

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077953.D
 Acq On : 27 May 2023 03:39
 Operator : JC\MD
 Sample : 02970-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

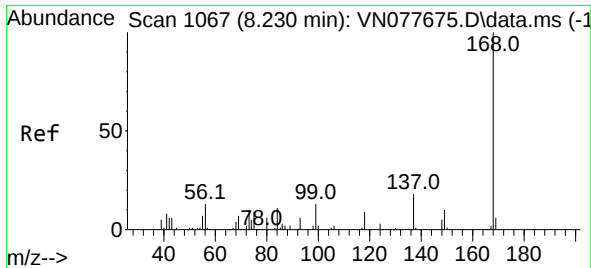
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 29 01:43:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	374941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	687758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	595101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	185753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260503	46.435	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.860%		
35) Dibromofluoromethane	8.177	113	220812	49.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.480%		
50) Toluene-d8	10.576	98	838937	48.599	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.200%		
62) 4-Bromofluorobenzene	12.859	95	266141	43.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.300%		
Target Compounds						
3) Chloromethane	2.365	50	1384	Below Cal	#	82
5) Bromomethane	2.959	94	1310	0.329	ug/l #	42
13) Acrolein	4.212	56	105	Below Cal	#	1
20) Methylene Chloride	5.271	84	401	Below Cal	#	50
31) Cyclohexane	8.230	56	9627	1.263	ug/l #	55
36) 1,1-Dichloropropene	8.230	75	32665	4.980	ug/l #	48
38) Carbon Tetrachloride	8.235	117	40301	6.084	ug/l #	15
43) Isopropyl Acetate	8.712	43	9111	0.954	ug/l #	49
76) 1,2,3-Trichloropropane	12.859	75	147139	31.630	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	147139	101.105	ug/l #	15
95) Naphthalene	15.653	128	9459	0.745	ug/l	97

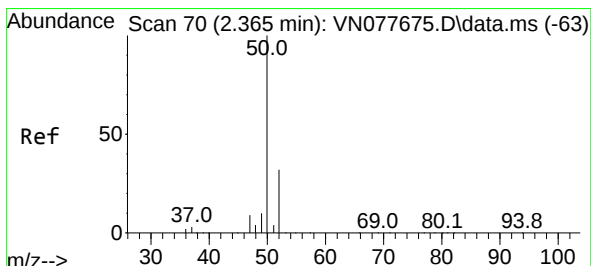
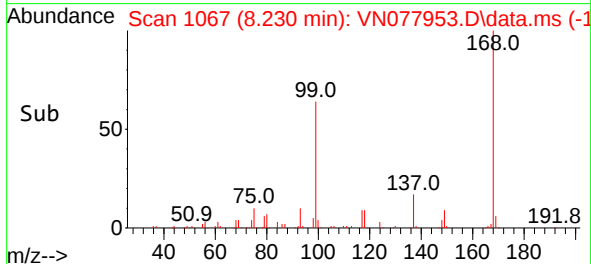
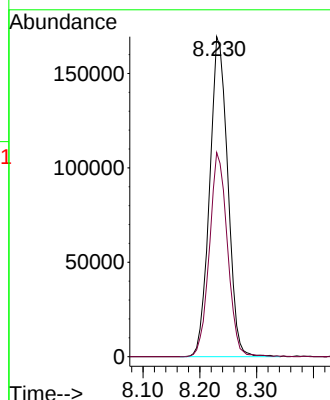
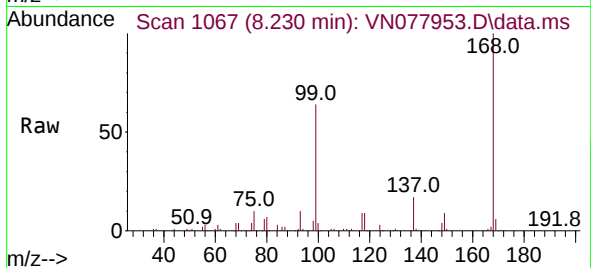
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

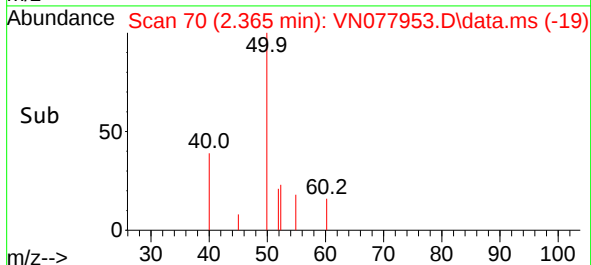
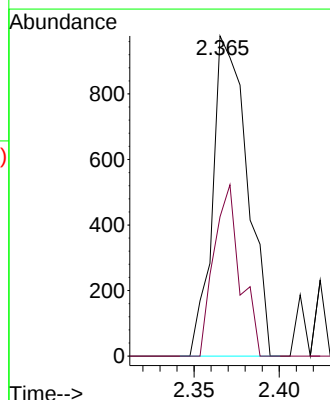
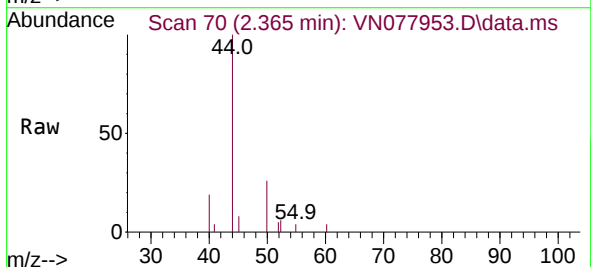
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

