

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075984.D
 Acq On : 27 Dec 2022 13:35
 Operator : JC\MD
 Sample : N6210-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 28 04:44:50 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)

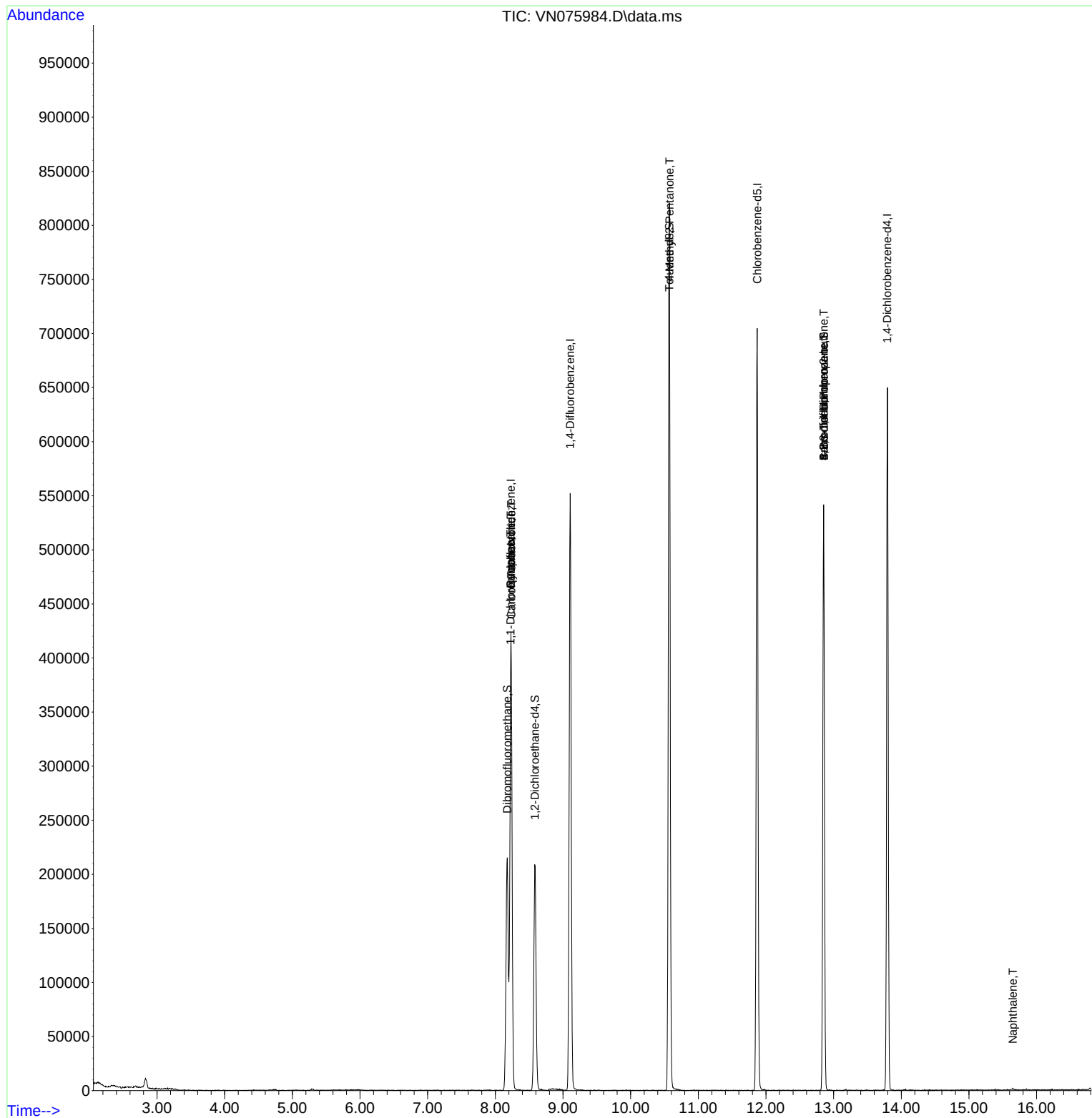
Internal Standards						
1) Pentafluorobenzene	8.229	168	324901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	441674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168455	47.659	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.320%
35) Dibromofluoromethane	8.177	113	153501	48.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.570	98	588956	50.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.853	95	179877	46.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.294	84	1230	Below Cal	#	58
31) Cyclohexane	8.229	56	5924	1.170	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	22952	5.495	ug/l #	48
38) Carbon Tetrachloride	8.235	117	32773	7.011	ug/l #	16
51) 4-Methyl-2-Pentanone	10.576	43	2165	0.647	ug/l #	1
71) Bromoform	12.853	173	1379	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	90176	24.124	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90176	86.836	ug/l #	12
95) Naphthalene	15.647	128	1826	2.351	ug/l #	77

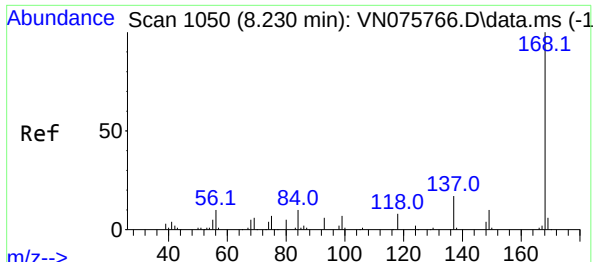
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN075984.D

