

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075754.D
 Acq On : 13 Dec 2022 10:27
 Operator : JC\MD
 Sample : N5951-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

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

Quant Time: Dec 13 13:05:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

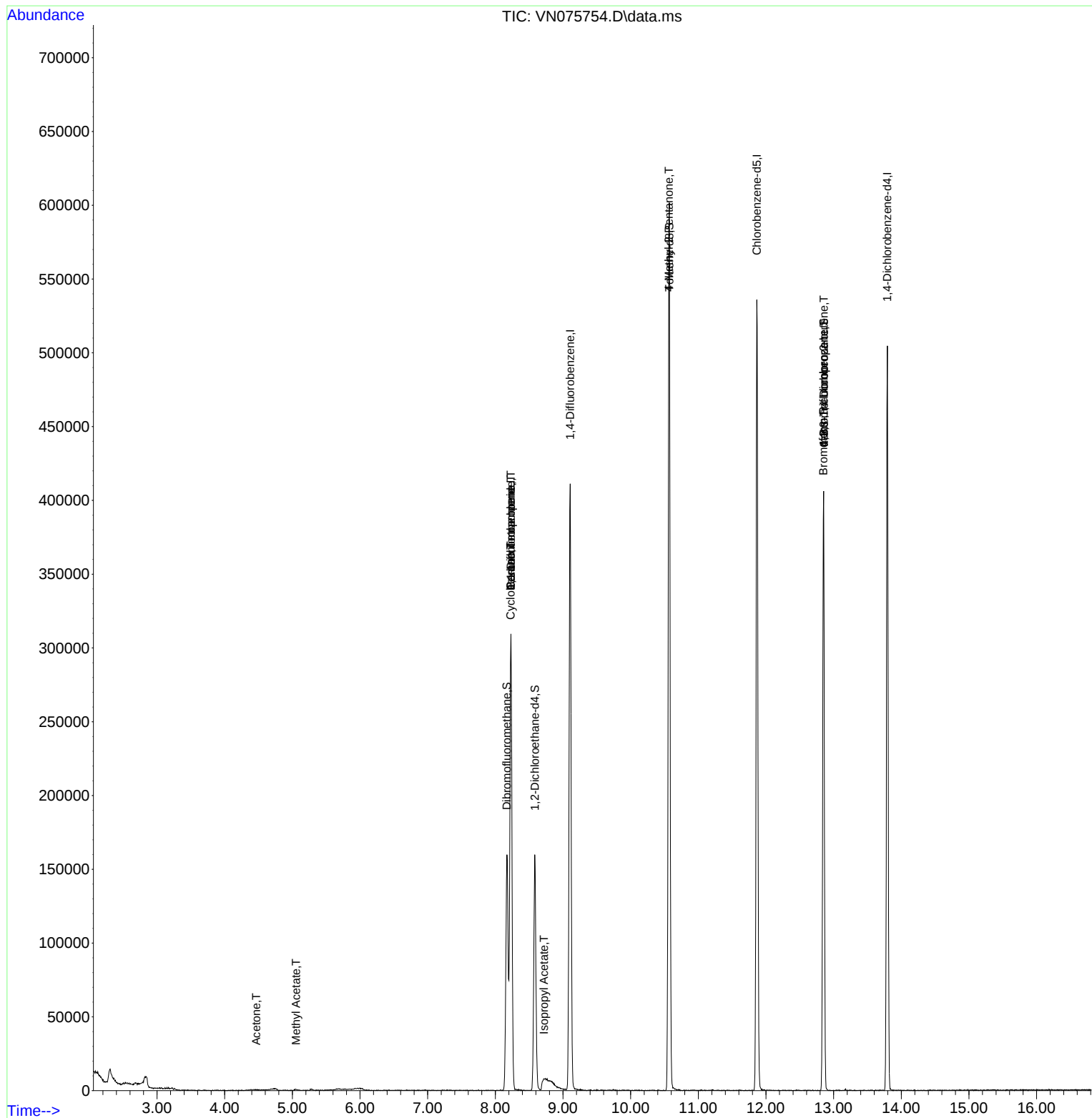
Internal Standards						
1) Pentafluorobenzene	8.230	168	240315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	383955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124482	48.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	8.171	113	114493	48.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.760%		
50) Toluene-d8	10.571	98	436835	49.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.853	95	134398	44.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.360%		
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	321	0.372	ug/l #	41
18) Methyl Acetate	5.053	43	1181	0.426	ug/l #	63
31) Cyclohexane	8.224	56	4534	1.201	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	16456	5.290	ug/l #	50
38) Carbon Tetrachloride	8.230	117	24642	6.865	ug/l #	17
43) Isopropyl Acetate	8.718	43	6609	1.585	ug/l #	51
51) 4-Methyl-2-Pentanone	10.565	43	1553	0.604	ug/l #	1
71) Bromoform	12.847	173	914	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68084	23.779	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68084	75.997	ug/l #	13

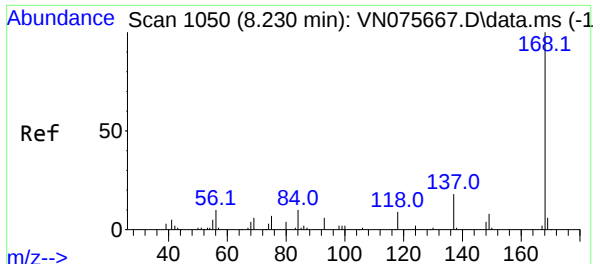
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
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Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075754.D

