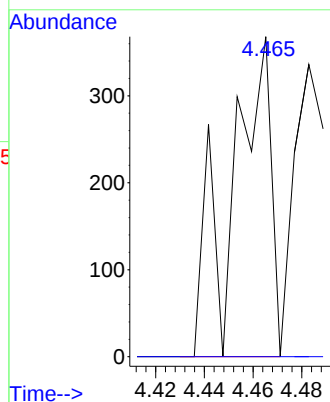
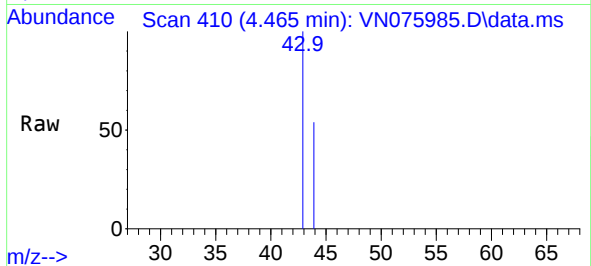




#16
Acetone
Concen: 0.294 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

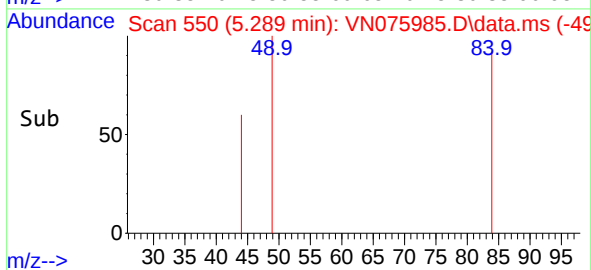
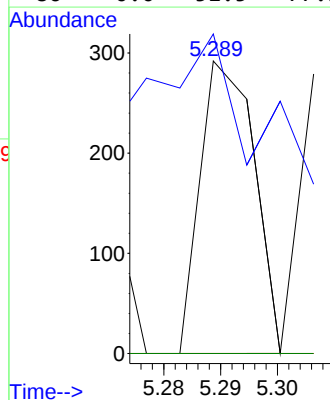
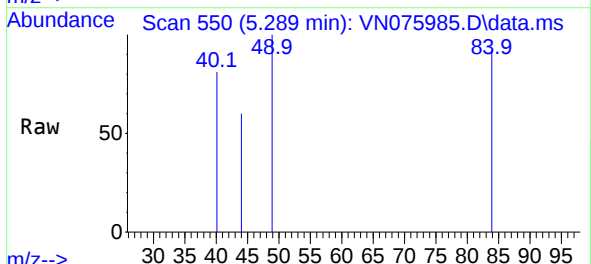
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

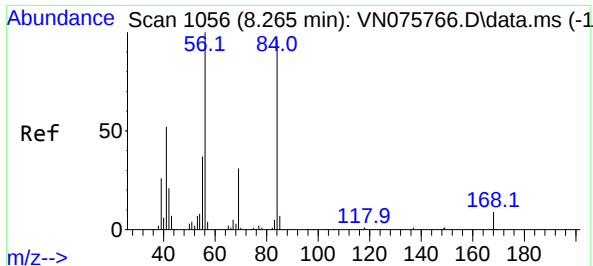
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion: 84 Resp: 193
Ion Ratio Lower Upper
84 100
49 22.9 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#

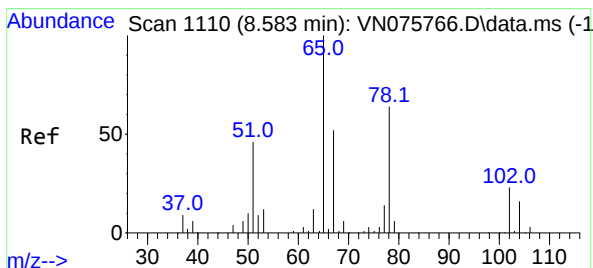
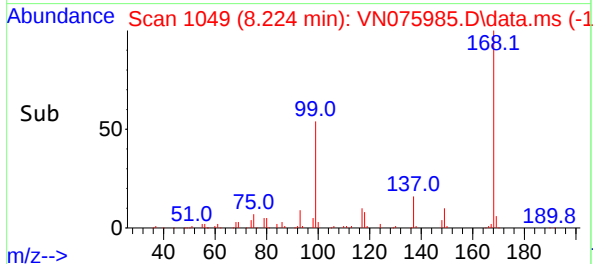
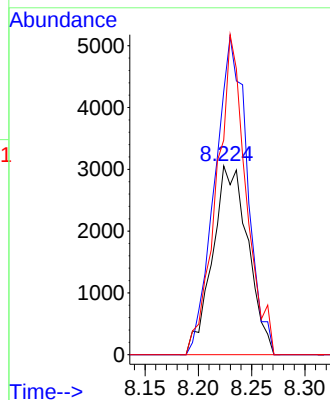
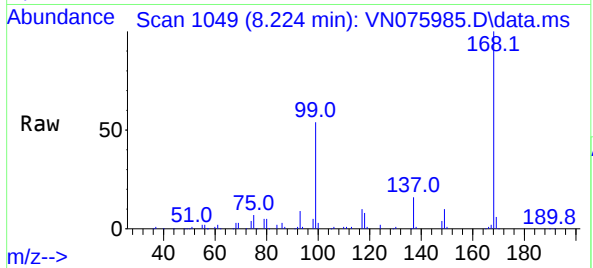




