

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072381.D
 Acq On : 09 May 2022 17:09
 Operator : JC\MD
 Sample : N2740-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 10 06:46:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

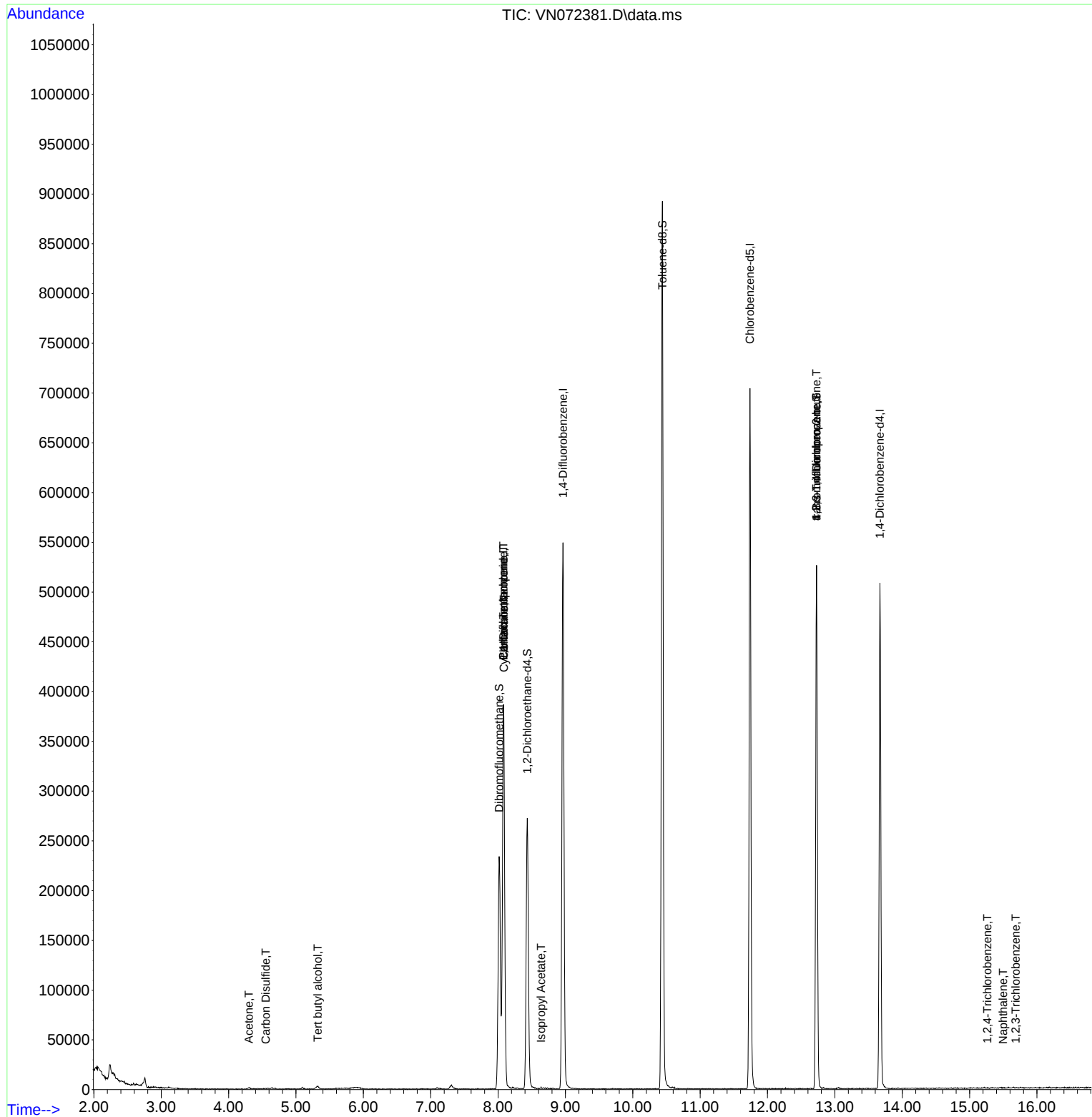
Internal Standards						
1) Pentafluorobenzene	8.080	168	291338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	484271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	408217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	139603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	230780	51.598	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.200%		
35) Dibromofluoromethane	8.016	113	171694	55.392	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 110.780%		
50) Toluene-d8	10.439	98	623139	51.163	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.320%		
62) 4-Bromofluorobenzene	12.727	95	187367	46.348	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 92.700%		
Target Compounds						
						Qvalue
3) Chloromethane	2.310	50	630	Below Cal	#	43
5) Bromomethane	2.851	94	712	Below Cal		92
6) Chloroethane	2.975	64	852	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	2923	3.977	ug/l #	72
16) Acetone	4.298	43	1740	0.902	ug/l #	42
17) Carbon Disulfide	4.551	76	55	0.371	ug/l #	75
31) Cyclohexane	8.086	56	6079	1.017	ug/l #	3
36) 1,1-Dichloropropene	8.080	75	23143	5.130	ug/l #	49
38) Carbon Tetrachloride	8.080	117	29883	6.184	ug/l #	14
43) Isopropyl Acetate	8.639	43	510	0.854	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	100131	31.908	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	100131	82.934	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	59	2.446	ug/l #	43
95) Naphthalene	15.498	128	150	4.318	ug/l #	49
96) 1,2,3-Trichlorobenzene	15.686	180	55	2.698	ug/l #	12