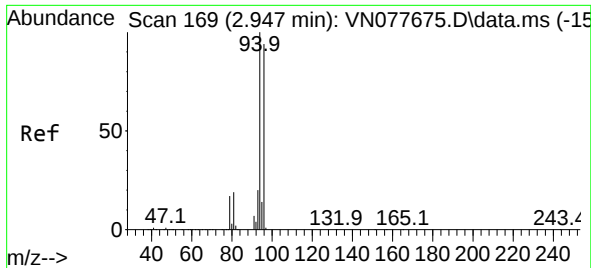
Tgt Ion:168 Resp: 374941
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

Tgt Ion: 50 Resp: 1384
Ion Ratio Lower Upper
50 100
52 43.5 26.5 39.7#

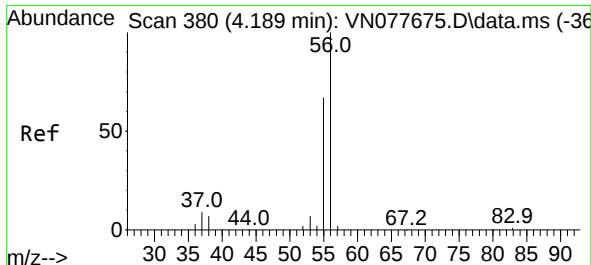
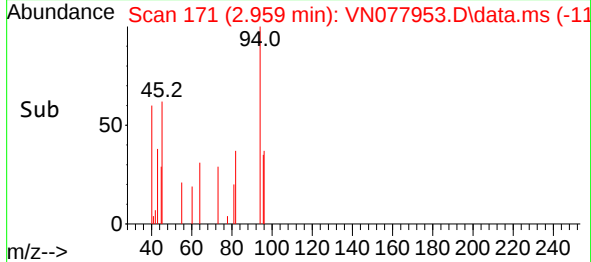
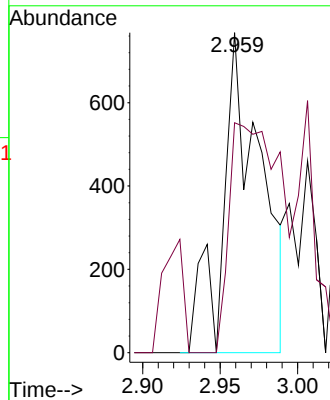
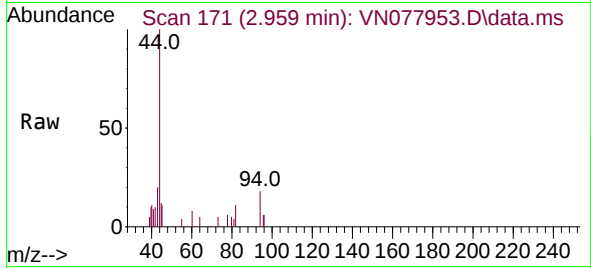




#5
Bromomethane
Concen: 0.329 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

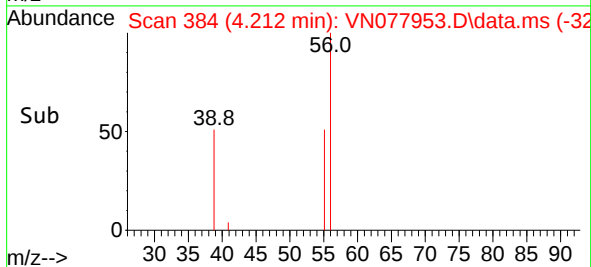
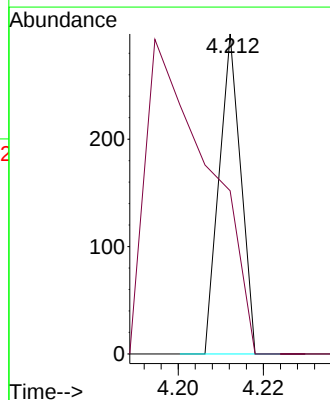
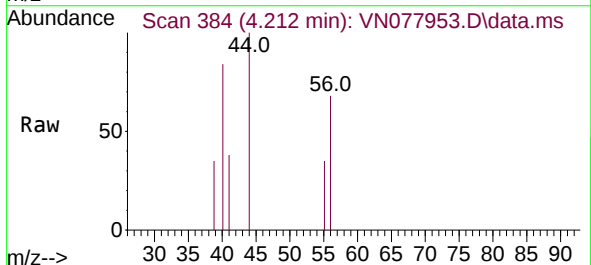
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

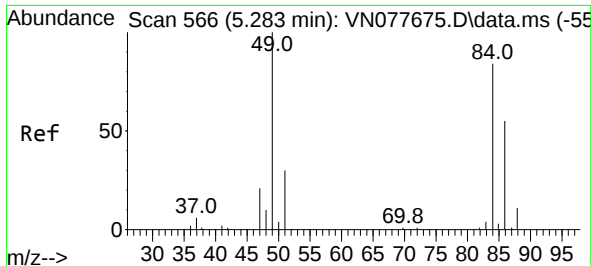
Tgt Ion: 94 Resp: 1310
Ion Ratio Lower Upper
94 100
96 36.5 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 286.7 54.5 81.7#