Acq: 27 Dec 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

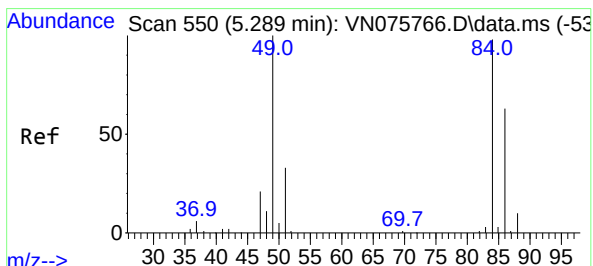
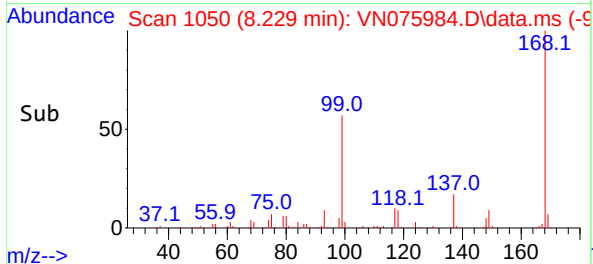
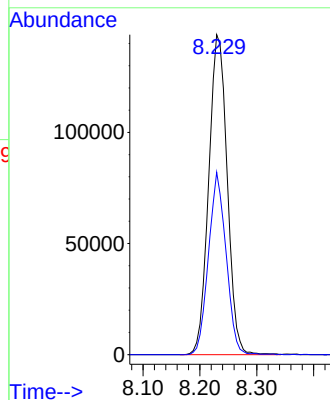
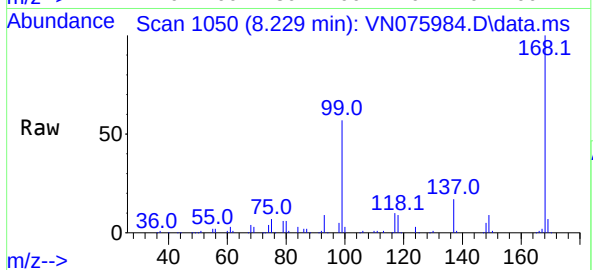
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 324901

Ion Ratio Lower Upper

168 100

99 57.0 44.2 66.4



#20

Methylene Chloride

Concen: Below Cal

RT: 5.294 min Scan# 551

Delta R.T. 0.005 min

Lab File: VN075984.D

Acq: 27 Dec 2022 13:35

Tgt Ion: 84 Resp: 1230

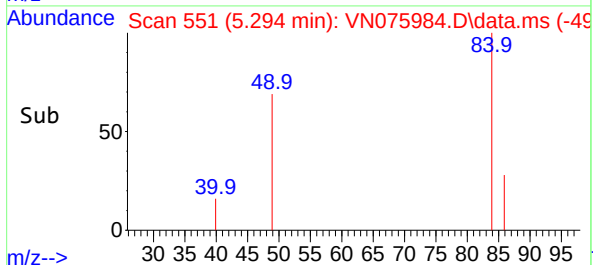
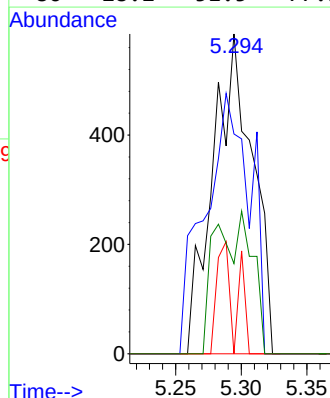
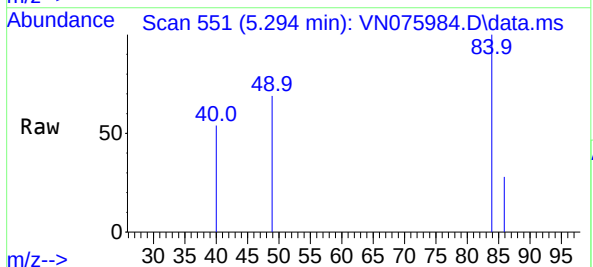
Ion Ratio Lower Upper