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

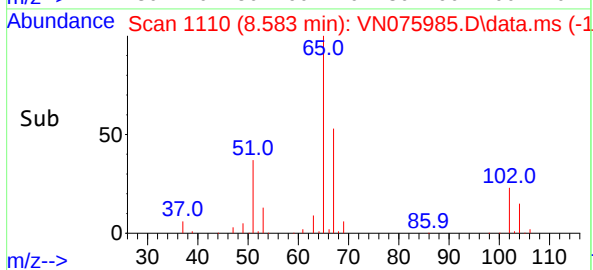
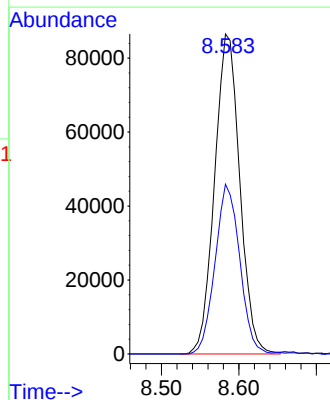
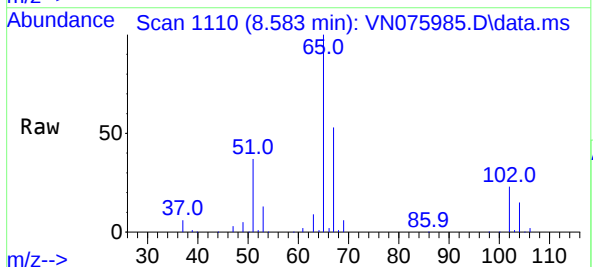
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

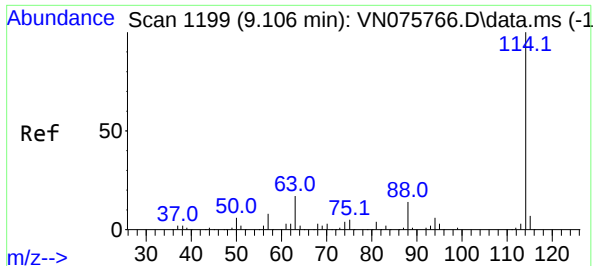
Tgt Ion: 56 Resp: 7074
Ion Ratio Lower Upper
56 100
69 139.3 24.7 37.1#
84 113.6 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 47.913 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion: 65 Resp: 195543
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