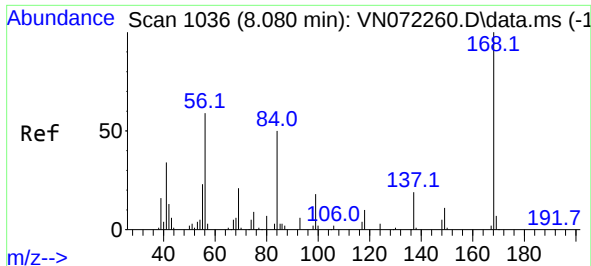
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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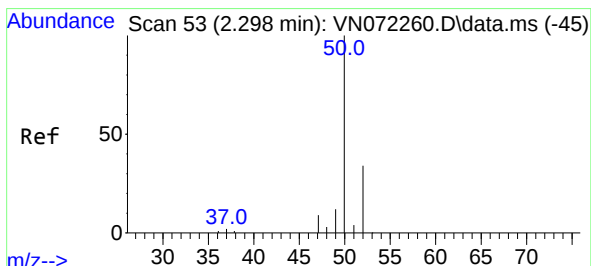
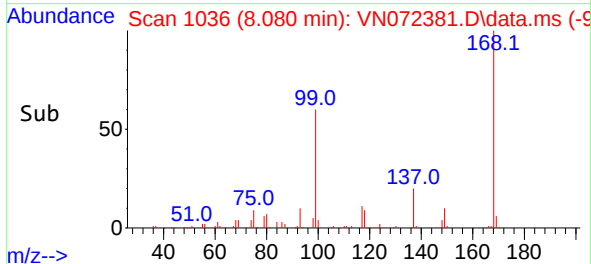
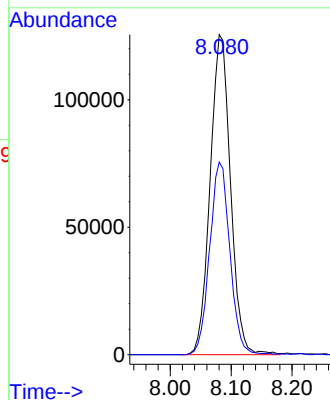
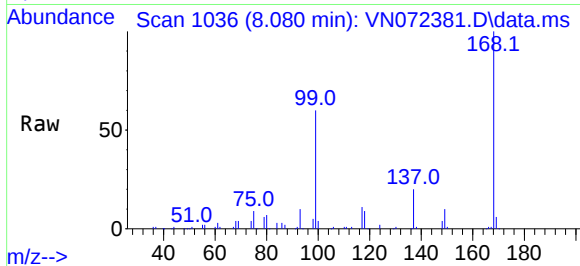




