

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075894.D
 Acq On : 20 Dec 2022 13:23
 Operator : JC\MD
 Sample : N6131-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 21 01:27:51 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)

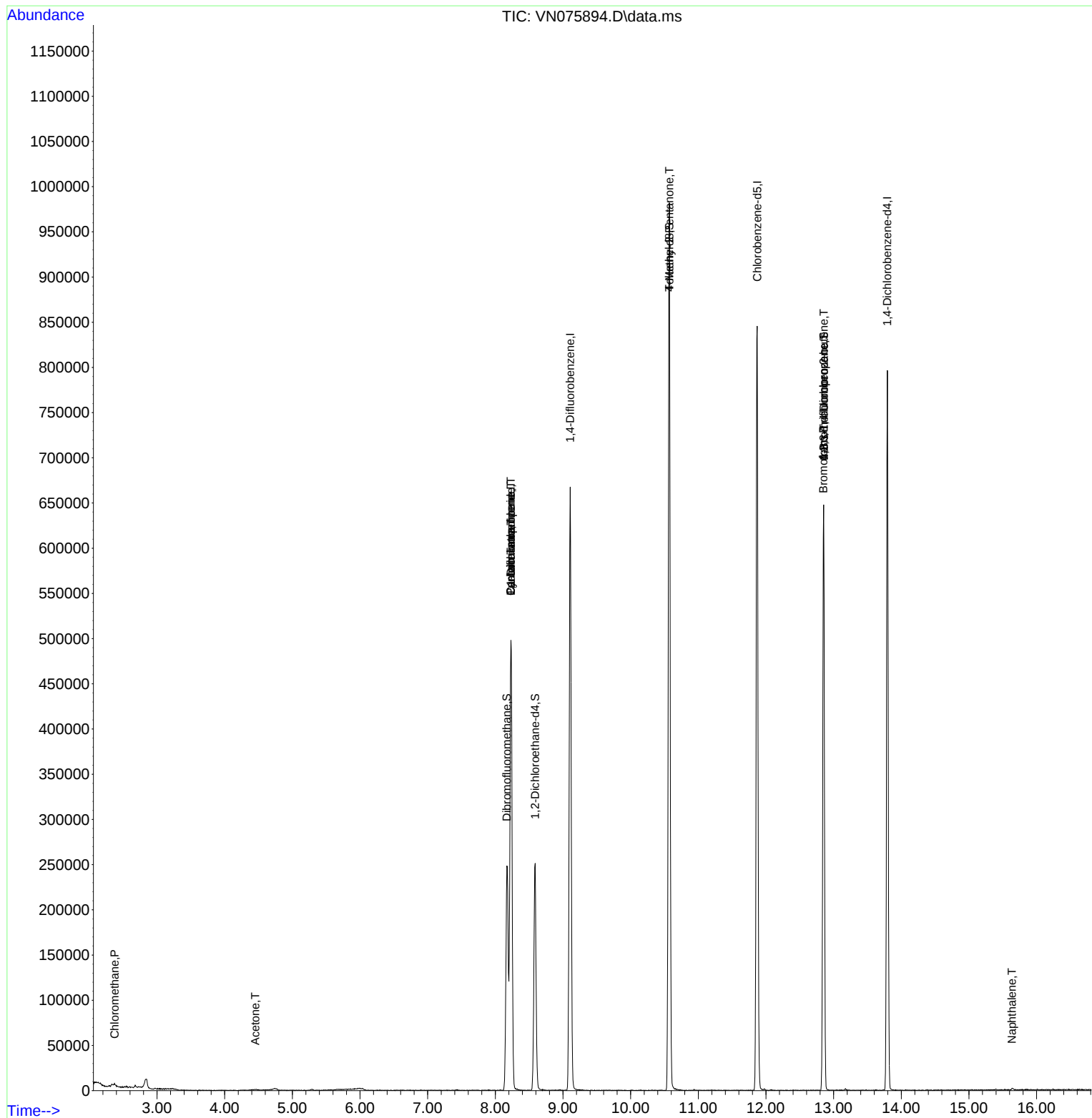
Internal Standards						
1) Pentafluorobenzene	8.230	168	404217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	533123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	198509	45.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.280%
35) Dibromofluoromethane	8.171	113	182539	47.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.571	98	706246	49.456	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.853	95	222377	47.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1338	0.375	ug/l #	68
16) Acetone	4.453	43	533	0.352	ug/l #	39
20) Methylene Chloride	5.294	84	897	Below Cal	#	70
31) Cyclohexane	8.230	56	7937	1.260	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	28784	5.673	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38092	6.708	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2364	0.581	ug/l #	1
71) Bromoform	12.847	173	1191	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113524	25.487	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113524	91.740	ug/l #	12
95) Naphthalene	15.635	128	2614	2.385	ug/l #	69