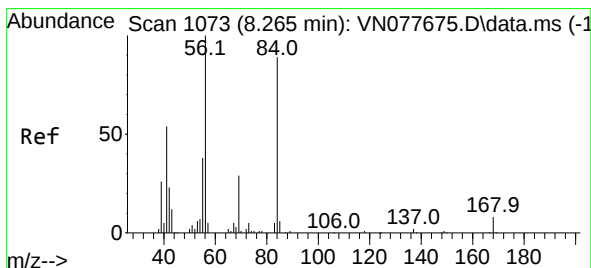
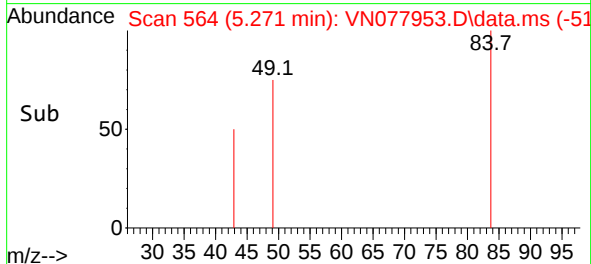
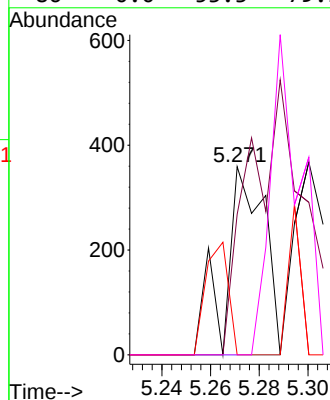
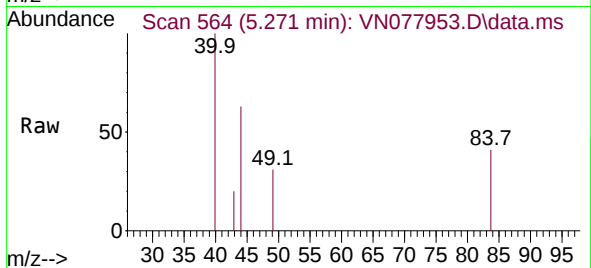




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

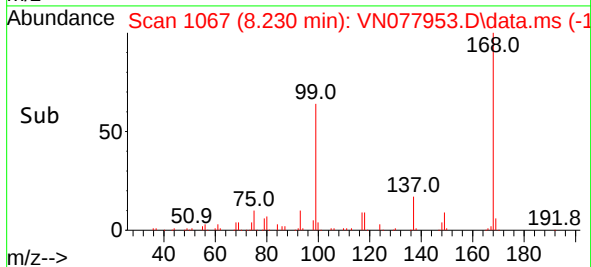
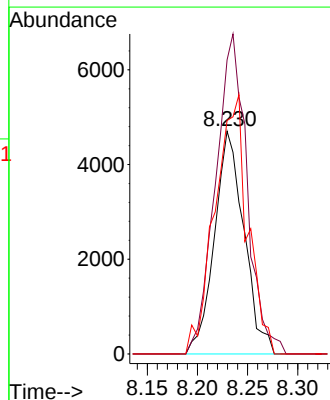
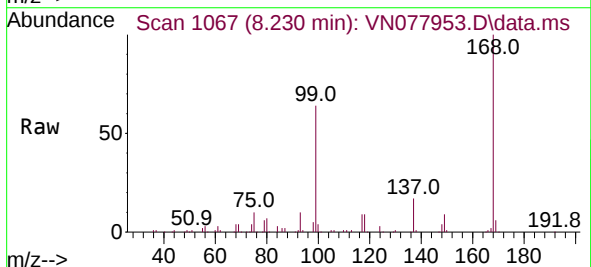
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

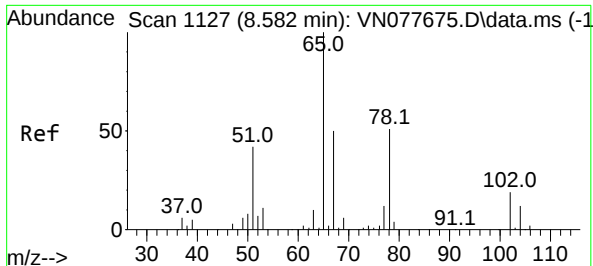
Tgt Ion:	84	Resp:	401
Ion	Ratio	Lower	Upper
84	100		
49	74.7	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

Tgt Ion:	56	Resp:	9627
Ion	Ratio	Lower	Upper
56	100		
69	132.1	26.8	40.2#
84	104.9	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 46.435 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077953.D

Acq: 27 May 2023 03:39

Instrument :

MSVOA_N

ClientSampleId :