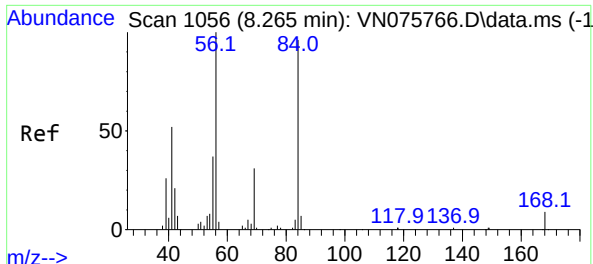
84 100

49 68.7 81.8 122.6#

51 0.0 26.7 40.1#

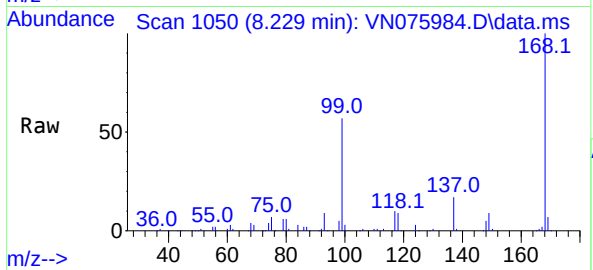
86 28.2 51.5 77.3#





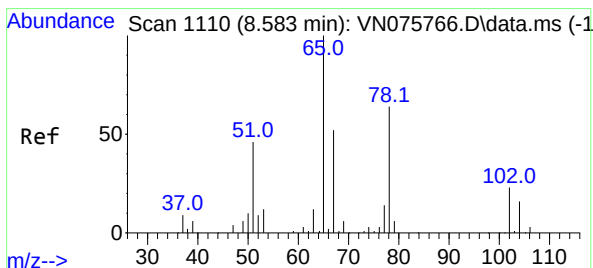
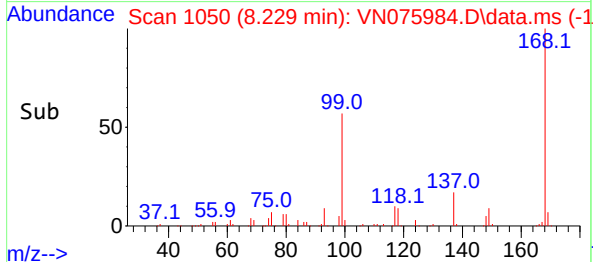
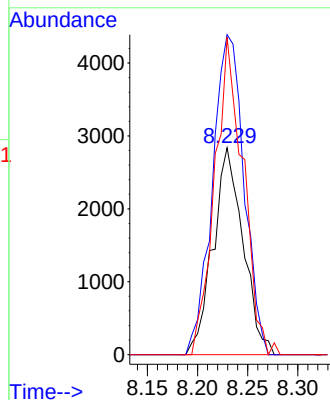
#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



Tgt Ion: 56 Resp: 5924

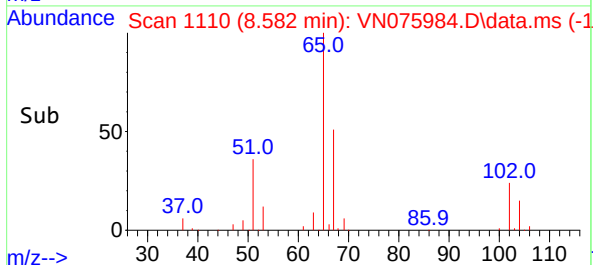
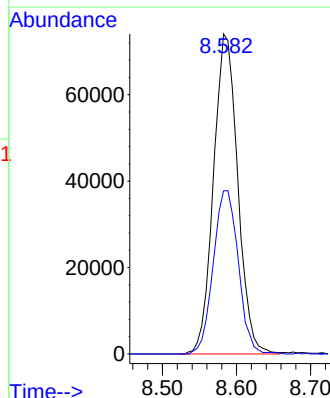
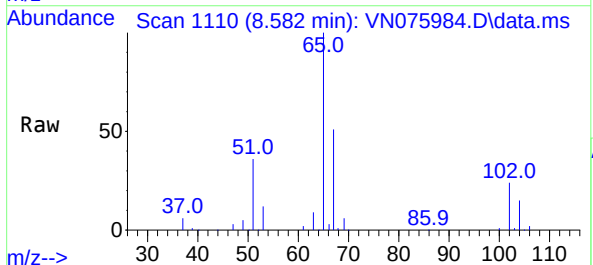
Ion	Ratio	Lower	Upper
56	100		
69	154.7	24.7	37.1#
84	153.4	76.5	114.7#

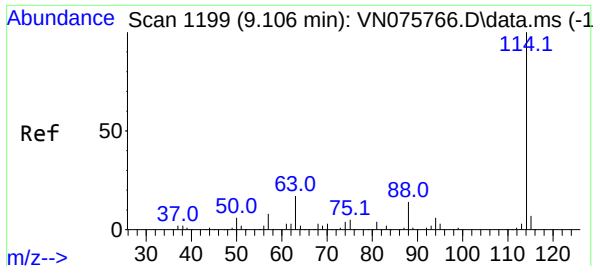


#33
1,2-Dichloroethane-d4
Concen: 47.659 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Tgt Ion: 65 Resp: 168455

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.4

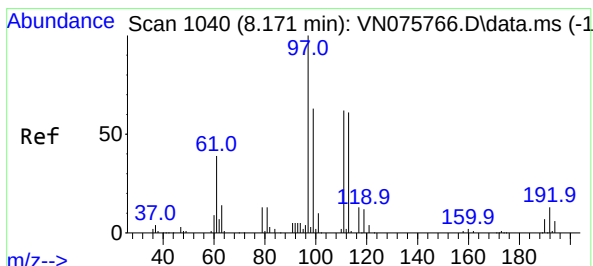
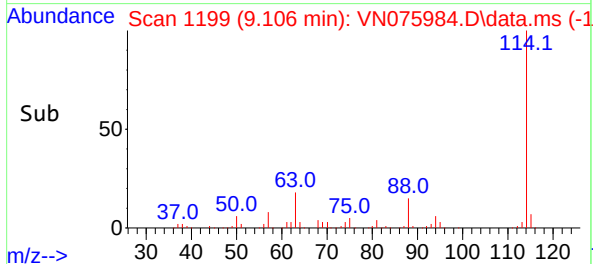
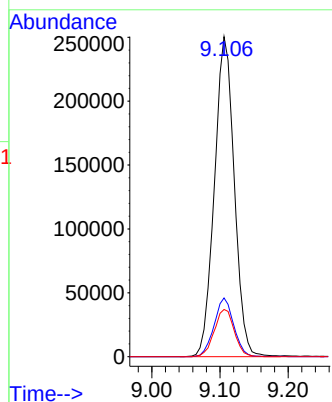
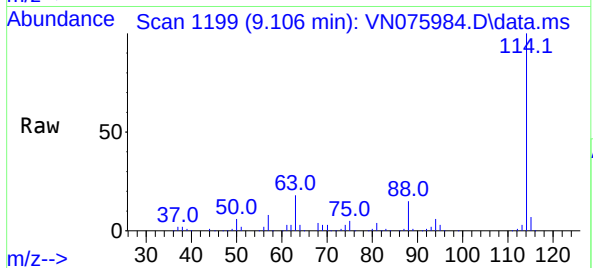