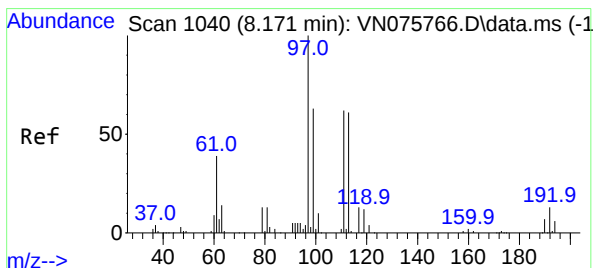
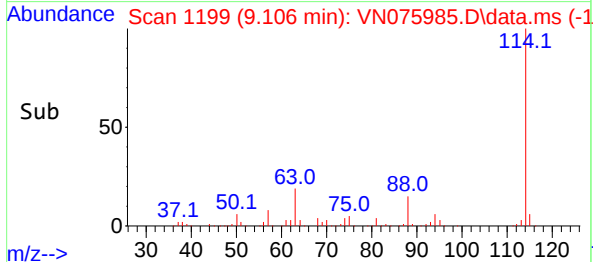
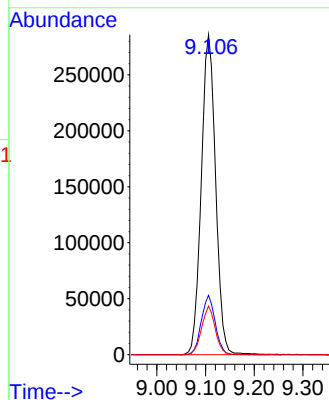
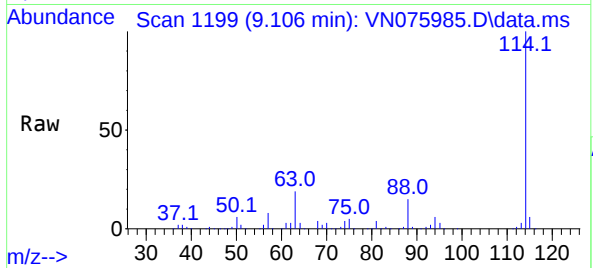




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

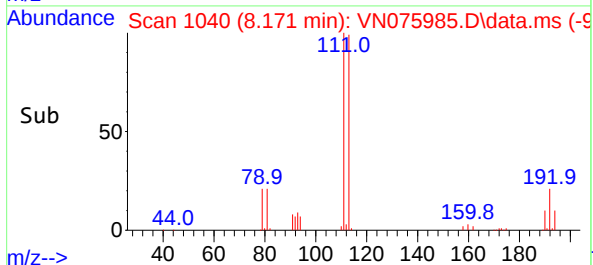
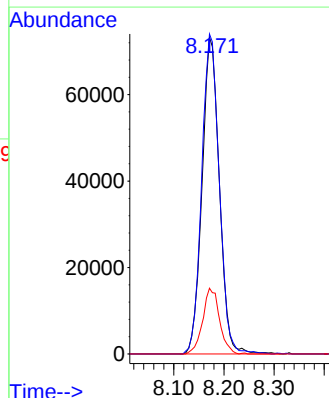
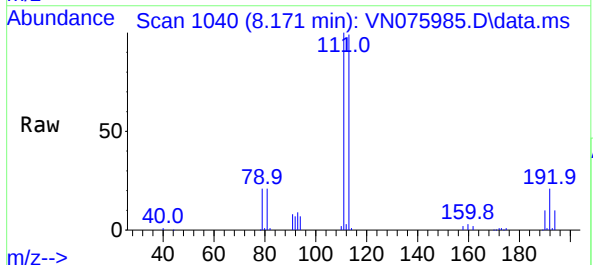
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

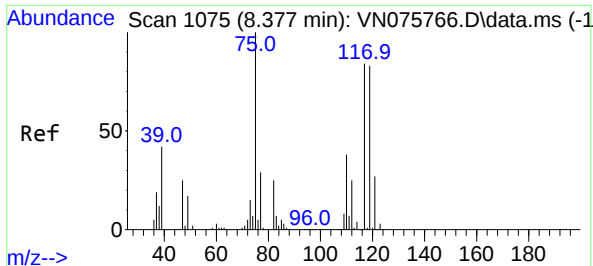
Tgt Ion:114 Resp: 584604
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.4
88 15.2 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.490 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion:113 Resp: 175553
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 20.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.301 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075985.D