Acq: 13 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

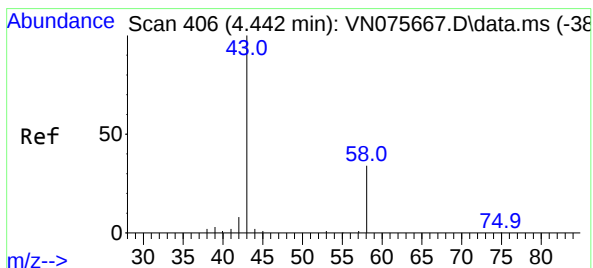
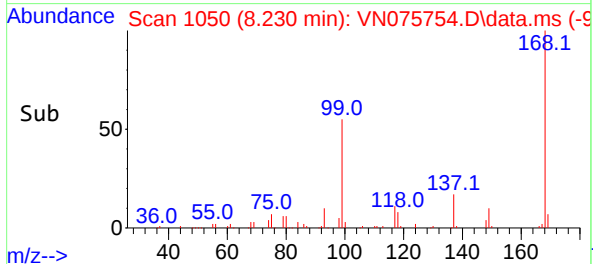
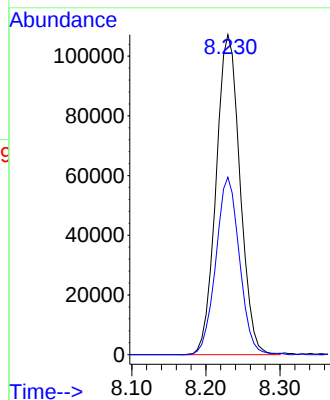
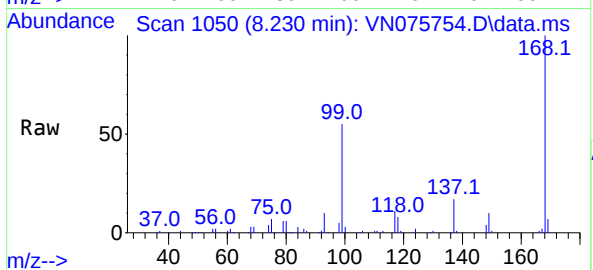
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 240315

Ion Ratio Lower Upper

168 100

99 55.4 41.2 61.8



#16

Acetone

Concen: 0.372 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.024 min

Lab File: VN075754.D

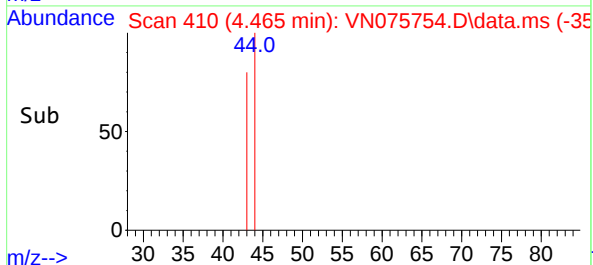
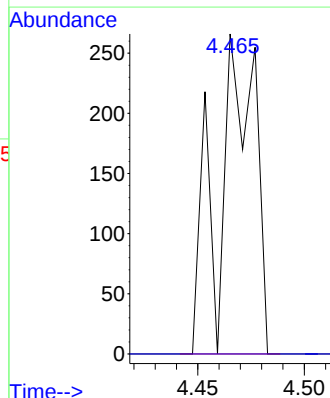
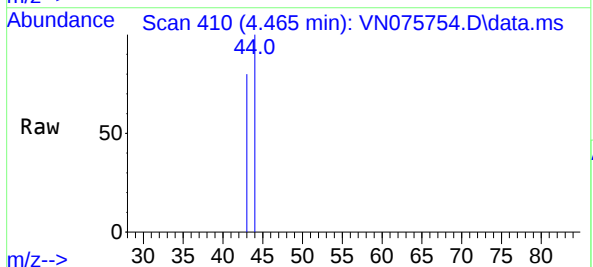
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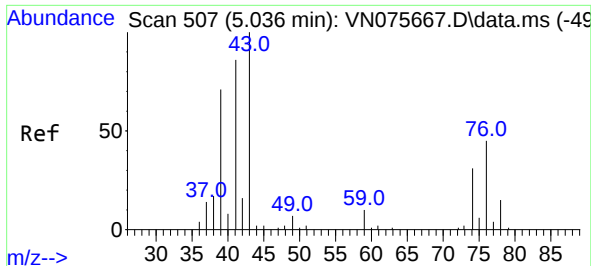
Tgt Ion: 43 Resp: 321