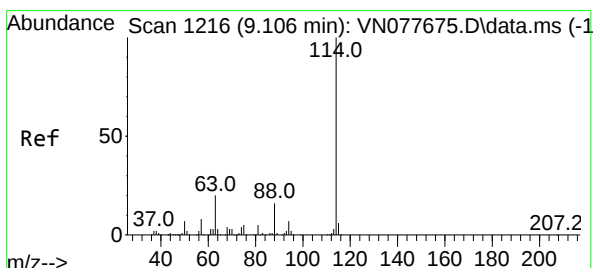
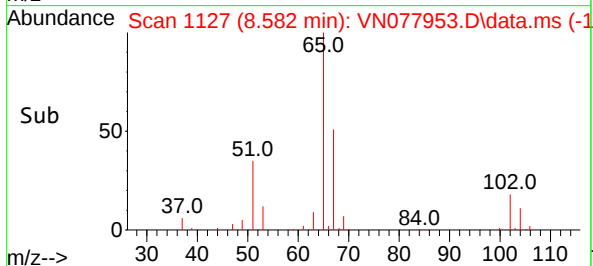
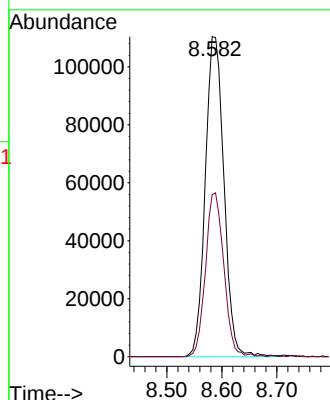
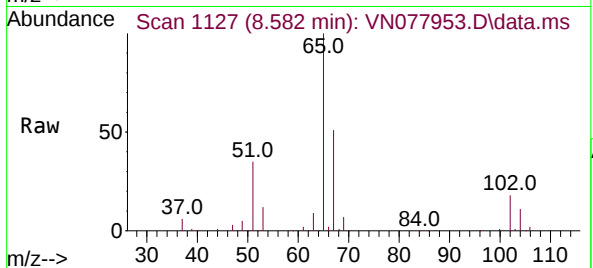
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 260503

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077953.D

Acq: 27 May 2023 03:39

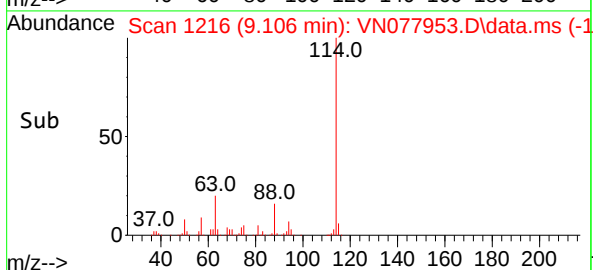
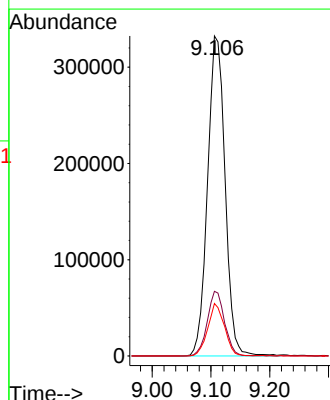
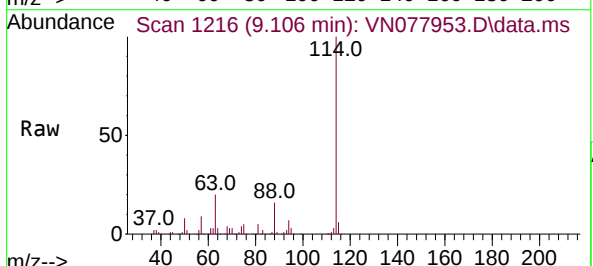
Tgt Ion: 114 Resp: 687758

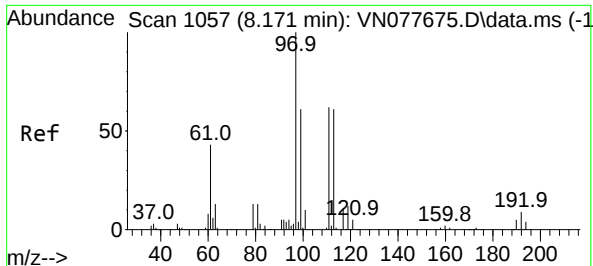
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.236 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077953.D

Acq: 27 May 2023 03:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

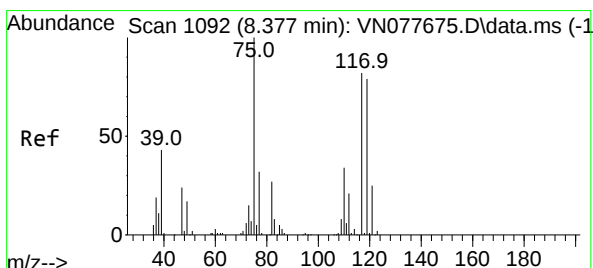
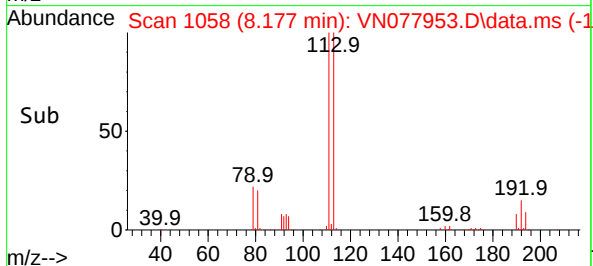
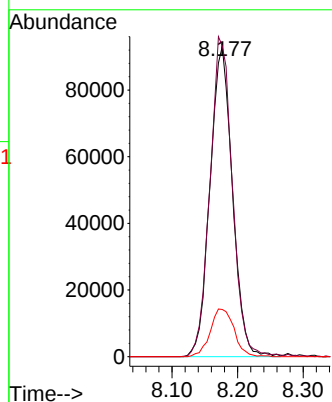
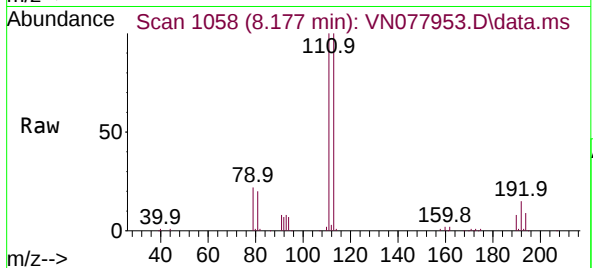
Tgt Ion:113 Resp: 220812