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

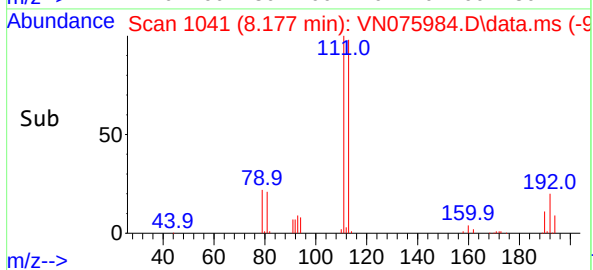
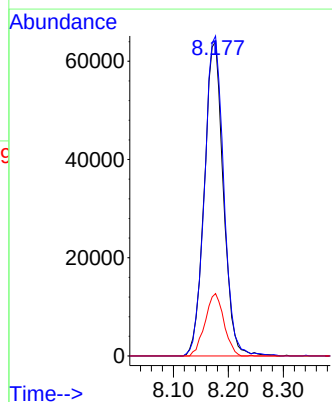
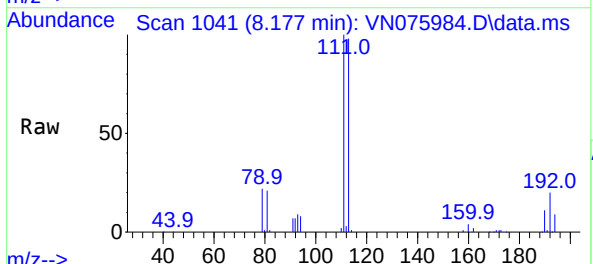
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

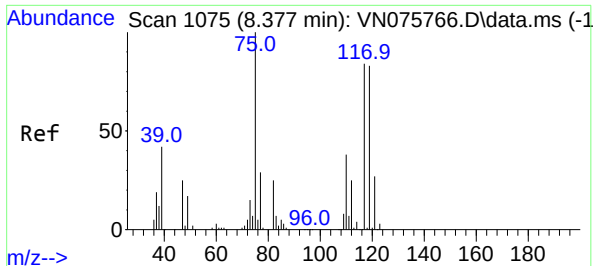
Tgt Ion:114 Resp: 507714
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.4
88 14.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.820 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Tgt Ion:113 Resp: 153501
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 19.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.495 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075984.D

Acq: 27 Dec 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

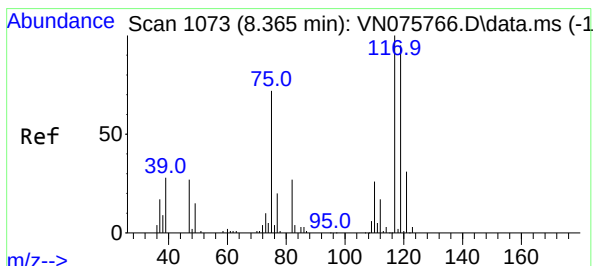
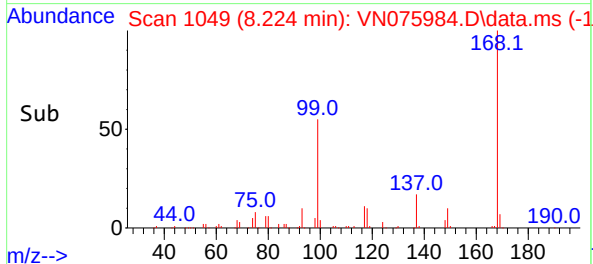
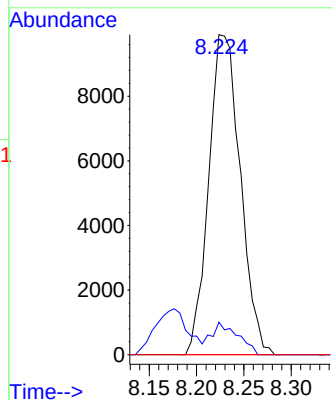
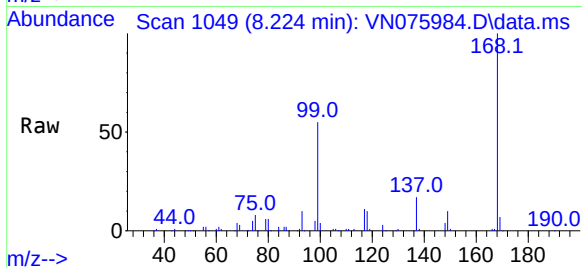
Tgt Ion: 75 Resp: 22952