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#

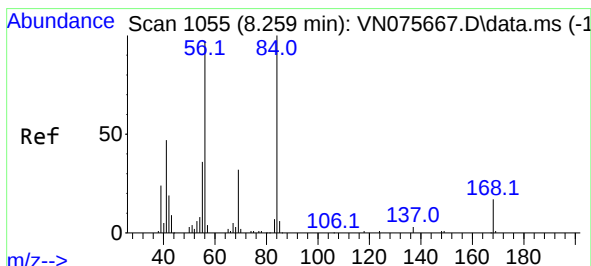
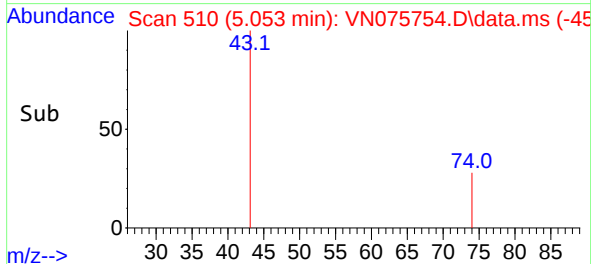
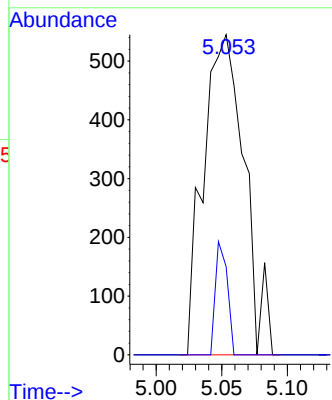
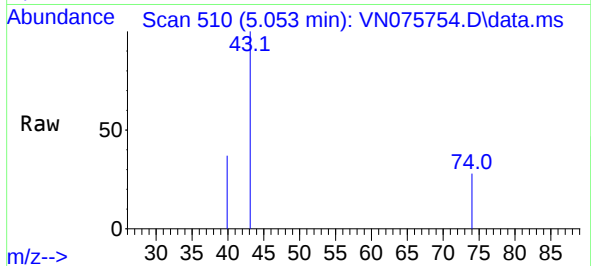




#18
Methyl Acetate
Concen: 0.426 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

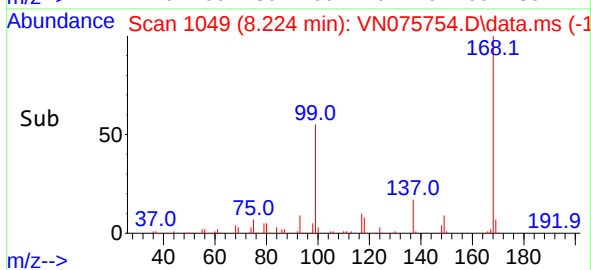
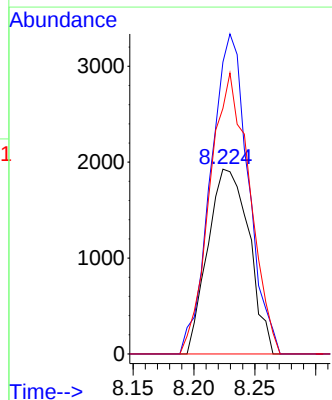
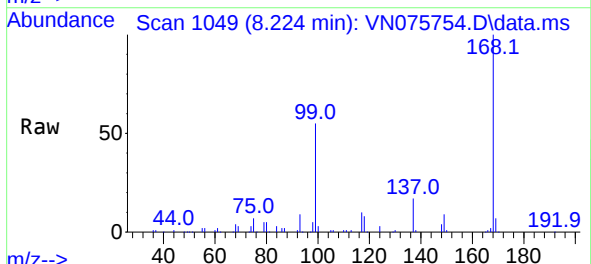
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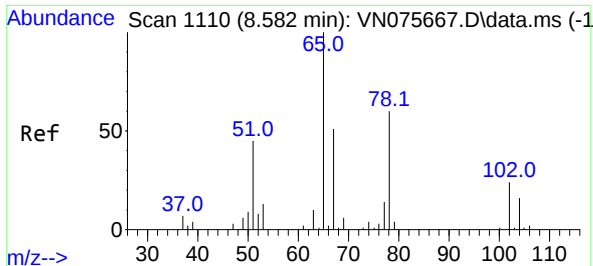
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
74 10.2 24.5 36.7#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 56 Resp: 4534
Ion Ratio Lower Upper
56 100
69 157.8 26.2 39.2#
84 132.9 82.8 124.2#

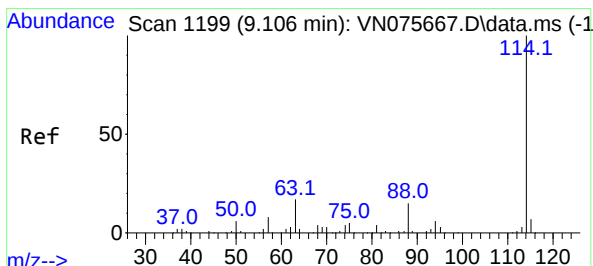
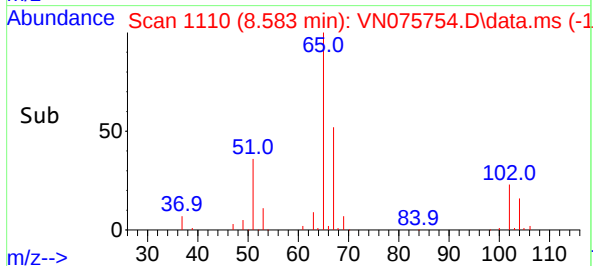
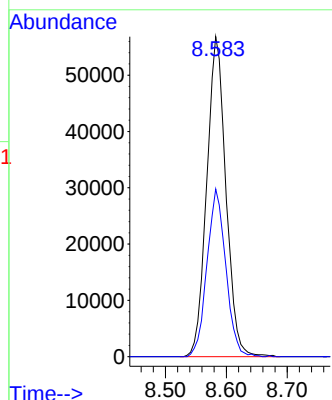
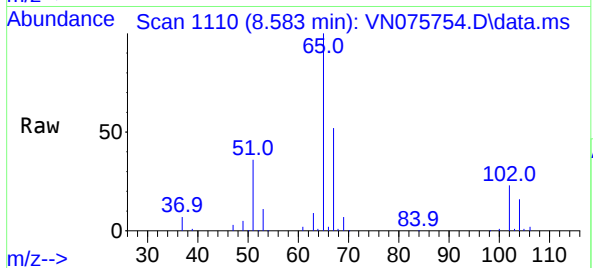