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.980 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077953.D

Acq: 27 May 2023 03:39

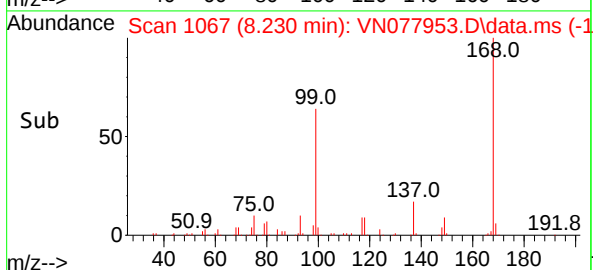
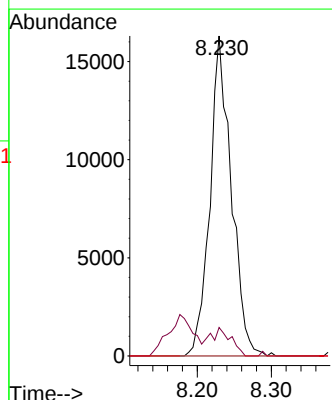
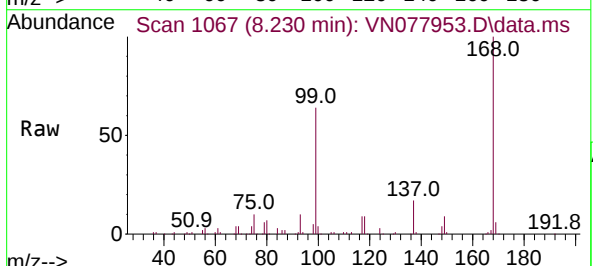
Tgt Ion: 75 Resp: 32665

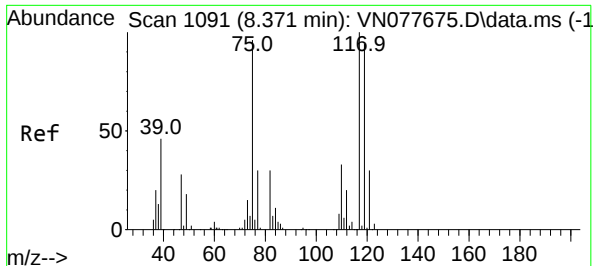
Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

77 0.0 25.0 37.4#

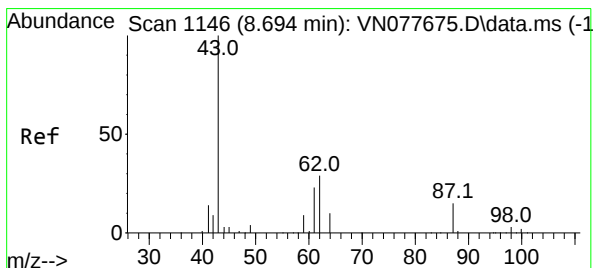
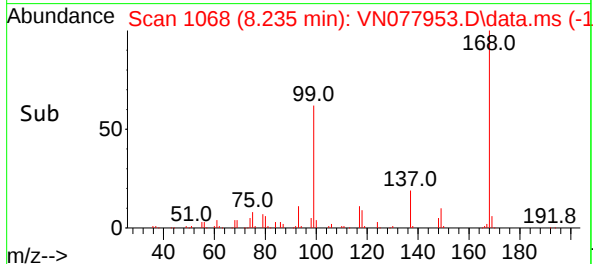
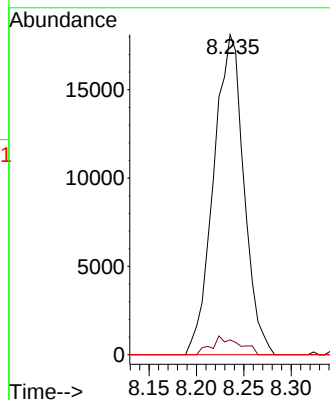
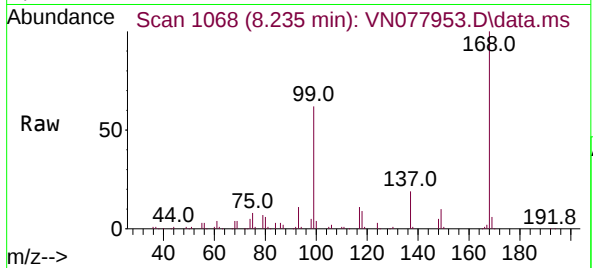




#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 8.235 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