Acq: 27 Dec 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

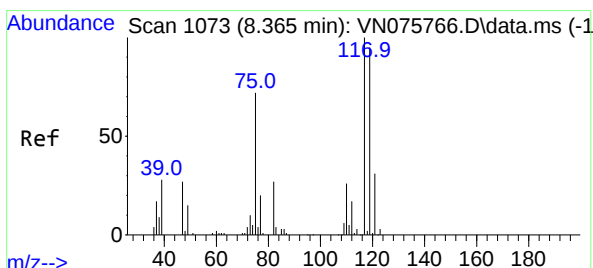
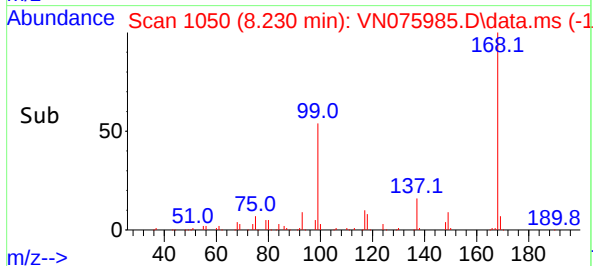
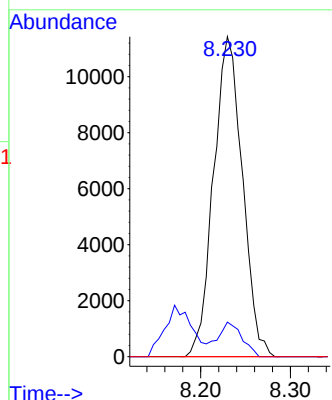
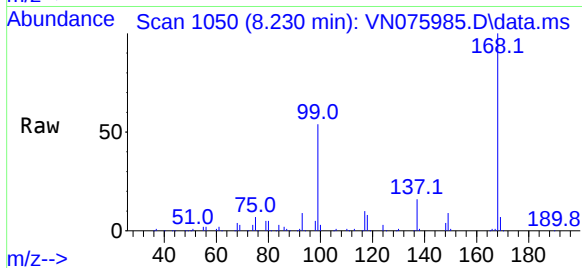
Tgt Ion: 75 Resp: 25493

Ion Ratio Lower Upper

75 100

110 9.1 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075985.D

Acq: 27 Dec 2022 13:59

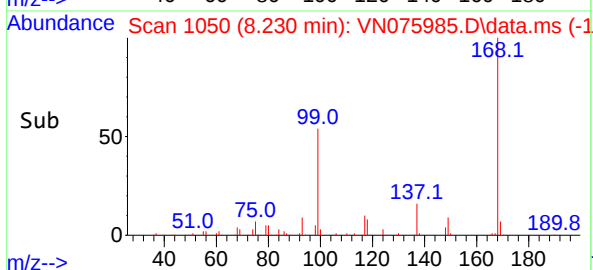
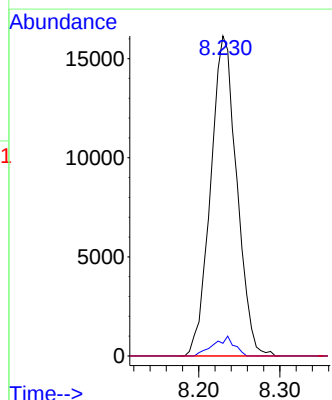
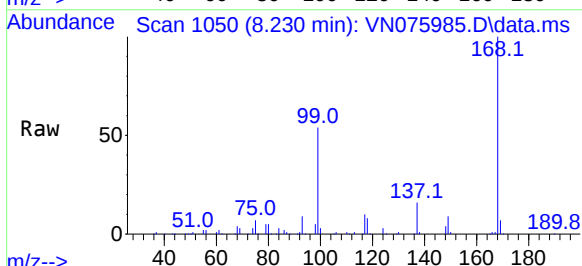
Tgt Ion: 117 Resp: 36164