#33
1,2-Dichloroethane-d4
Concen: 48.820 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

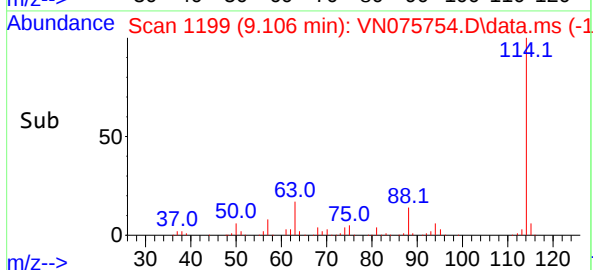
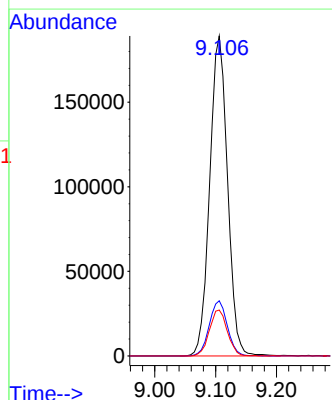
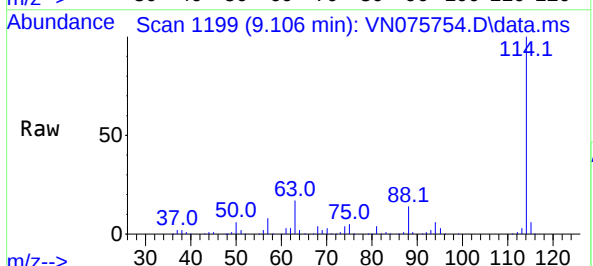
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

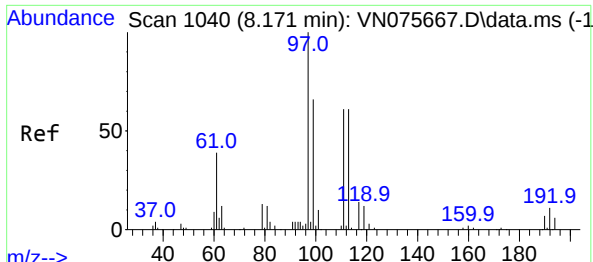
Tgt Ion: 65 Resp: 124482
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 114 Resp: 383955
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.4
88 14.3 0.0 29.2

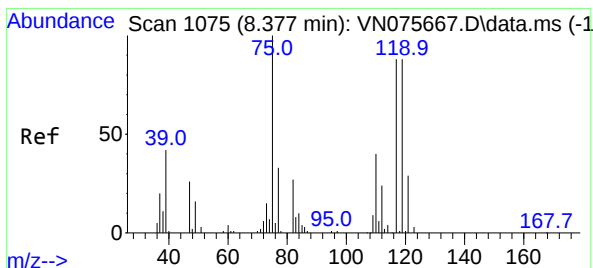
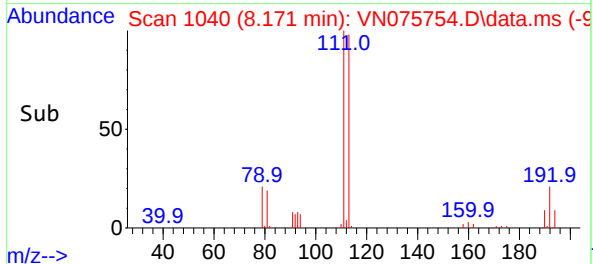
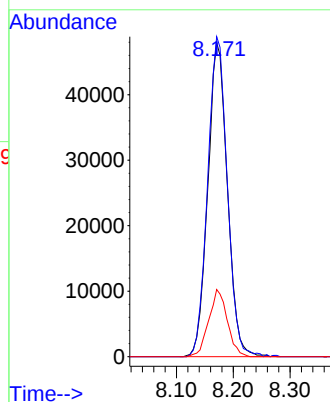
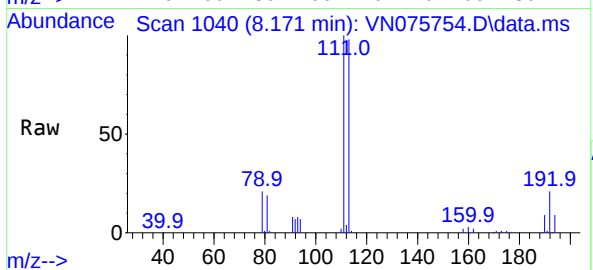




#35
Dibromofluoromethane
Concen: 48.875 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