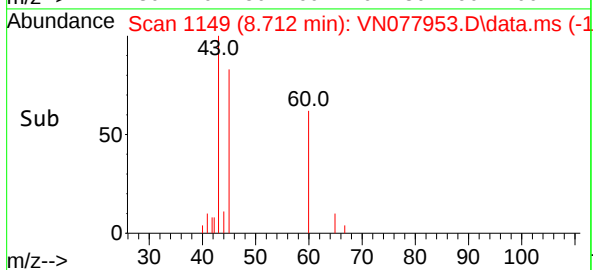
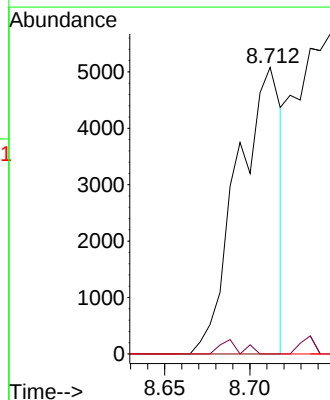
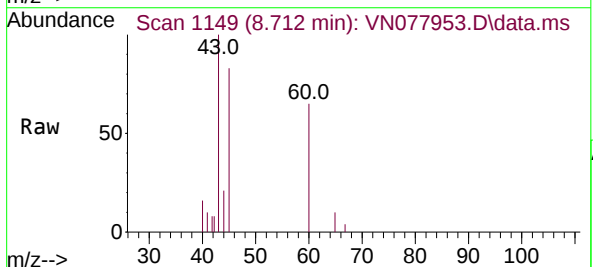
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STORAGE-BLANK-WATER-REF-5

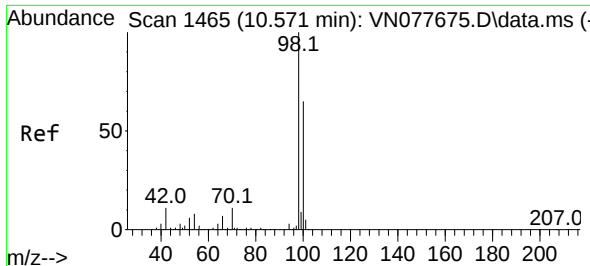
Tgt Ion:117 Resp: 40301
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.954 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

Tgt Ion: 43 Resp: 9111
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

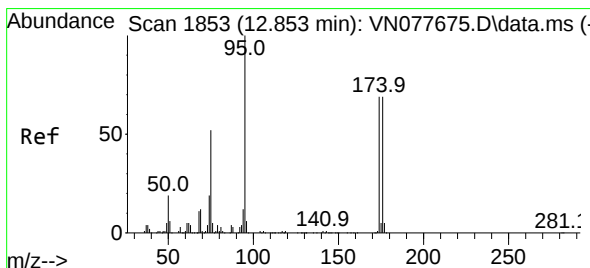
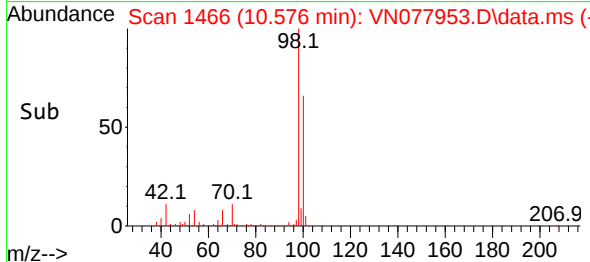
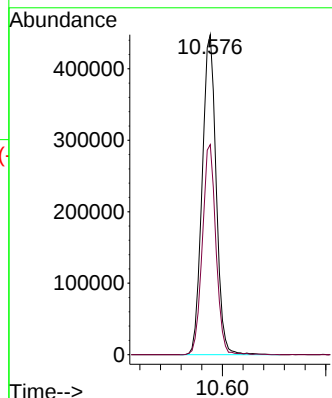
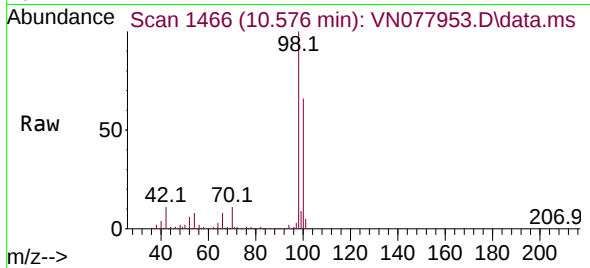




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

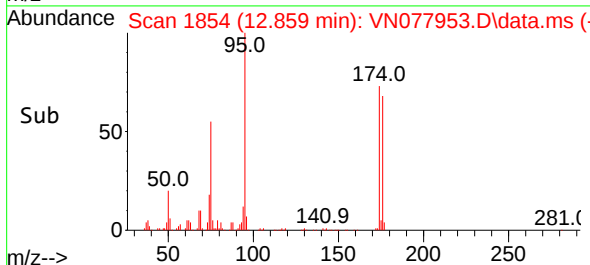
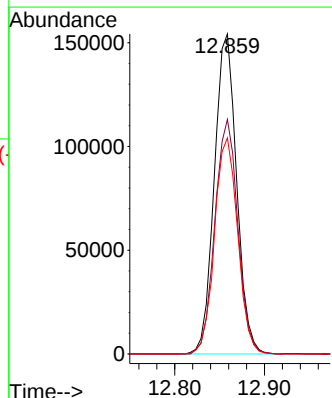
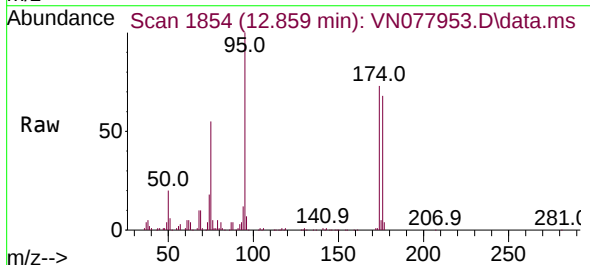
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