Ion Ratio Lower Upper

75 100

110 8.6 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 7.011 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.130 min

Lab File: VN075984.D

Acq: 27 Dec 2022 13:35

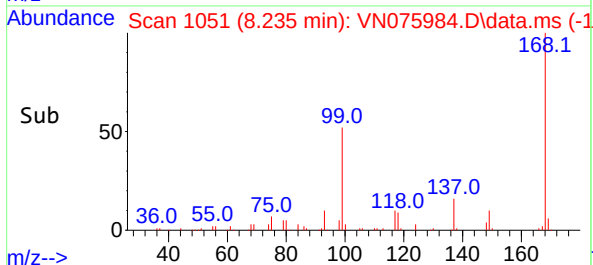
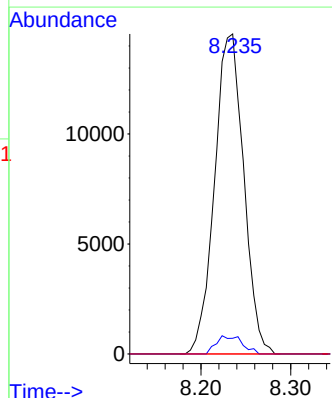
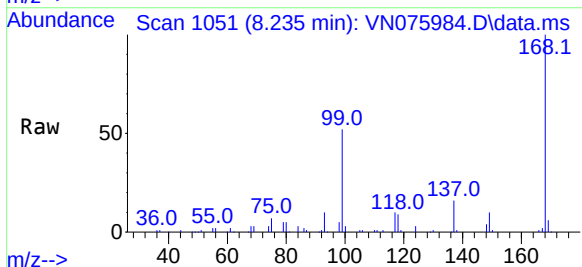
Tgt Ion: 117 Resp: 32773

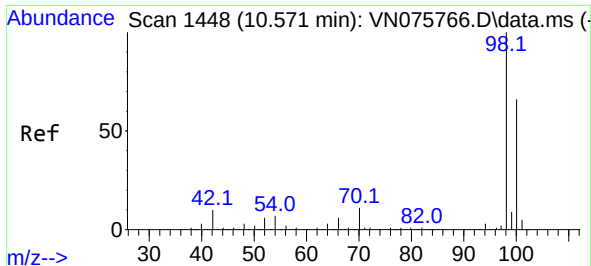
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.5 36.7#

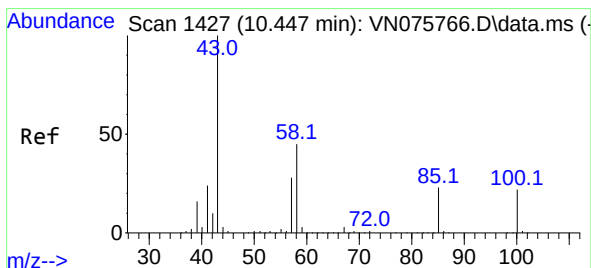
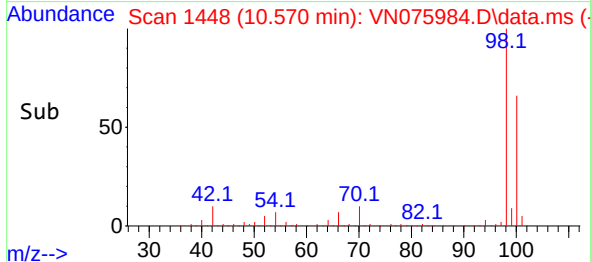
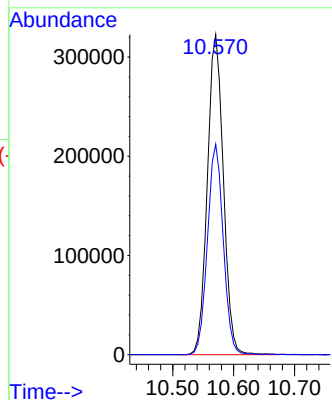
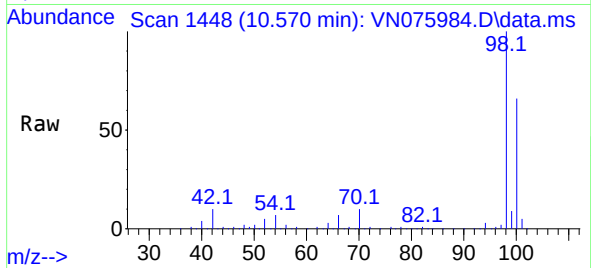