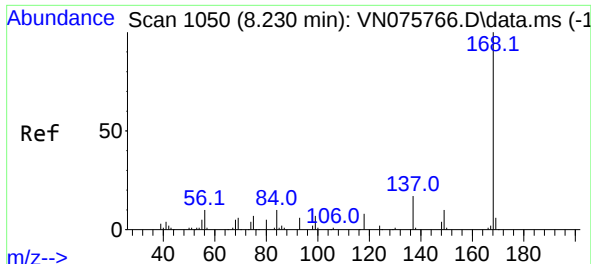
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 21 01:27:51 2022
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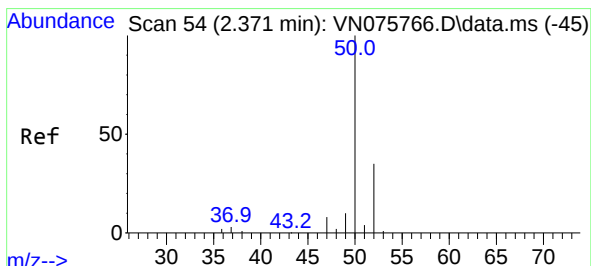
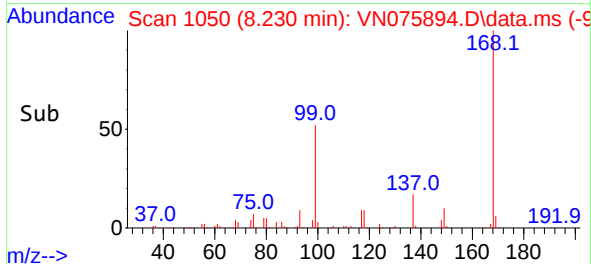
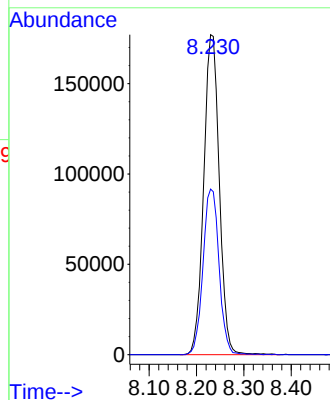
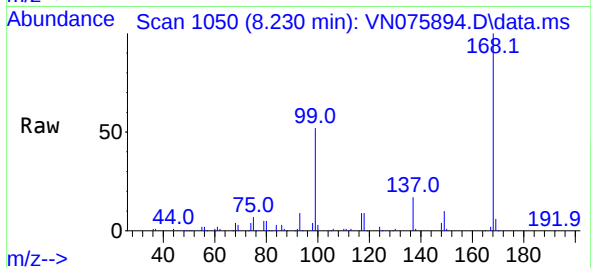




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

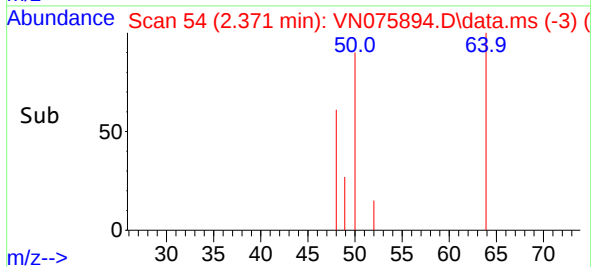
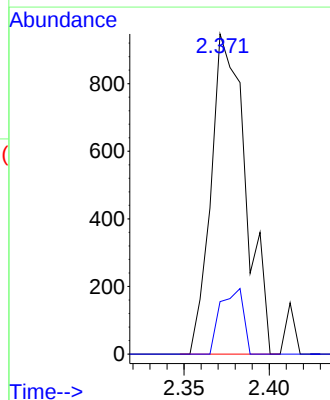
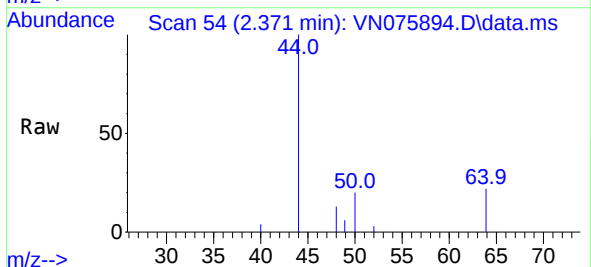
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

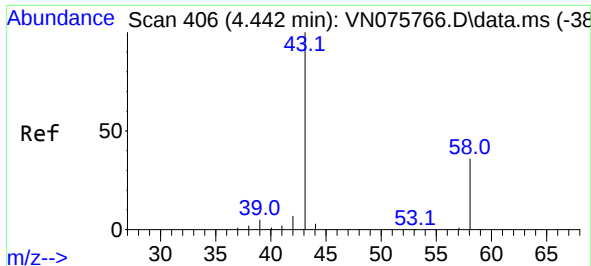
Tgt Ion:168 Resp: 404217
Ion Ratio Lower Upper
168 100
99 51.7 44.2 66.4



#3
Chloromethane
Concen: 0.375 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 50 Resp: 1338
Ion Ratio Lower Upper
50 100
52 16.4 27.7 41.5#

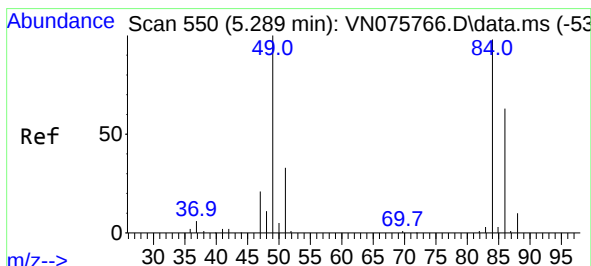
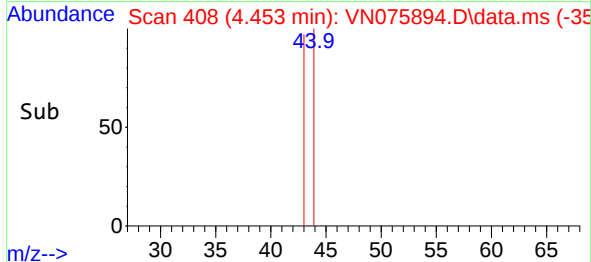
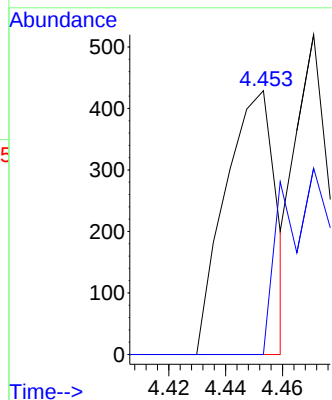
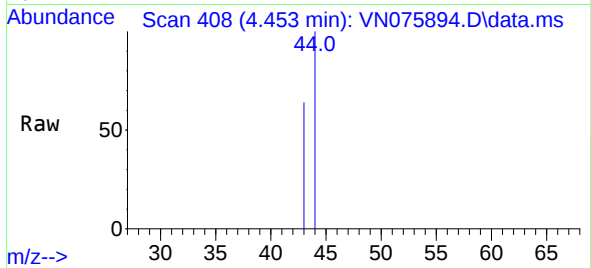