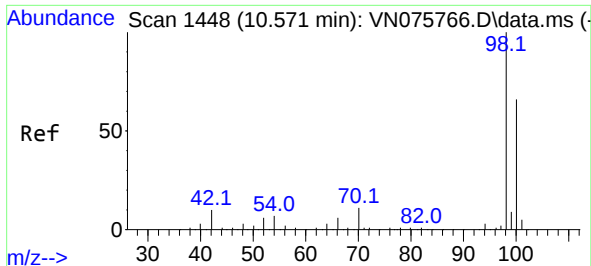
Ion Ratio Lower Upper

117 100

119 3.9 76.1 114.1#

121 0.0 24.5 36.7#

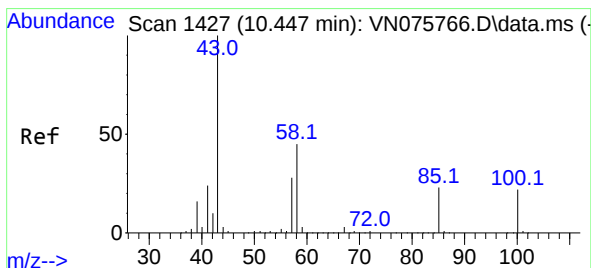
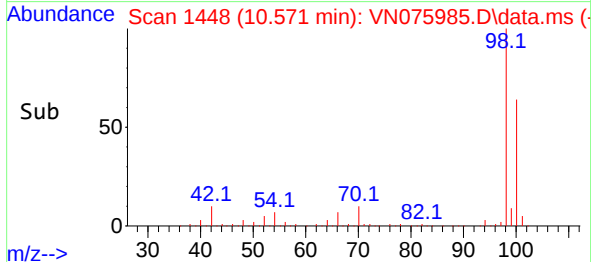
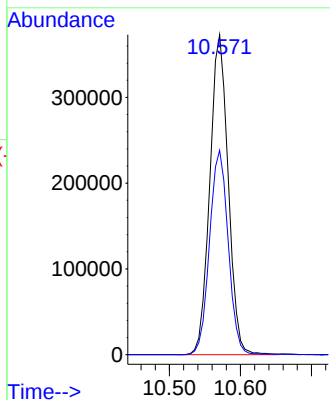
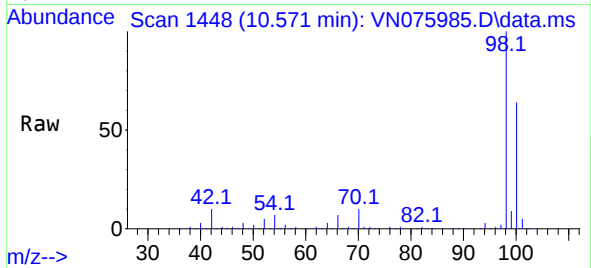




#50
Toluene-d8
Concen: 49.501 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

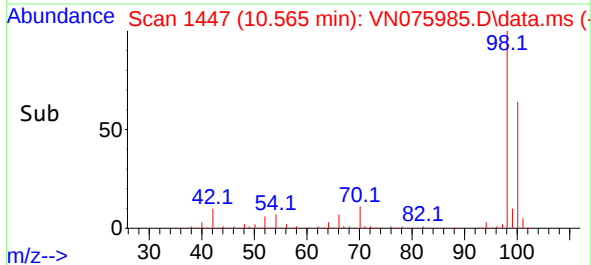
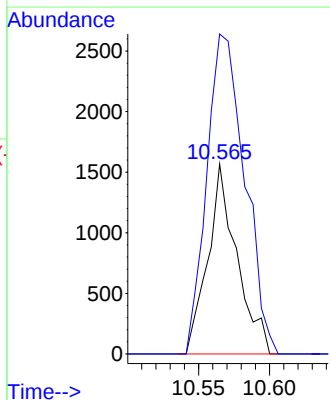
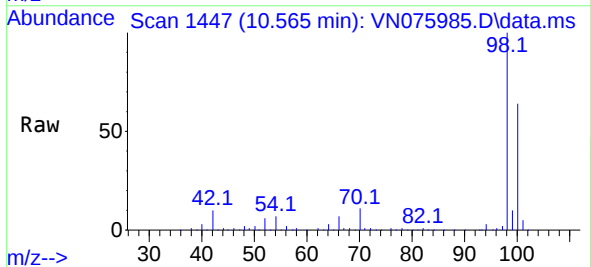
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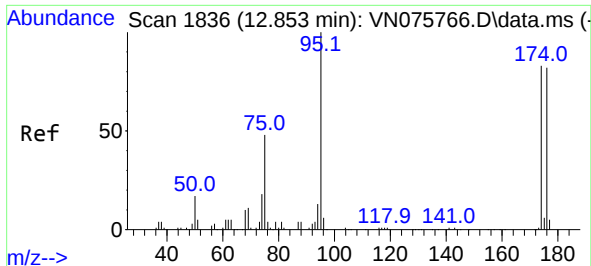
Tgt Ion: 98 Resp: 670058
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 220.9 35.5 53.3#