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

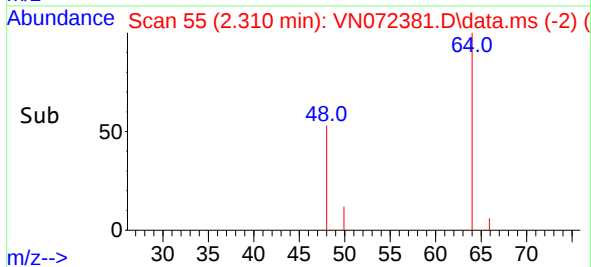
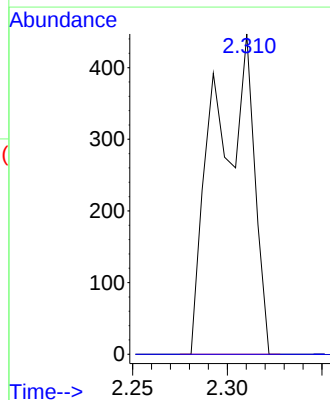
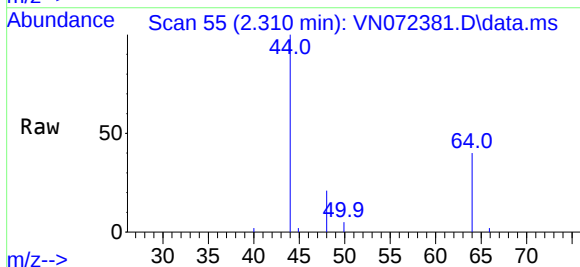
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

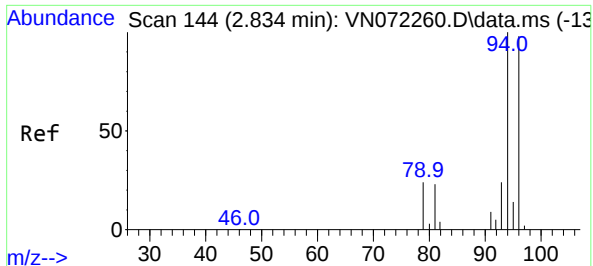
Tgt Ion:168 Resp: 291338
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

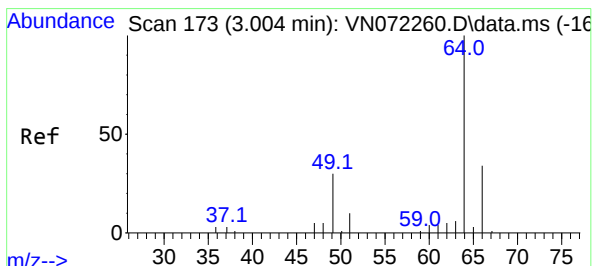
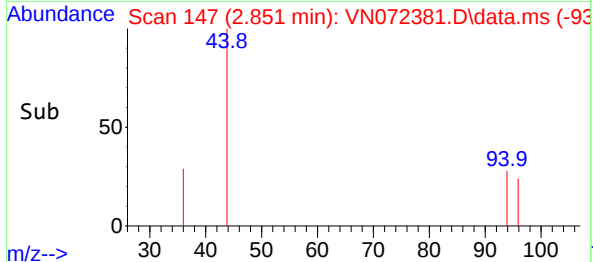
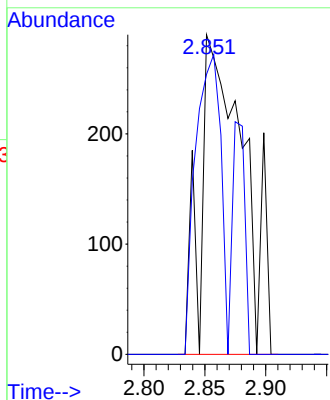
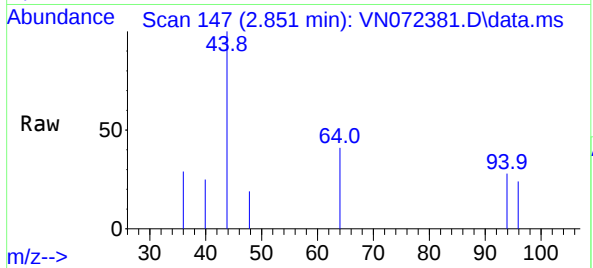