#16
Acetone
Concen: 0.352 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

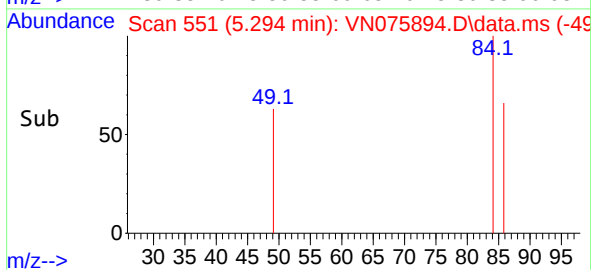
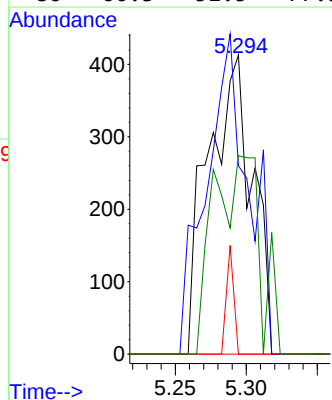
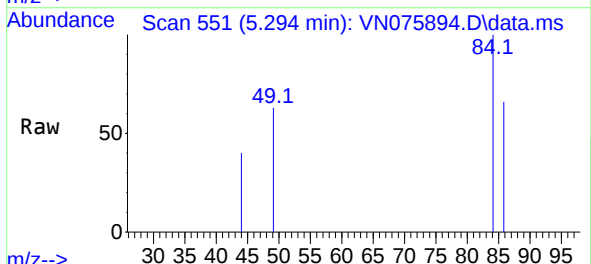
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

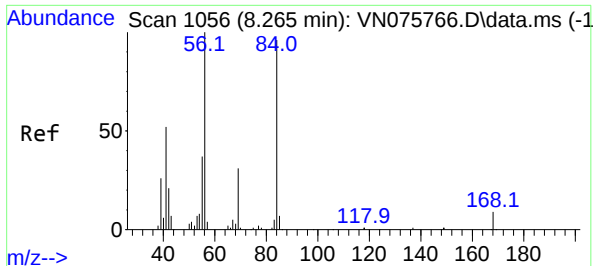
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 84 Resp: 897
Ion Ratio Lower Upper
84 100
49 63.0 81.8 122.6#
51 0.0 26.7 40.1#
86 66.3 51.5 77.3

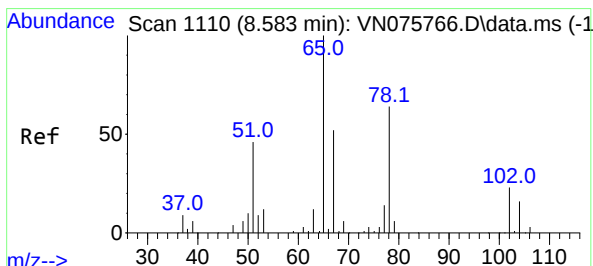
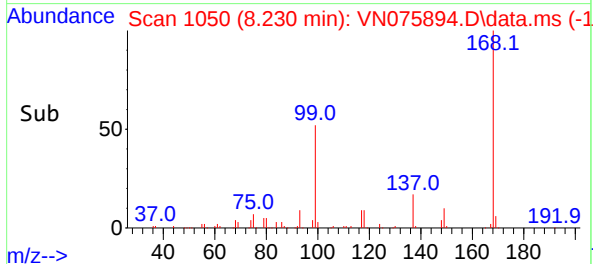
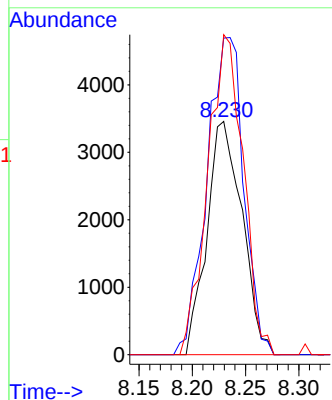
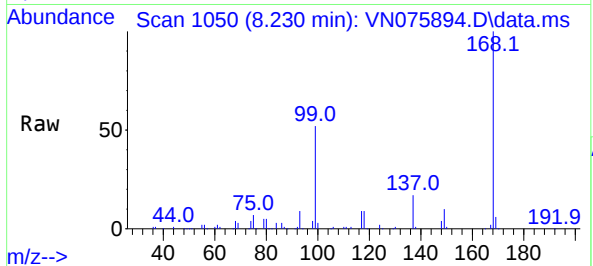




#31
Cyclohexane
Concen: 1.260 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