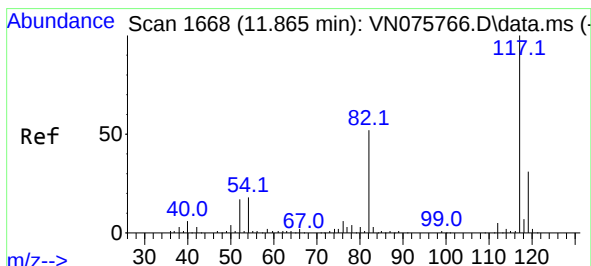
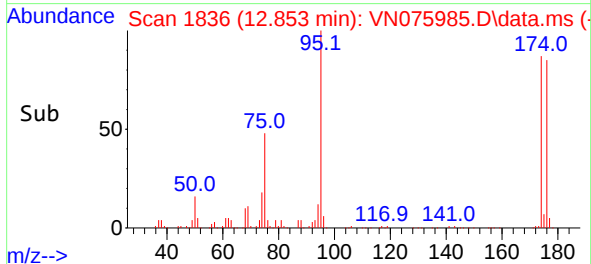
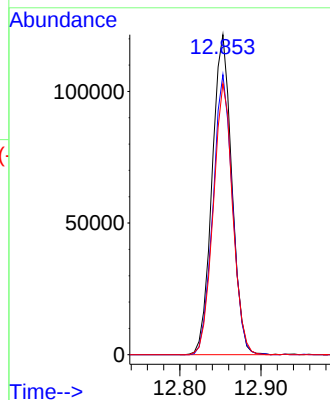
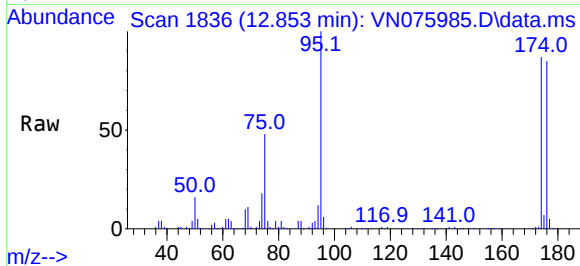




#62
4-Bromofluorobenzene
Concen: 45.810 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

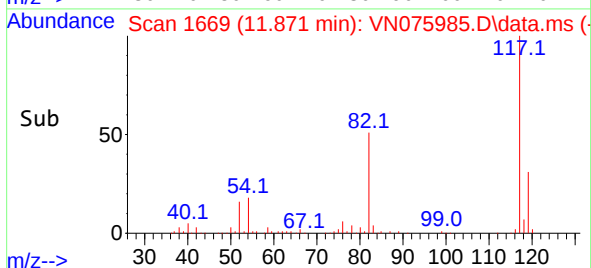
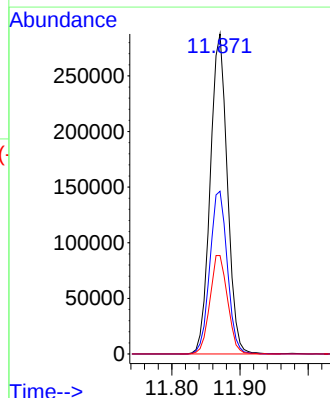
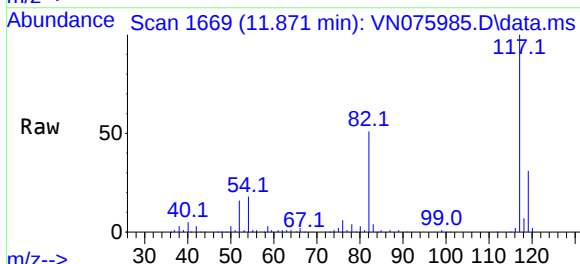
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

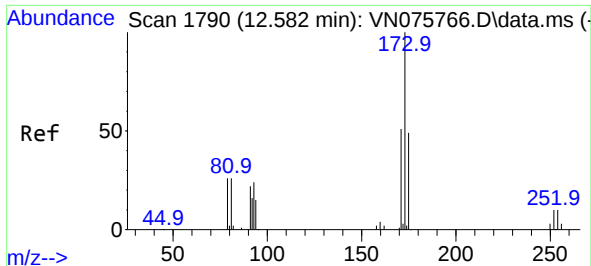
Tgt Ion: 95 Resp: 205379
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 83.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion: 117 Resp: 502190
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 30.8 24.6 37.0