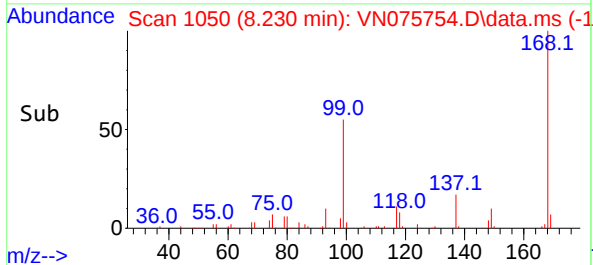
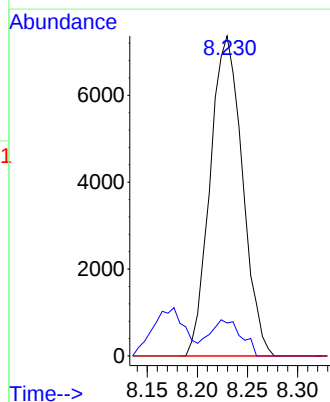
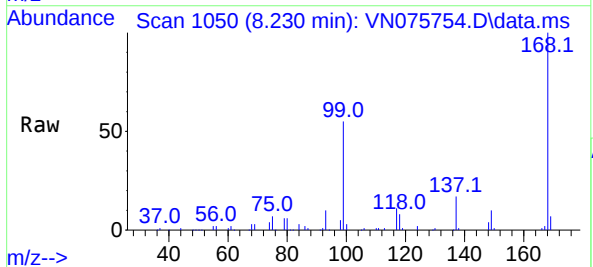
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

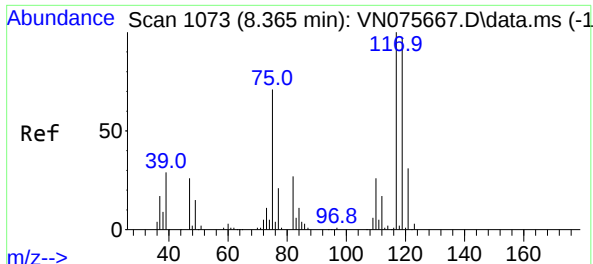
Tgt Ion:113 Resp: 114493
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.6
192 20.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

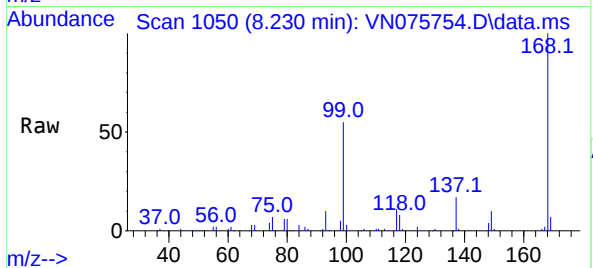
Tgt Ion: 75 Resp: 16456
Ion Ratio Lower Upper
75 100
110 11.1 18.9 56.9#
77 0.0 25.4 38.2#



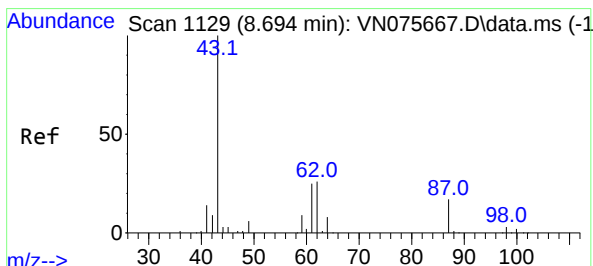
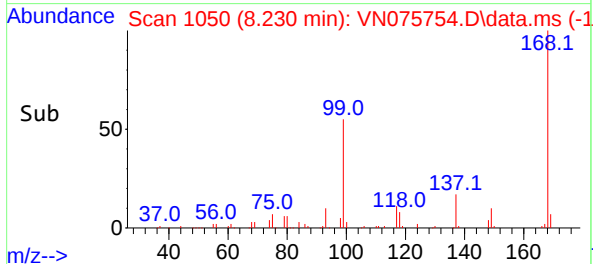
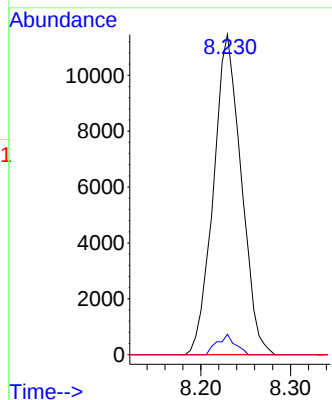


#38
Carbon Tetrachloride
Concen: 6.865 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

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

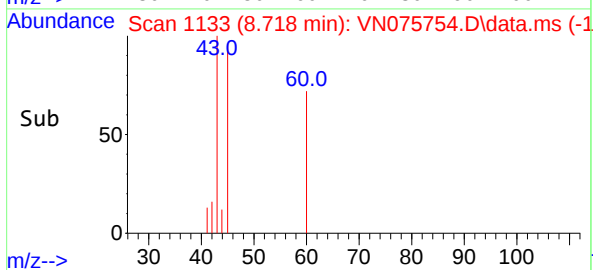
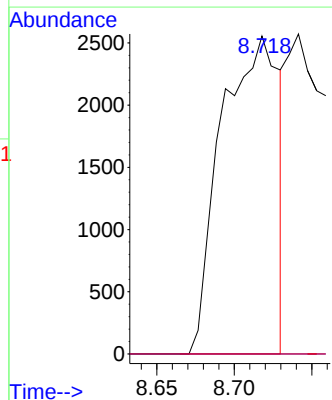
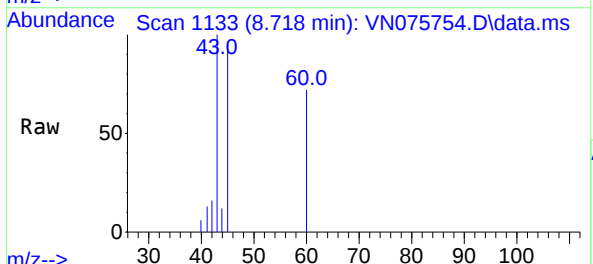