#5
Bromomethane
Concen: Below Cal
RT: 2.851 min Scan# 144
Delta R.T. 0.017 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

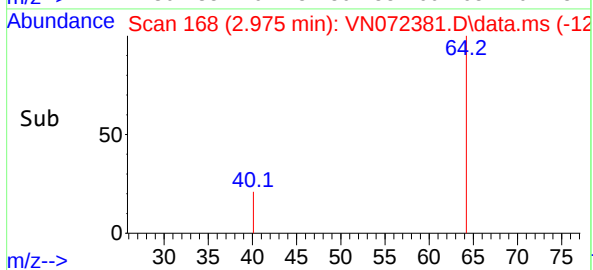
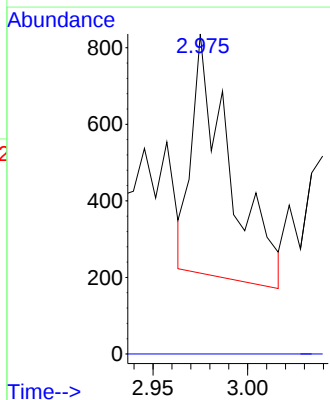
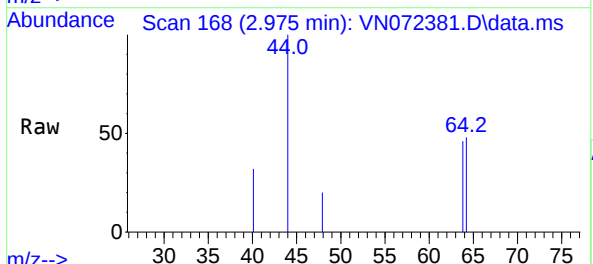
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

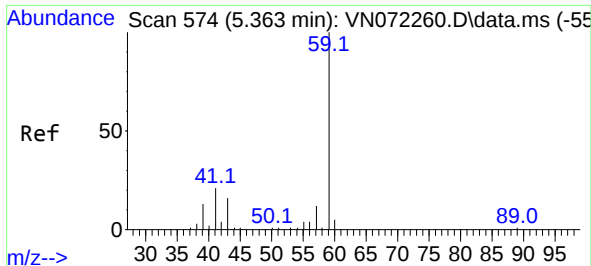
Tgt Ion: 94 Resp: 712
Ion Ratio Lower Upper
94 100
96 87.6 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 168
Delta R.T. -0.030 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 64 Resp: 852
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 3.977 ug/l

RT: 5.322 min Scan# 5

Delta R.T. -0.041 min

Lab File: VN072381.D

Acq: 09 May 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

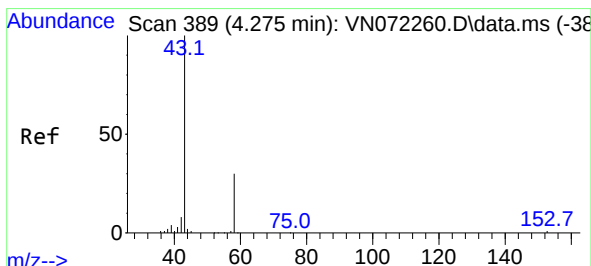
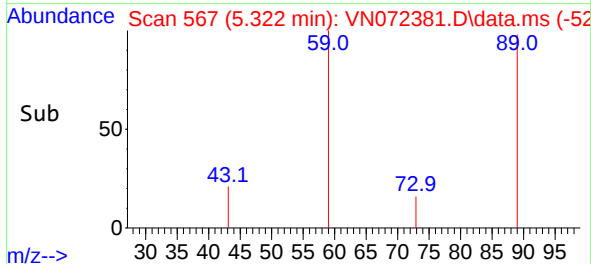
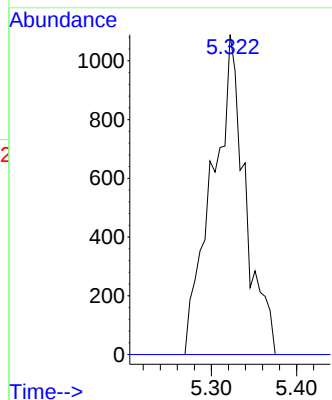
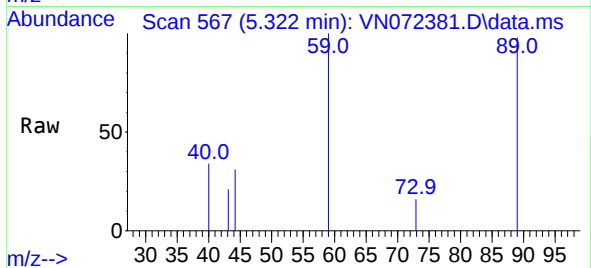
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 2923