#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

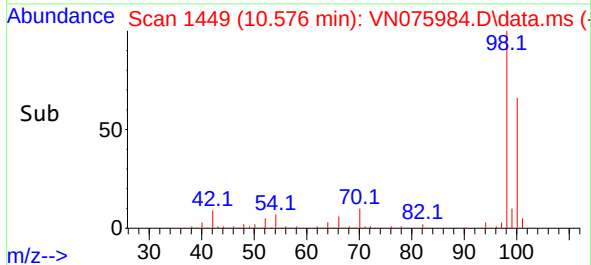
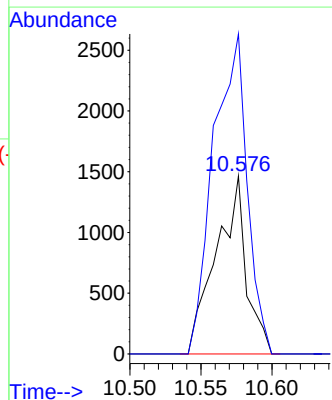
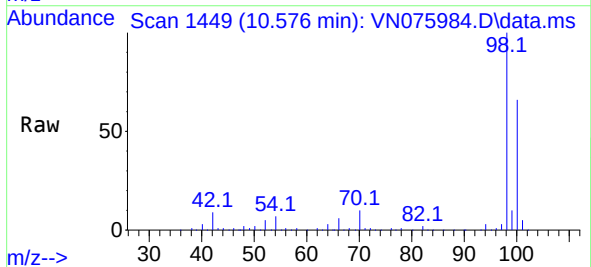
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

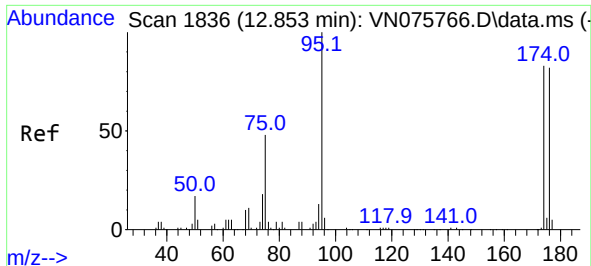
Tgt Ion: 98 Resp: 588956
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 10.576 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
58 201.2 35.5 53.3#

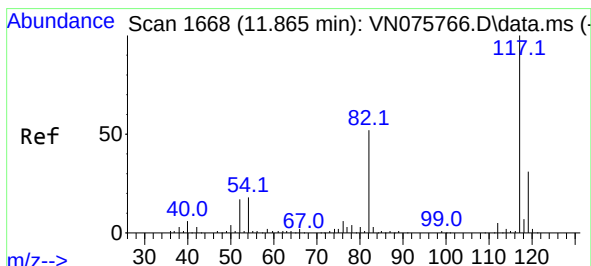
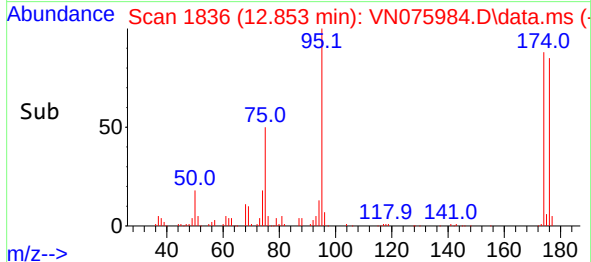
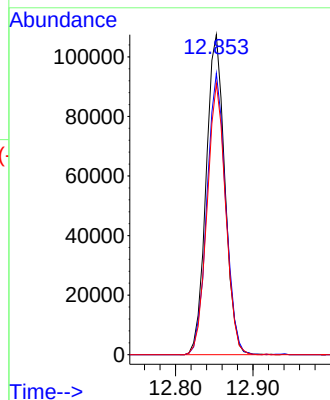
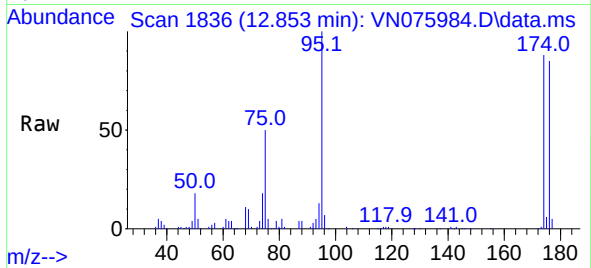




#62
4-Bromofluorobenzene
Concen: 46.198 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

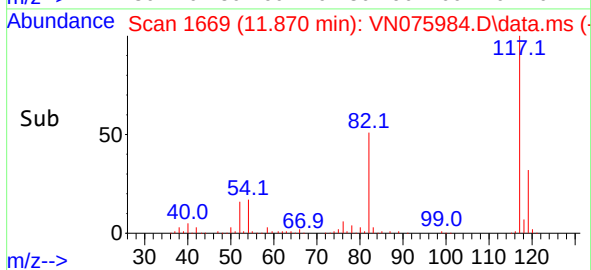
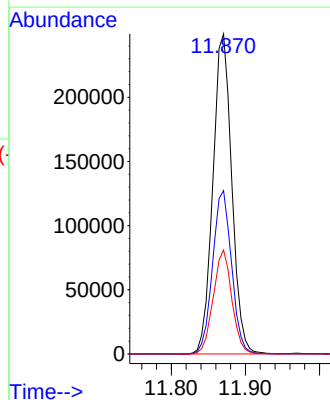
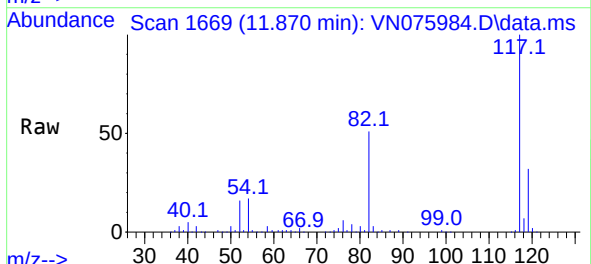
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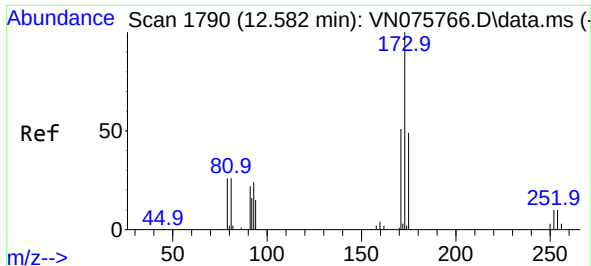
Tgt Ion: 95 Resp: 179877
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 83.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Tgt Ion: 117 Resp: 441674
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.5 24.6 37.0