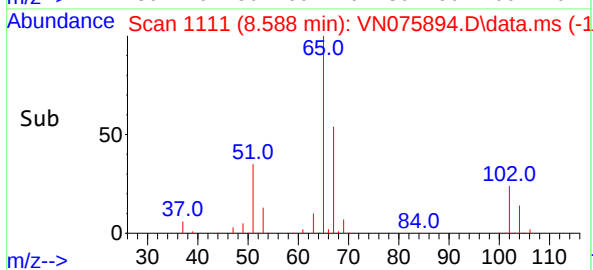
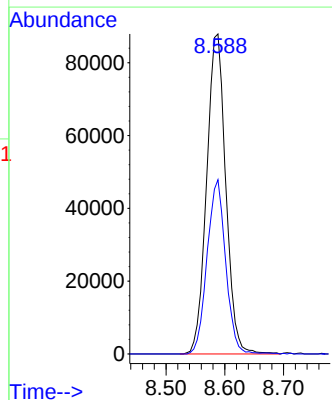
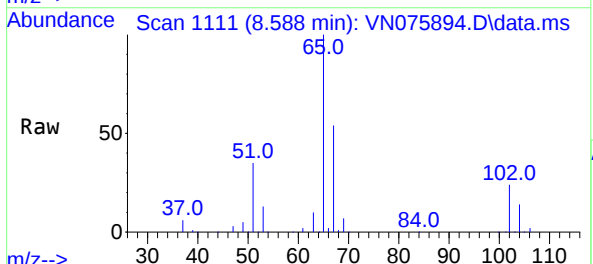
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

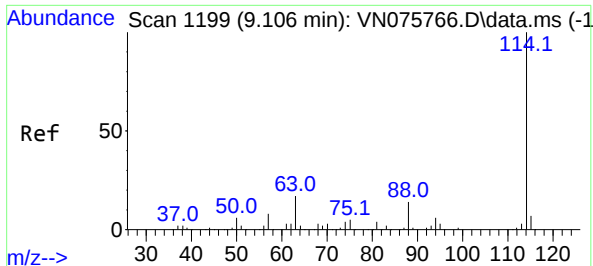
Tgt Ion: 56 Resp: 7937
Ion Ratio Lower Upper
56 100
69 135.7 24.7 37.1#
84 137.2 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 45.141 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 65 Resp: 198509
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4

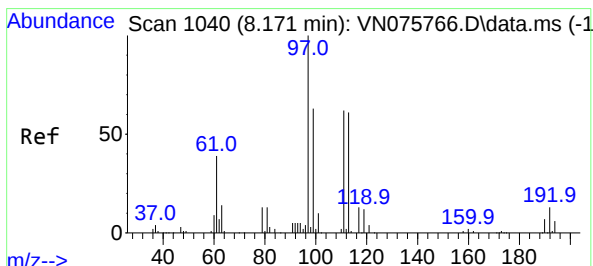
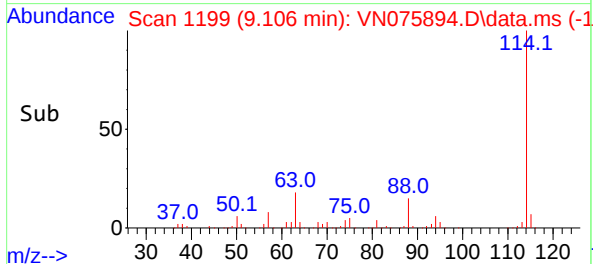
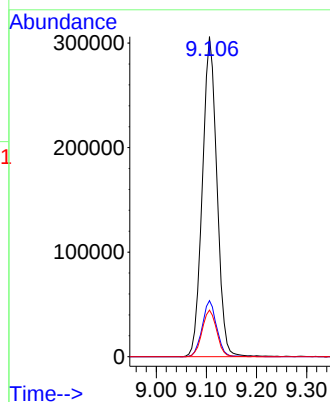
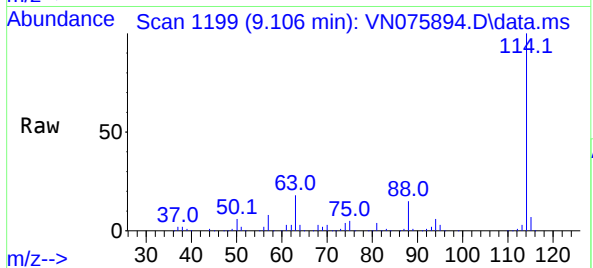




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

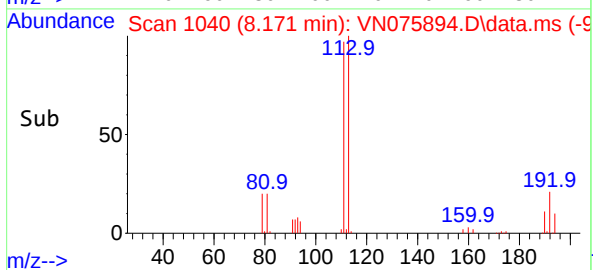
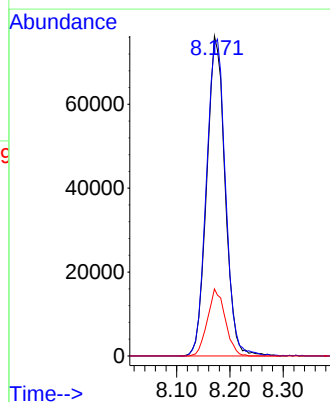
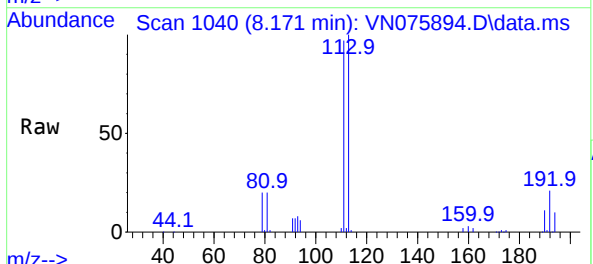
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

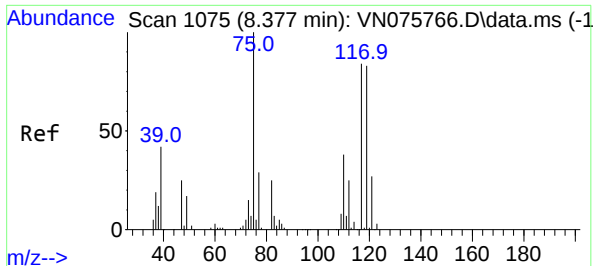
Tgt Ion:114 Resp: 616748
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.4
88 14.6 0.0 28.8