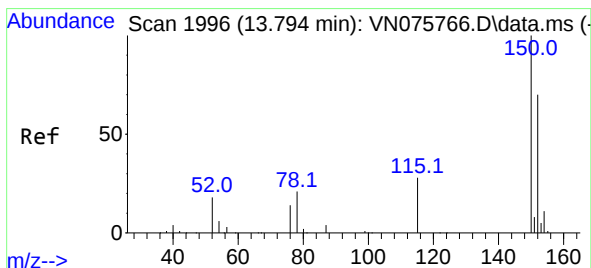
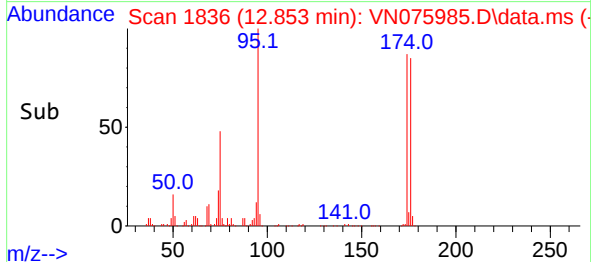
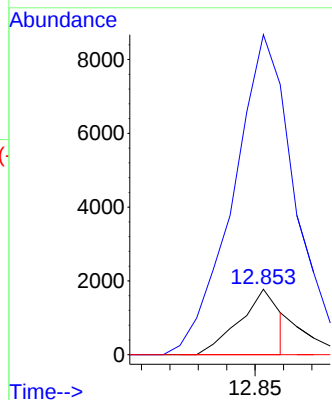
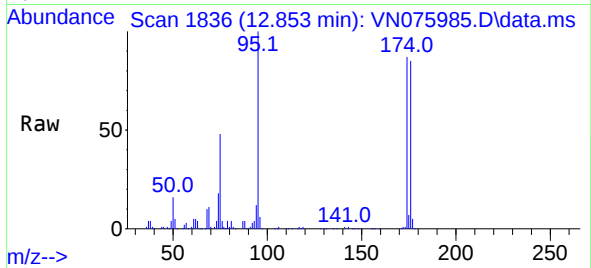




#71
Bromoform
Concen: 0.631 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

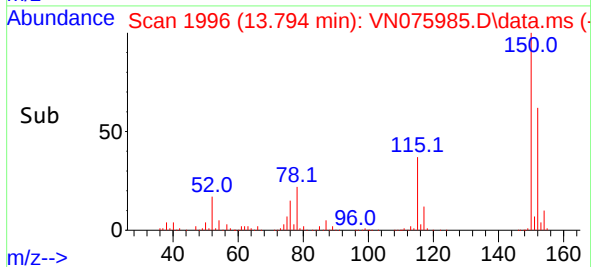
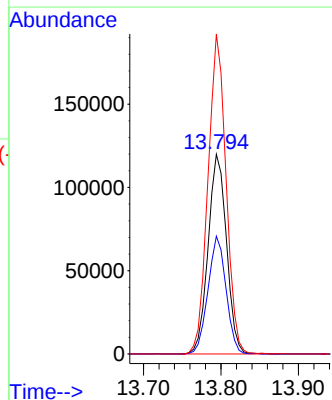
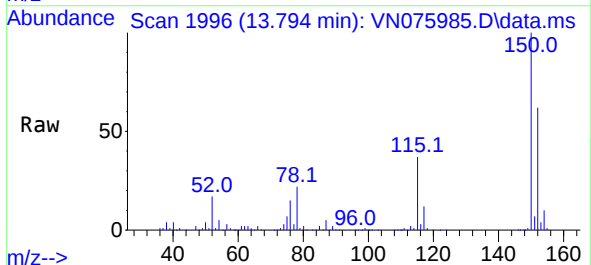
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

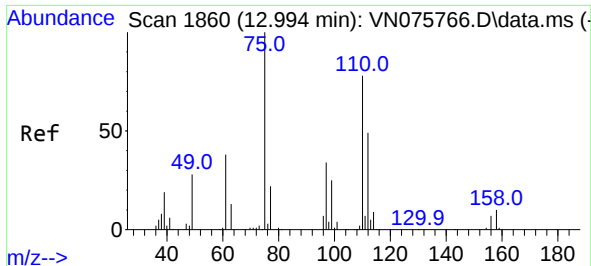
Tgt Ion:173 Resp: 1754
Ion Ratio Lower Upper
173 100
175 601.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Tgt Ion:152 Resp: 198001
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 156.9 0.0 347.0