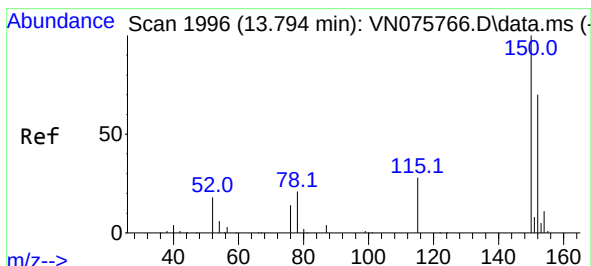
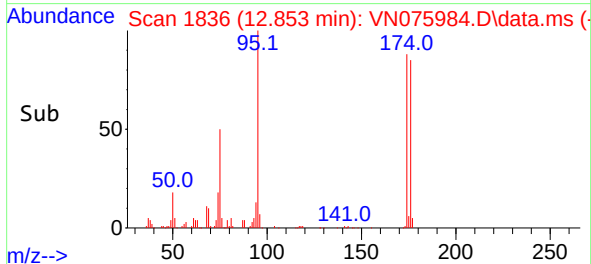
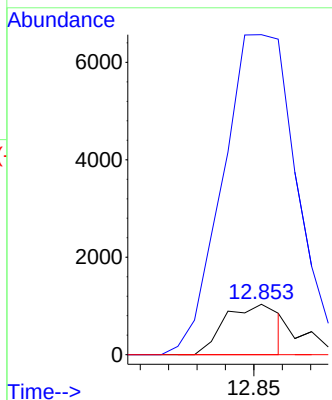
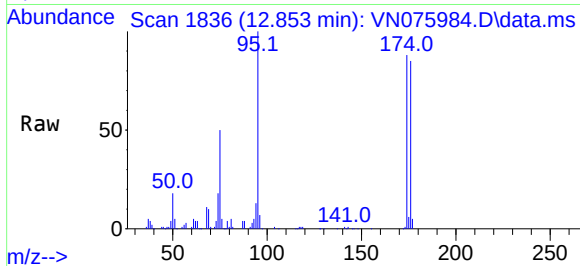




#71
Bromoform
Concen: 0.564 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

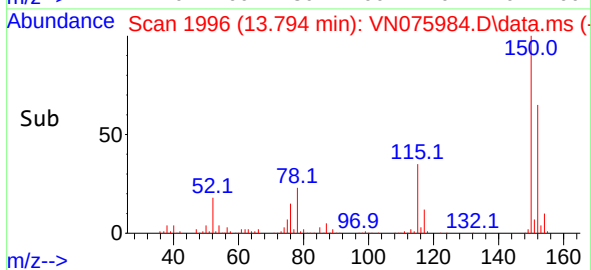
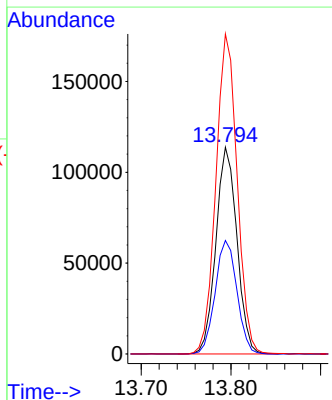
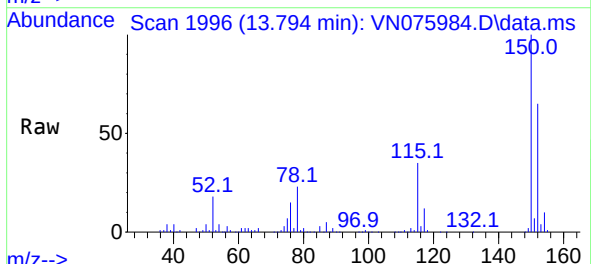
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

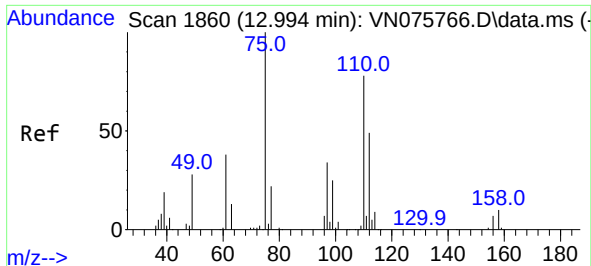
Tgt Ion:173 Resp: 1379
Ion Ratio Lower Upper
173 100
175 693.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Tgt Ion:152 Resp: 185437
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 156.4 0.0 347.0