#35
Dibromofluoromethane
Concen: 47.792 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion:113 Resp: 182539
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 20.3 16.1 24.1

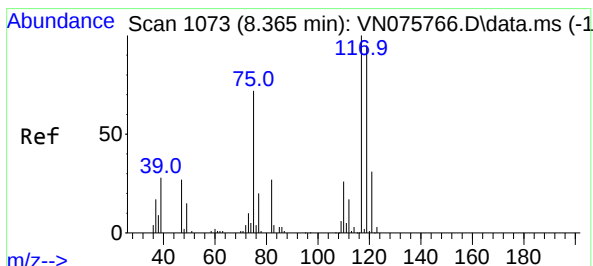
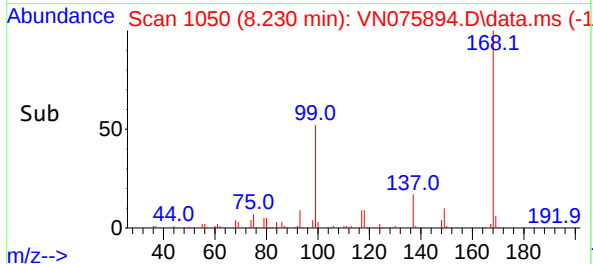
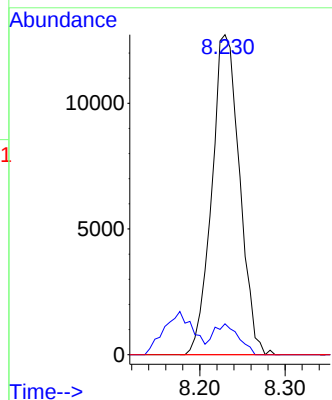
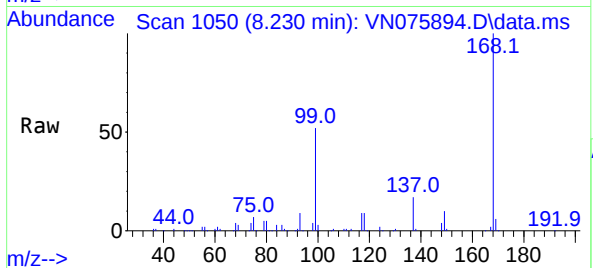




#36
1,1-Dichloropropene
Concen: 5.673 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

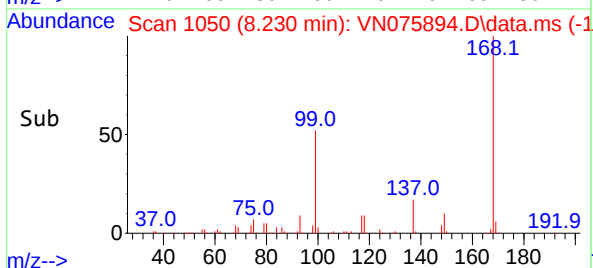
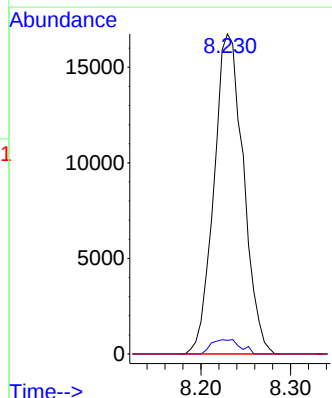
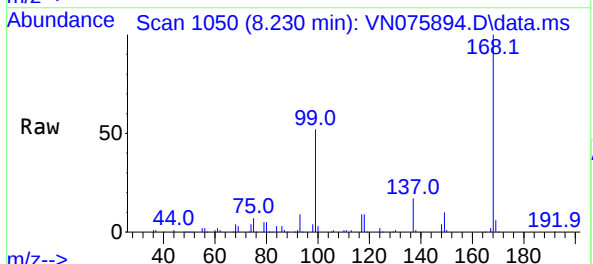
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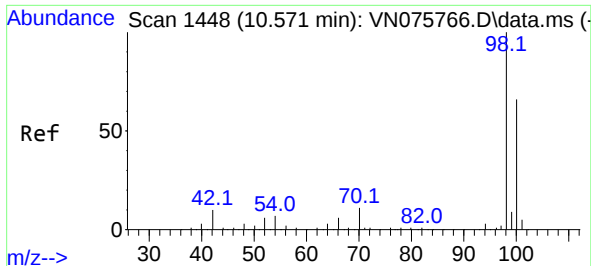
Tgt Ion: 75 Resp: 28784
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.708 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 117 Resp: 38092
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.5 36.7#

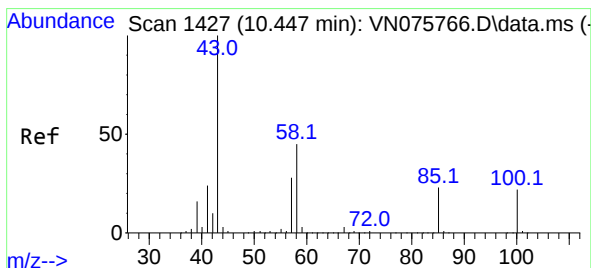
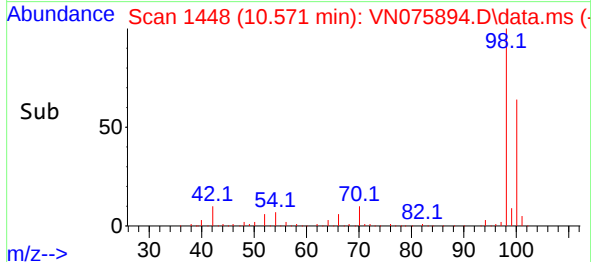
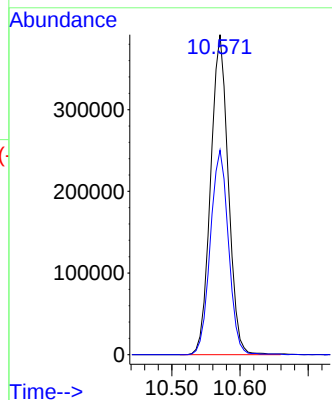
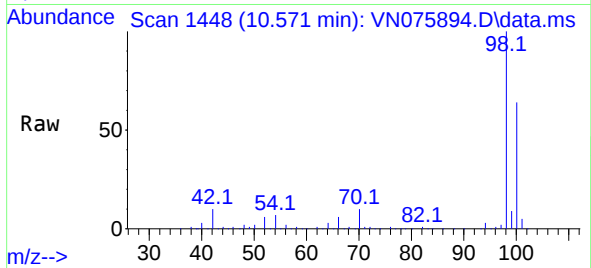