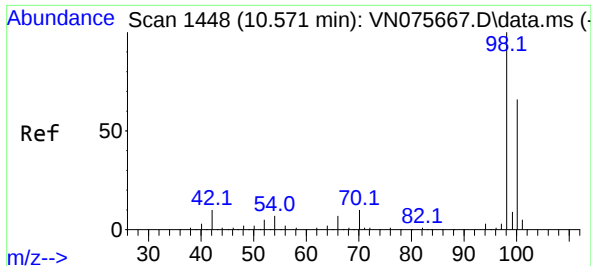
Tgt Ion:117 Resp: 24642
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.585 ug/l
RT: 8.718 min Scan# 1133
Delta R.T. 0.024 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 43 Resp: 6609
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 13.7 20.5#

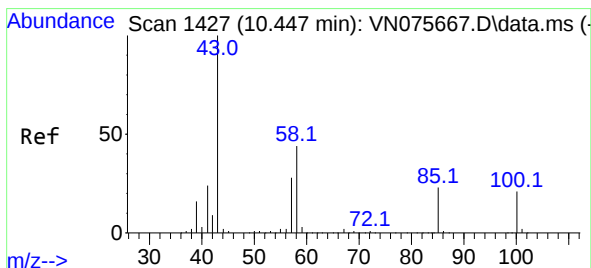
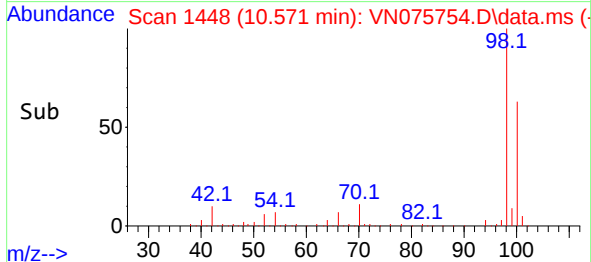
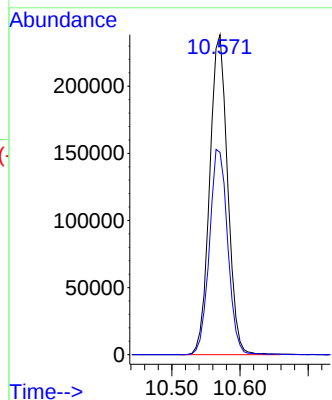
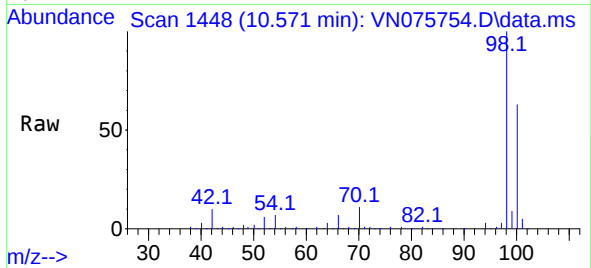




#50
Toluene-d8
Concen: 49.655 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

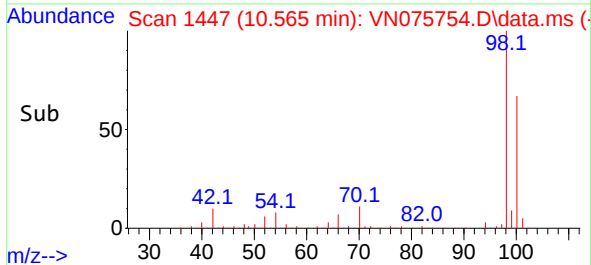
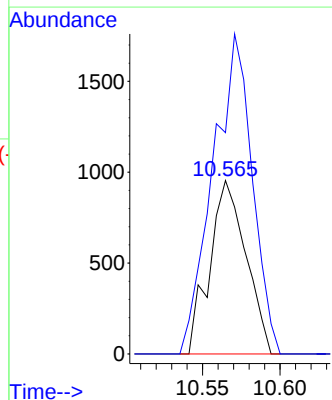
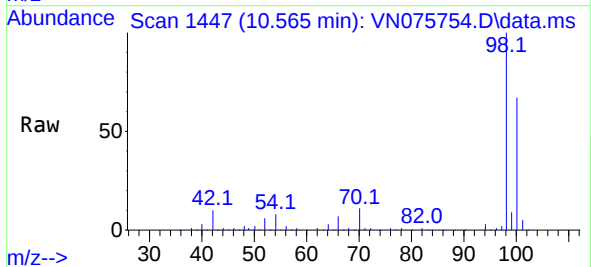
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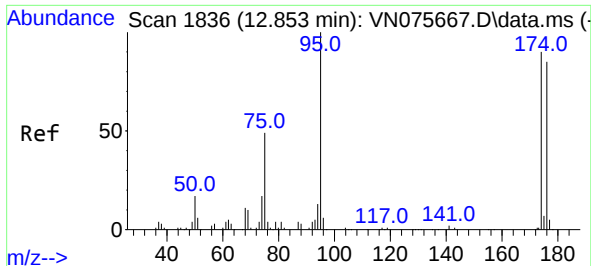
Tgt Ion: 98 Resp: 436835
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
58 199.7 35.0 52.6#