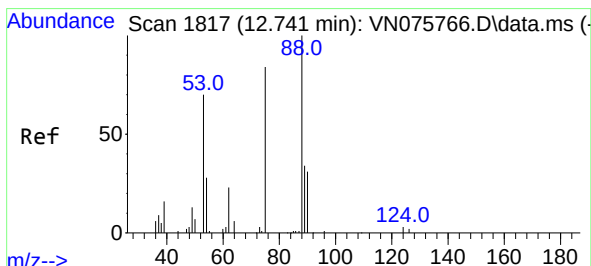
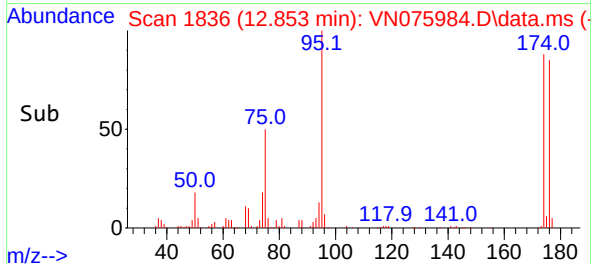
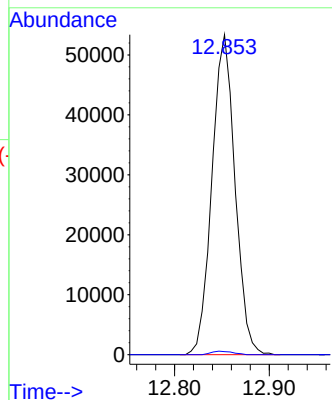
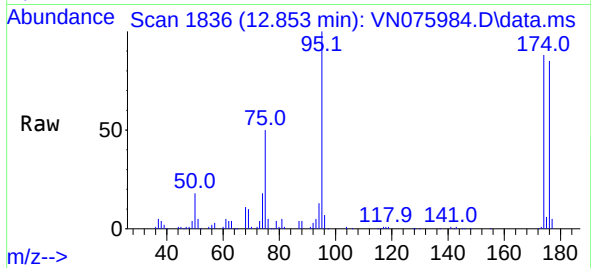




#76
1,2,3-Trichloropropane
Concen: 24.124 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

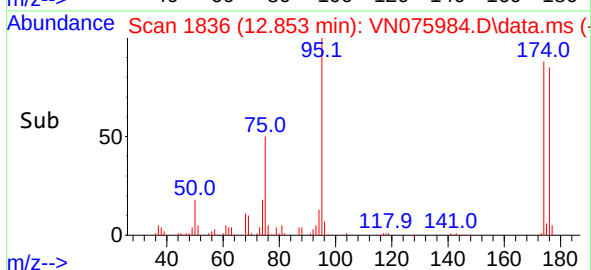
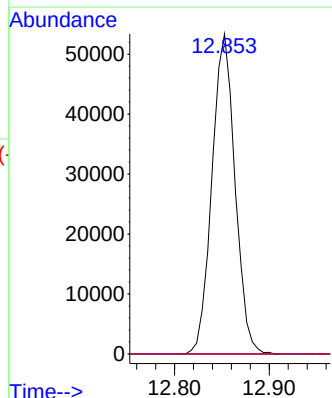
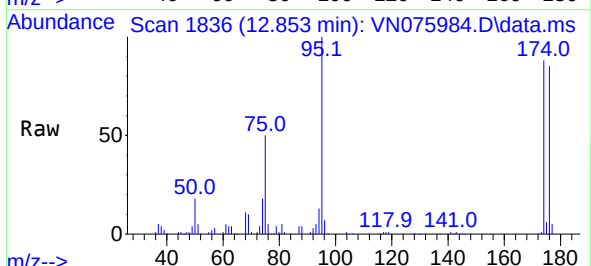
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

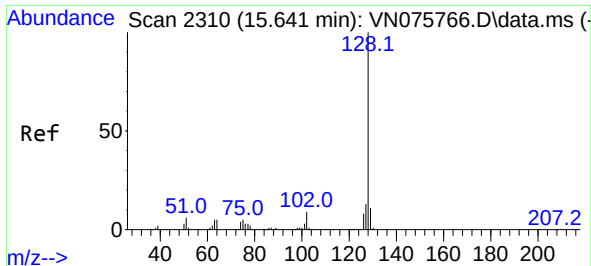
Tgt Ion: 75 Resp: 90176
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.836 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

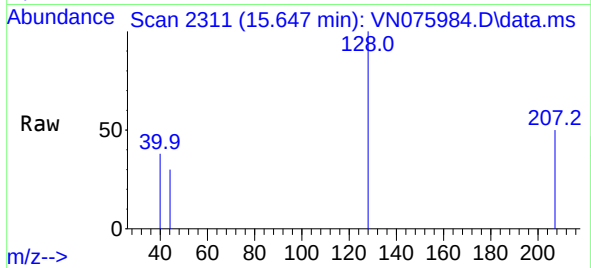
Tgt Ion: 75 Resp: 90176
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.351 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075984.D
Acq: 27 Dec 2022 13:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



Tgt Ion:128 Resp: 1826
Ion Ratio Lower Upper
128 100
127 3.2 10.4 15.6#
129 3.1 8.7 13.1#