#50
Toluene-d8
Concen: 49.456 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

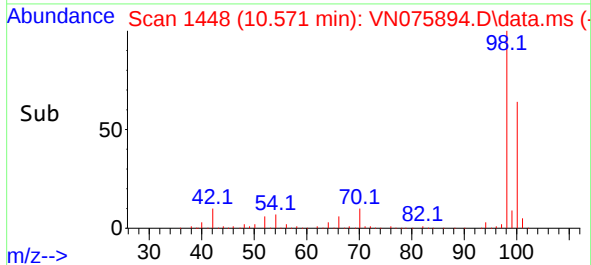
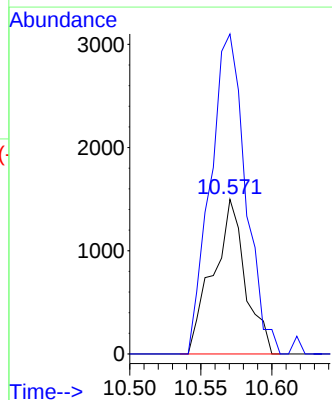
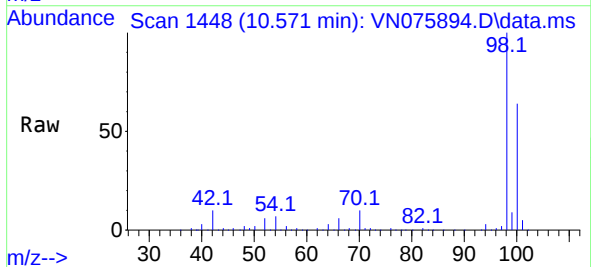
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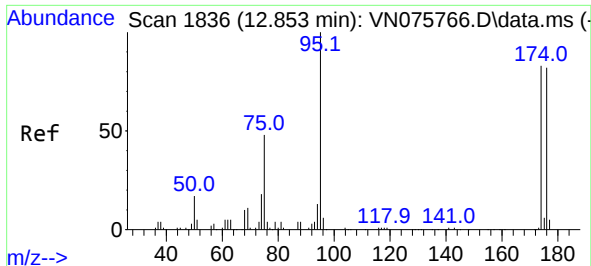
Tgt Ion: 98 Resp: 706246
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
58 227.1 35.5 53.3#

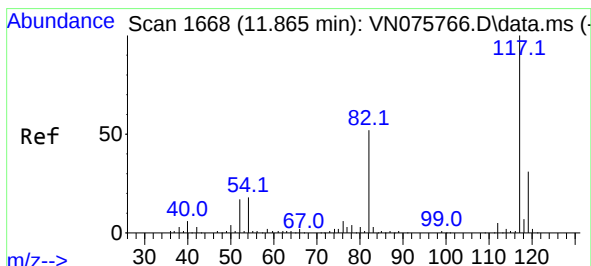
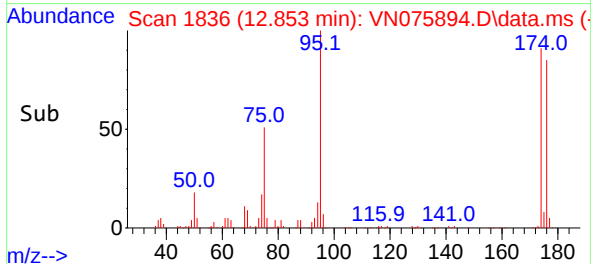
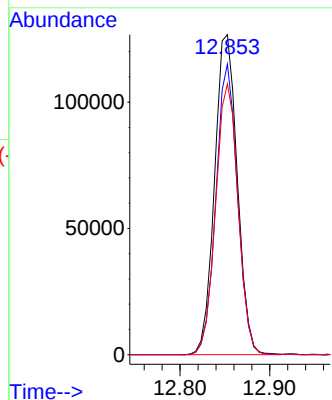
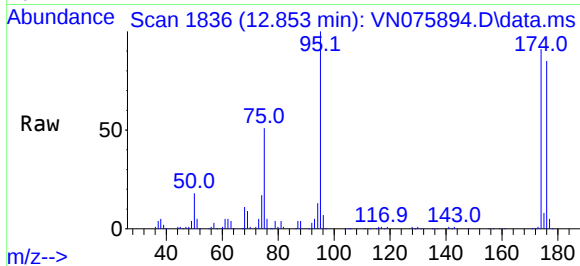




#62
4-Bromofluorobenzene
Concen: 47.016 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