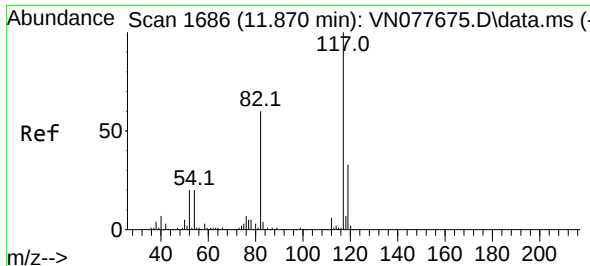
Tgt Ion: 98 Resp: 838937
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.653 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

Tgt Ion: 95 Resp: 266141
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.0 0.0 135.8

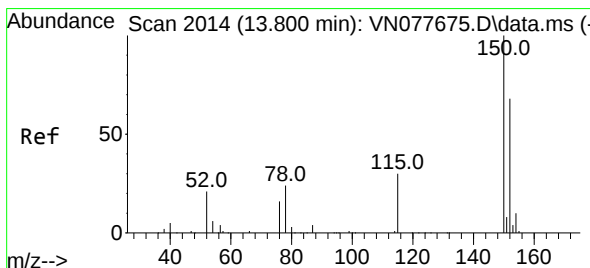
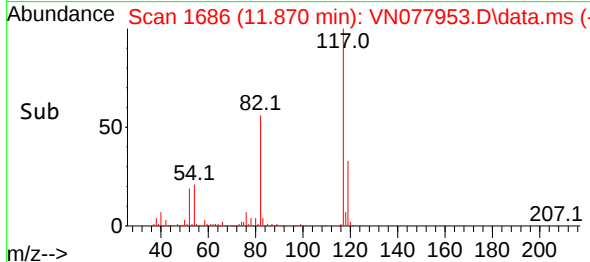
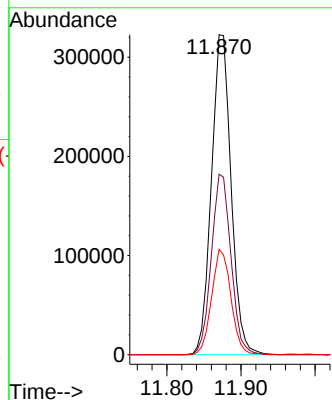
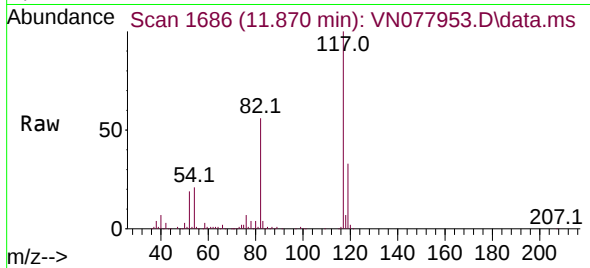




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

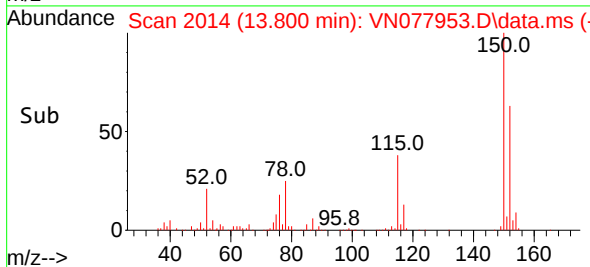
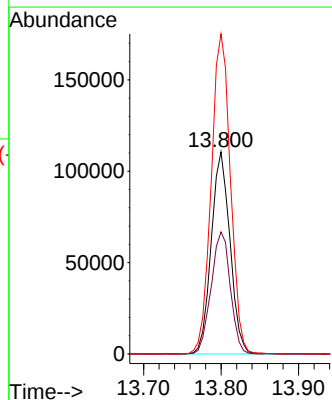
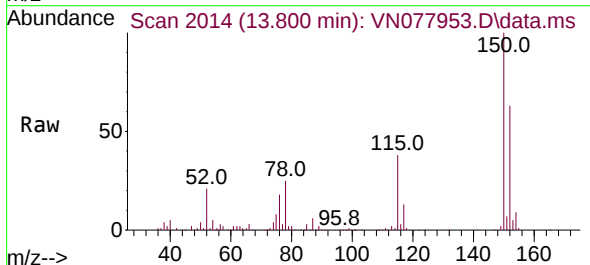
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

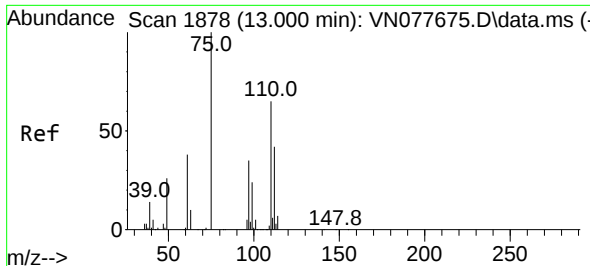
Tgt Ion:117 Resp: 595101
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