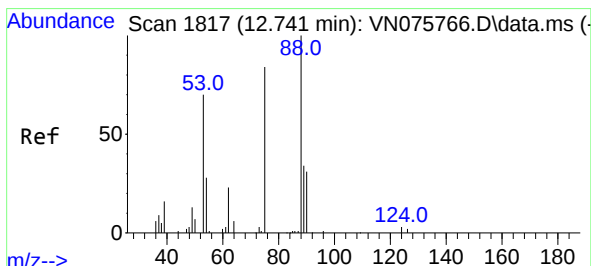
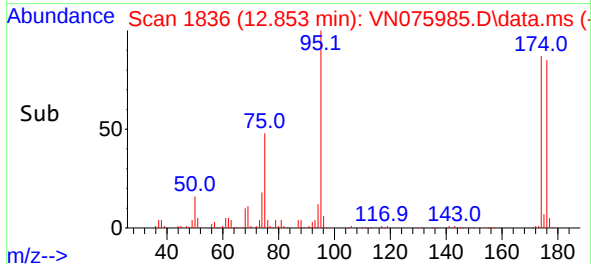
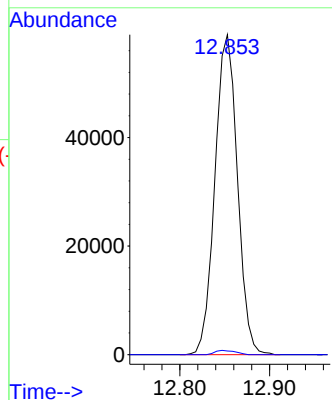
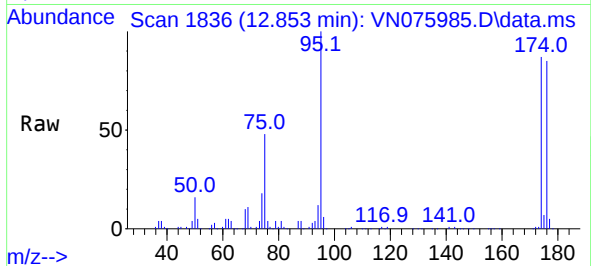




#76
1,2,3-Trichloropropane
Concen: 25.701 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

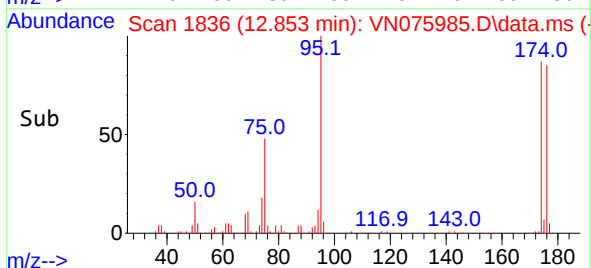
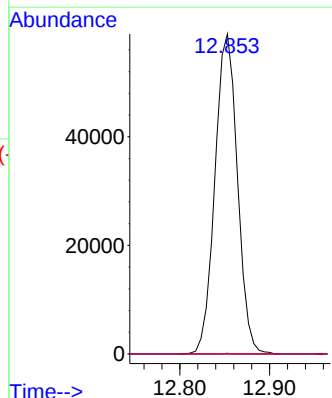
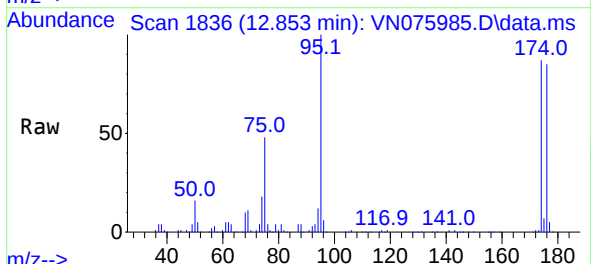
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

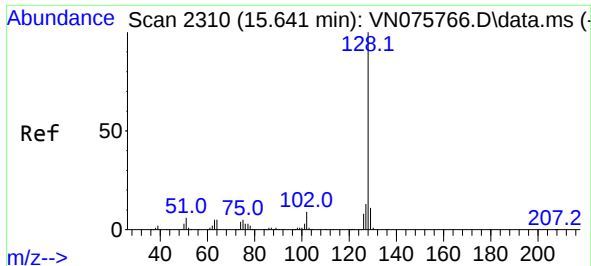
Tgt Ion: 75 Resp: 102578
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.510 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

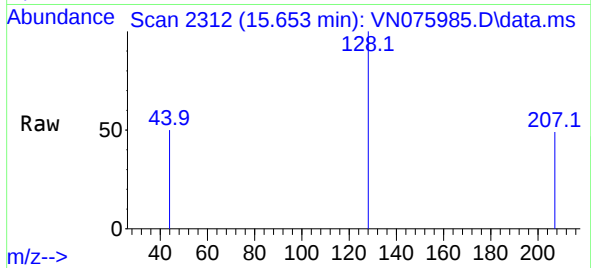
Tgt Ion: 75 Resp: 102578
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
Naphthalene
Concen: 2.300 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN075985.D
Acq: 27 Dec 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



Tgt Ion:128 Resp: 1381
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