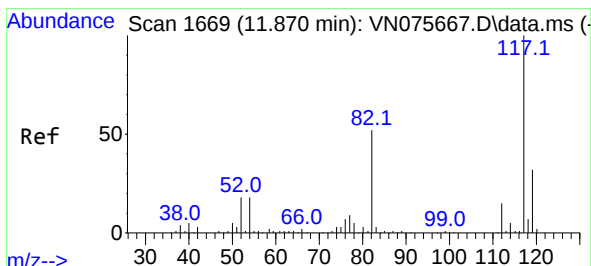
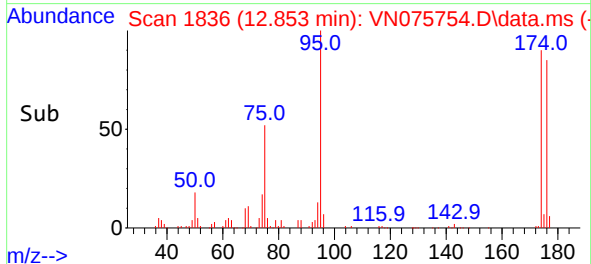
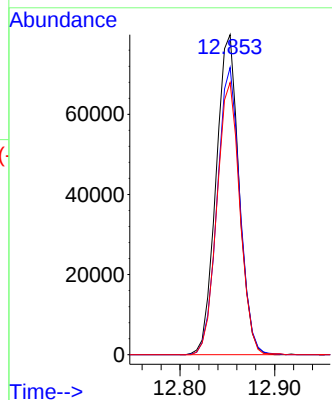
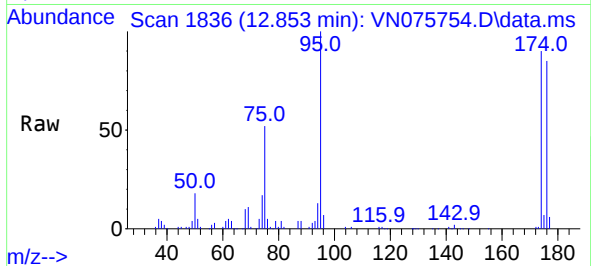




#62
4-Bromofluorobenzene
Concen: 44.682 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

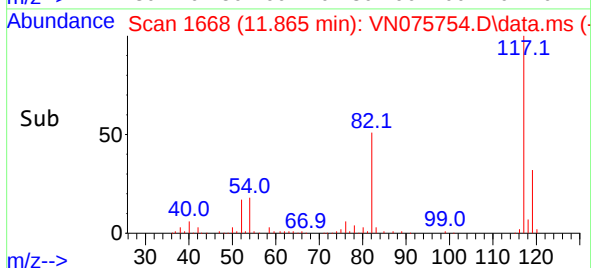
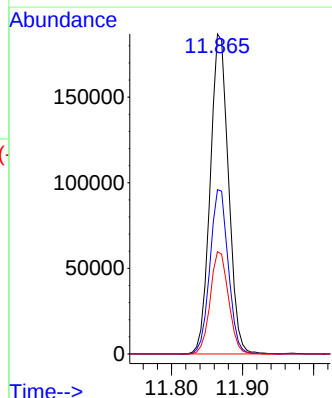
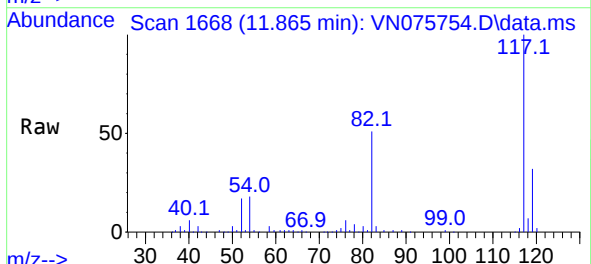
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

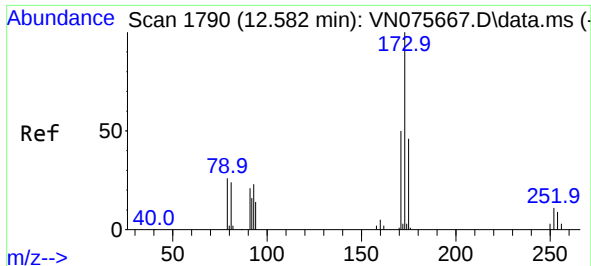
Tgt Ion: 95 Resp: 134398
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.6
176 84.9 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 117 Resp: 333520
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 31.9 25.8 38.6

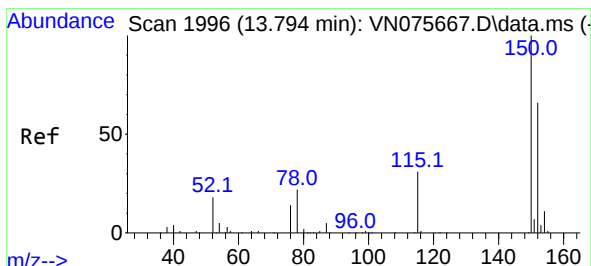
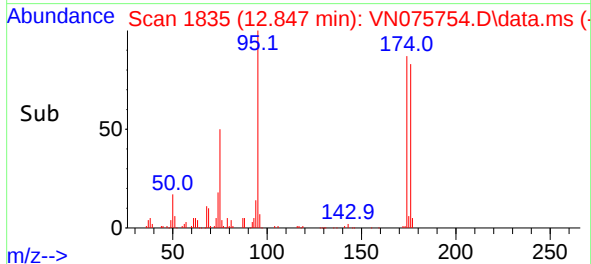
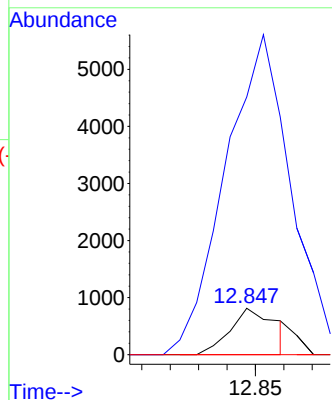
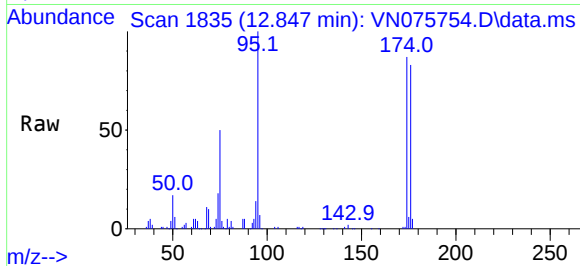