Tgt Ion:152 Resp: 185753
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 162.4 0.0 355.8

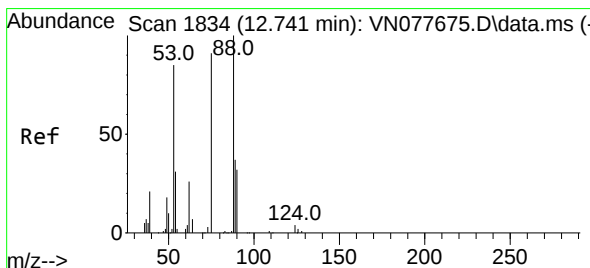
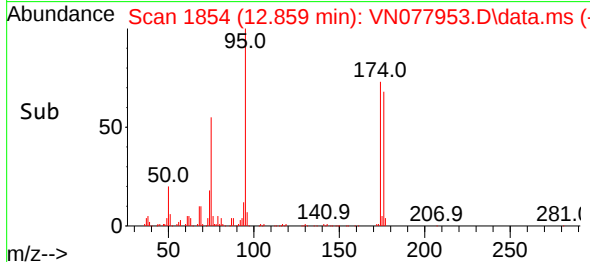
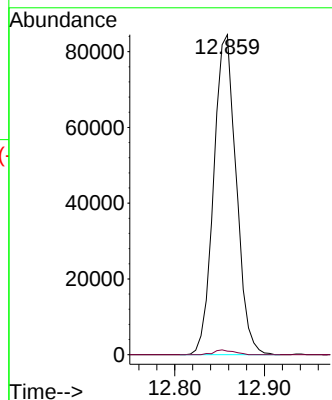
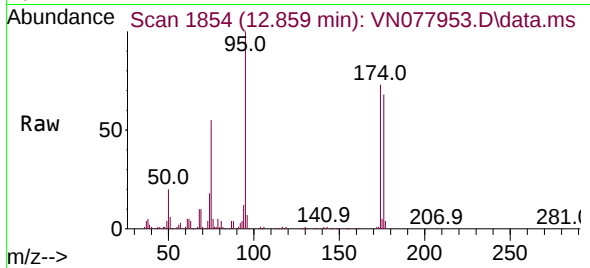




#76
1,2,3-Trichloropropane
Concen: 31.630 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

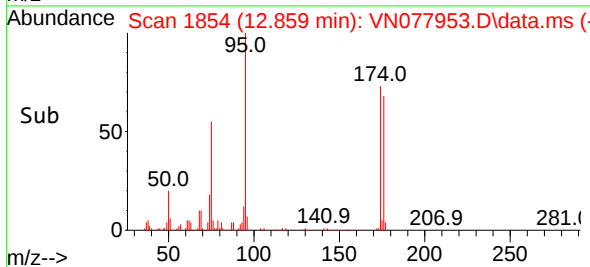
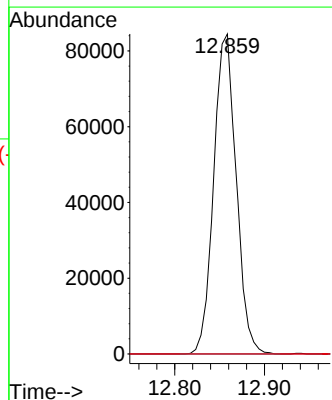
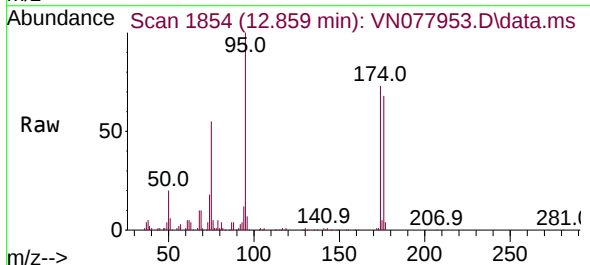
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

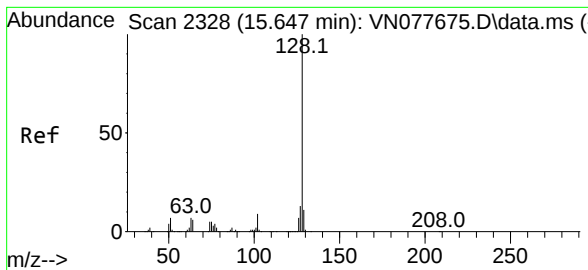
Tgt Ion: 75 Resp: 147139
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.105 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

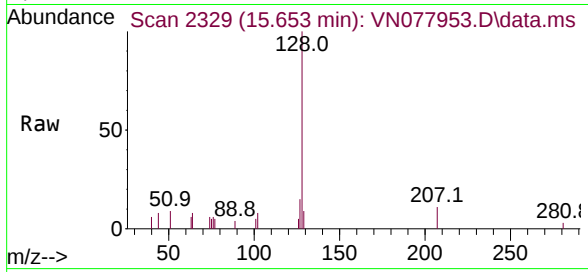
Tgt Ion: 75 Resp: 147139
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 0.745 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077953.D
Acq: 27 May 2023 03:39

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



Tgt Ion:	128	Resp:	9459
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.8	8.7	13.1