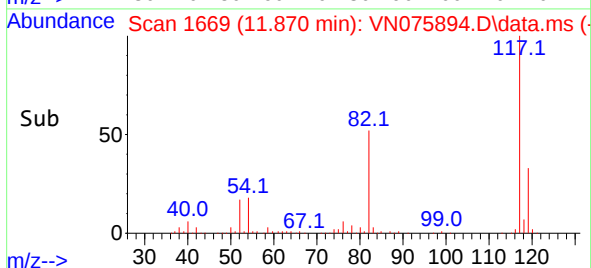
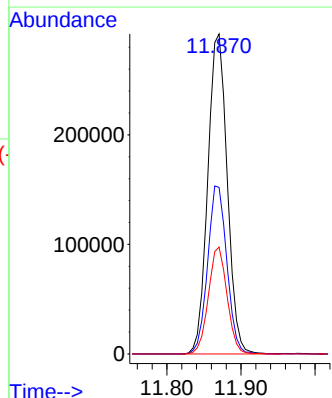
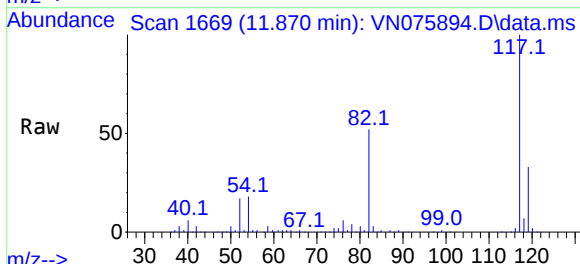
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

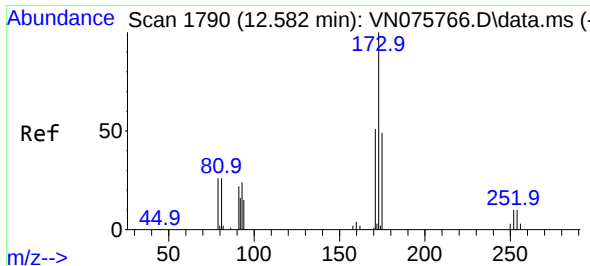
Tgt Ion: 95 Resp: 222377
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 117 Resp: 533123
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 33.4 24.6 37.0

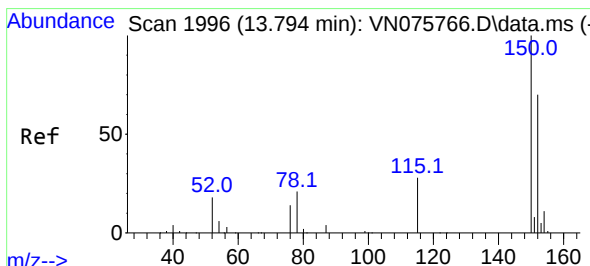
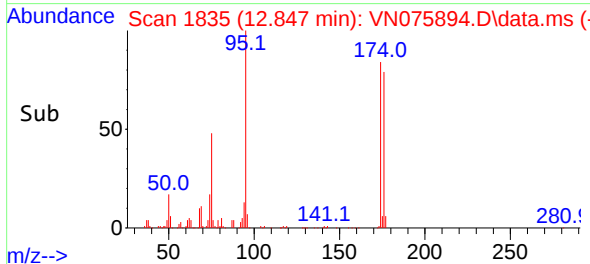
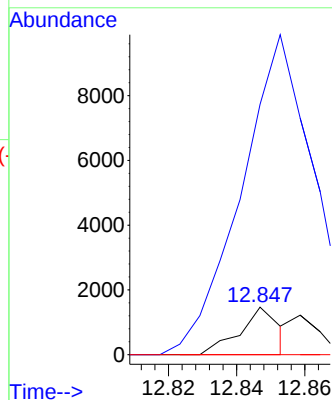
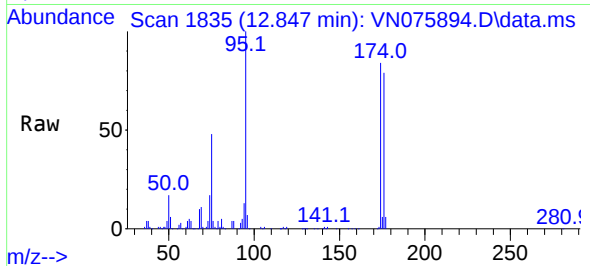




#71
Bromoform
Concen: 0.404 ug/l
RT: 12.847 min Scan# 1191
Delta R.T. 0.265 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

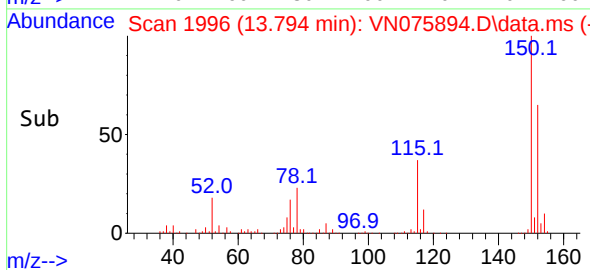
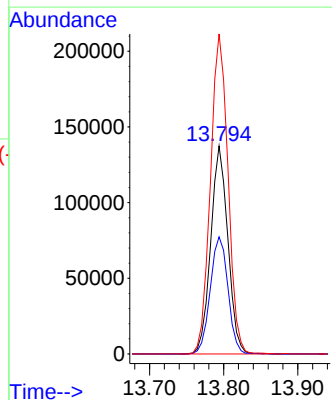
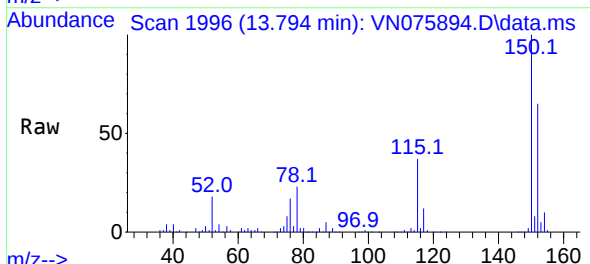
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