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.902 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.017 min

Lab File: VN072381.D

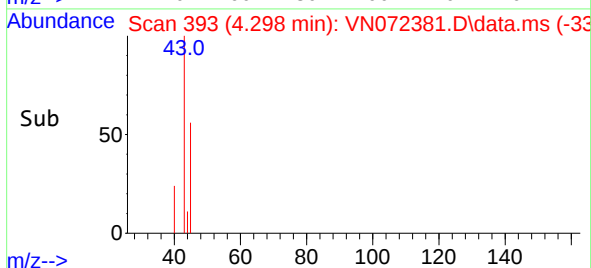
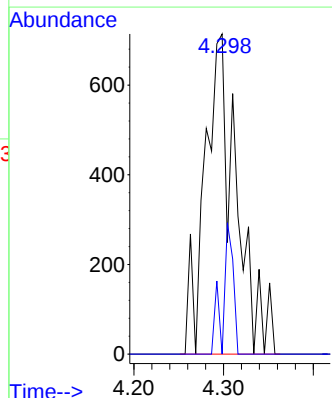
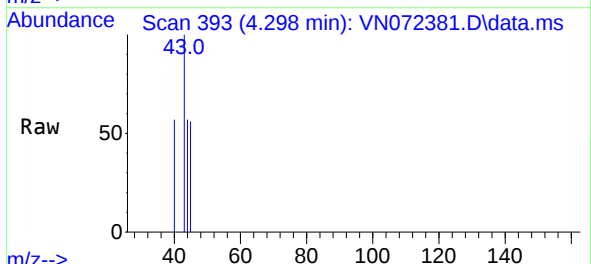
Acq: 09 May 2022 17:09