#71
Bromoform
Concen: 0.483 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

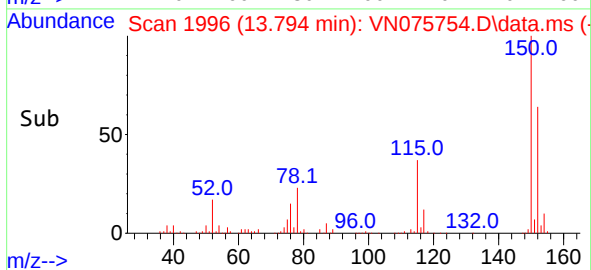
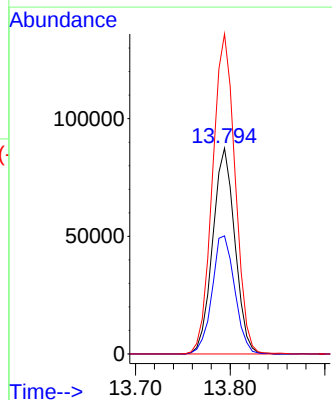
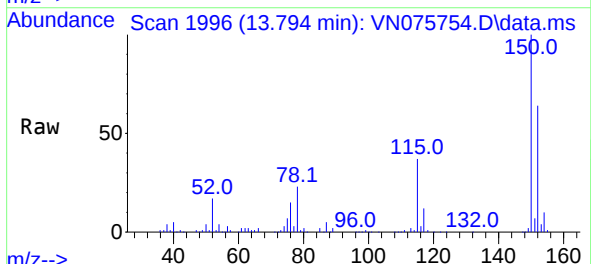
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

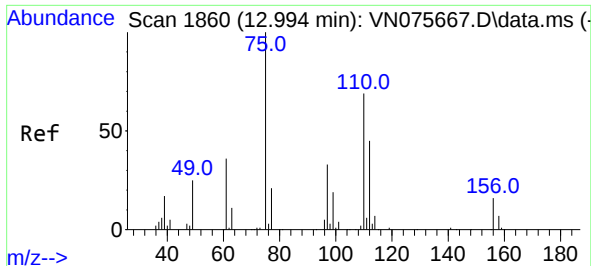
Tgt Ion:173 Resp: 914
Ion Ratio Lower Upper
173 100
175 828.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion:152 Resp: 142575
Ion Ratio Lower Upper
152 100
115 58.6 28.4 85.2
150 158.4 0.0 347.6

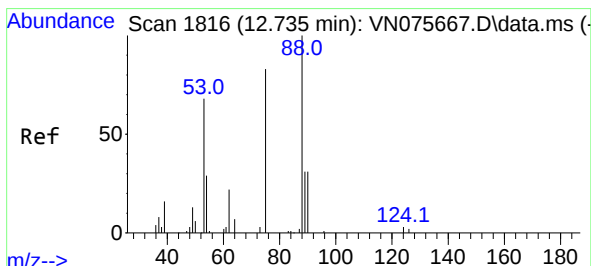
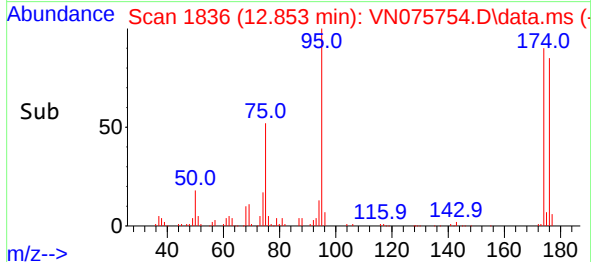
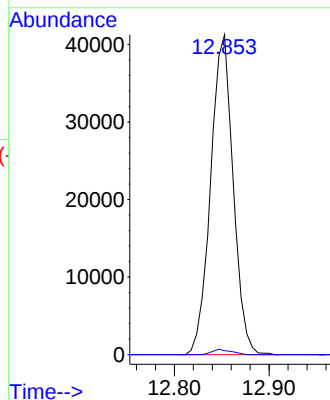
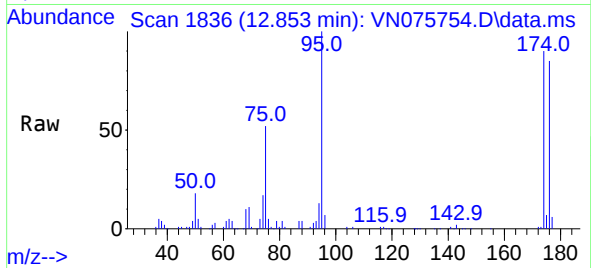




#76
1,2,3-Trichloropropane
Concen: 23.779 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

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

Tgt Ion: 75 Resp: 68084
Ion Ratio Lower Upper
75 100
77 1.4 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.997 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 75 Resp: 68084
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