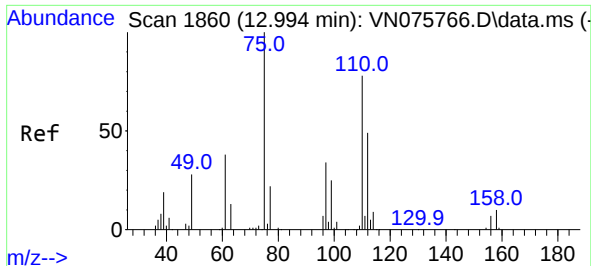
Tgt Ion:173 Resp: 1191
Ion Ratio Lower Upper
173 100
175 1012.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion:152 Resp: 220969
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 157.7 0.0 347.0

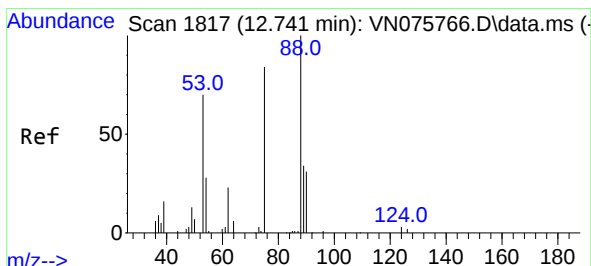
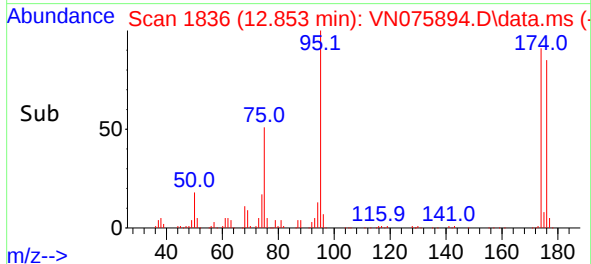
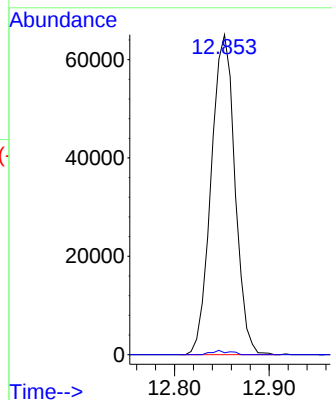
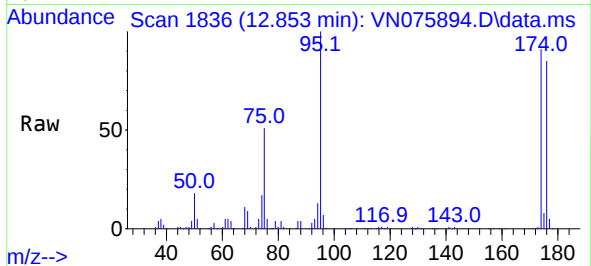




#76
1,2,3-Trichloropropane
Concen: 25.487 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

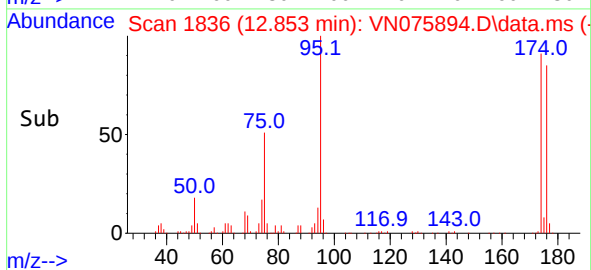
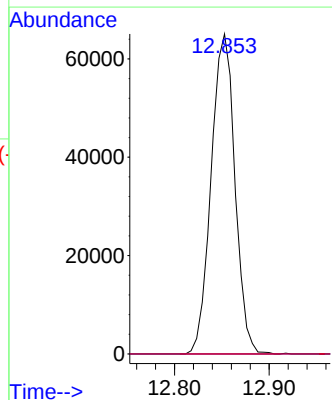
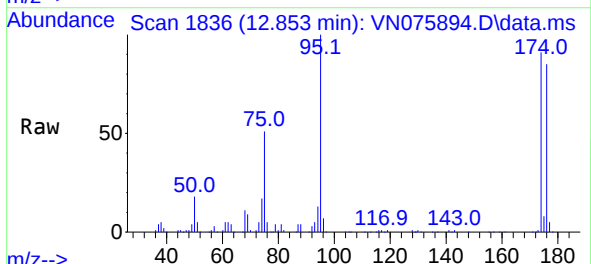
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

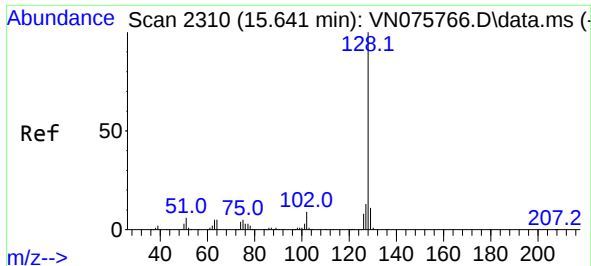
Tgt Ion: 75 Resp: 113524
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.740 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

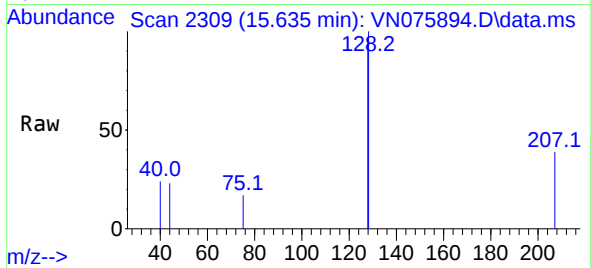
Tgt Ion: 75 Resp: 113524
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.385 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

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



Tgt Ion:128 Resp: 2614
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