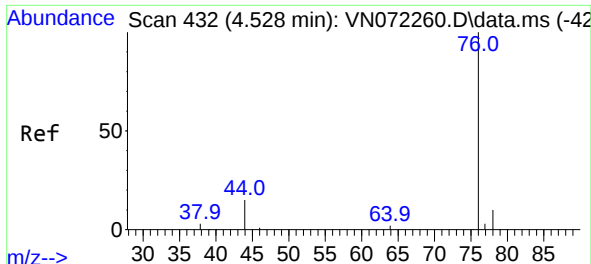
Tgt Ion: 43 Resp: 1740

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#

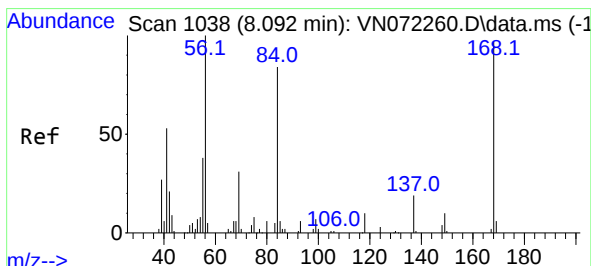
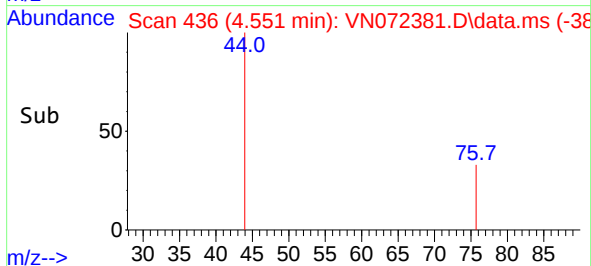
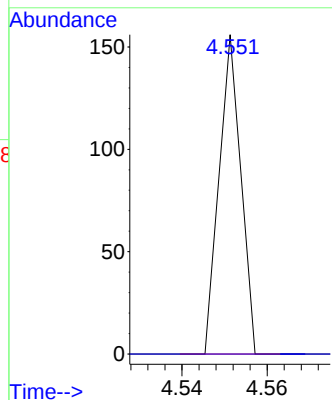
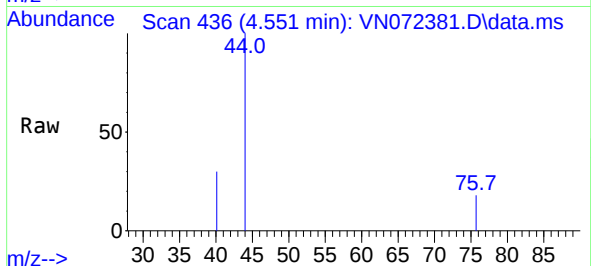




#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 4.551 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

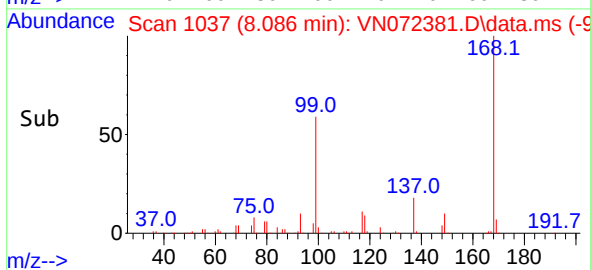
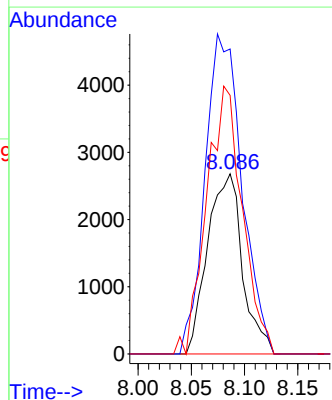
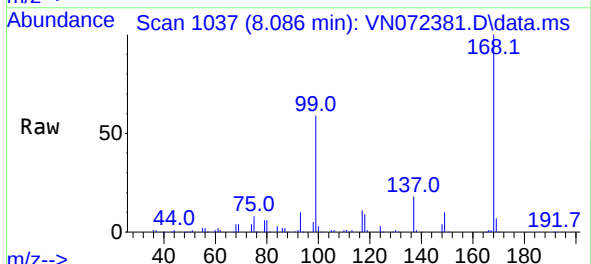
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

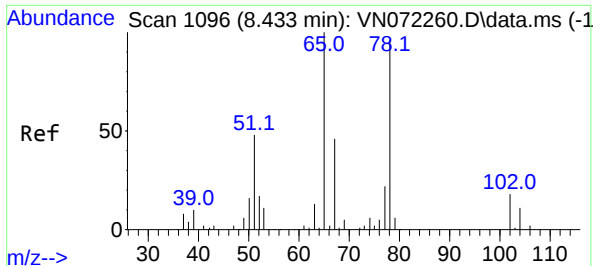
Tgt Ion: 76 Resp: 55
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 56 Resp: 6079
Ion Ratio Lower Upper
56 100
69 169.2 27.8 41.8#
84 143.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 51.598 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072381.D

Acq: 09 May 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

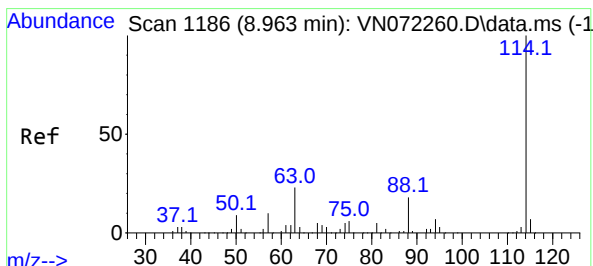
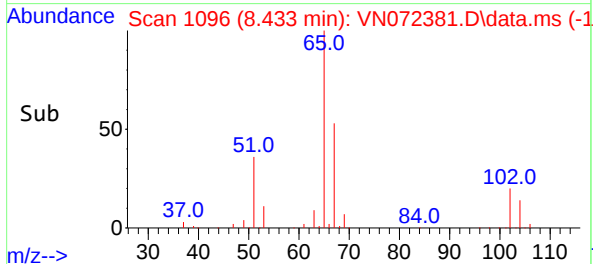
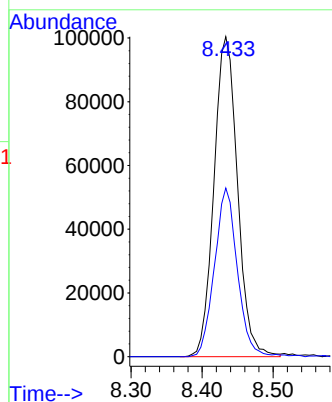
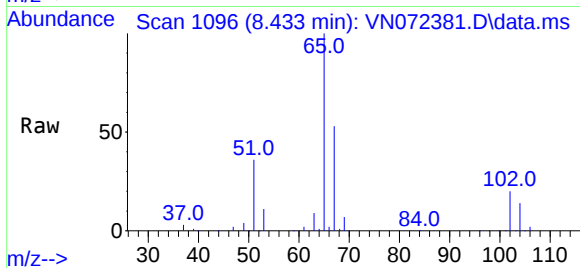
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 230780

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072381.D

Acq: 09 May 2022 17:09

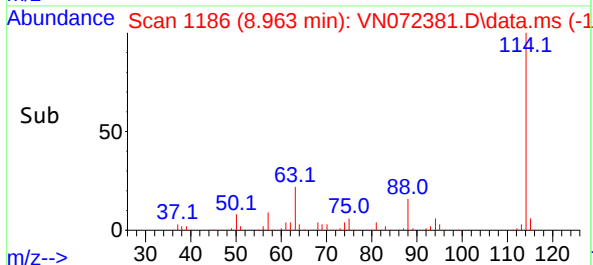
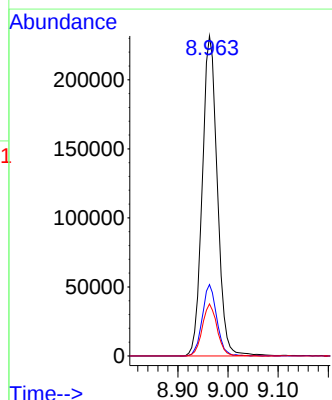
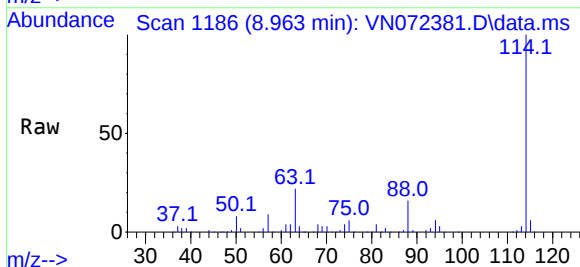
Tgt Ion: 114 Resp: 484271

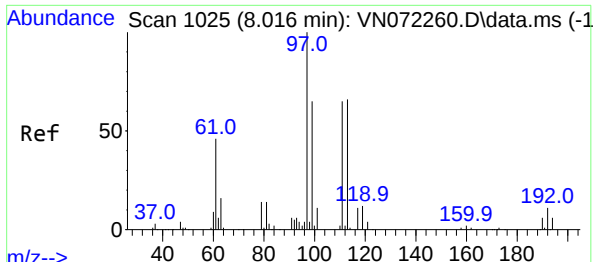
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 16.3 0.0 32.6

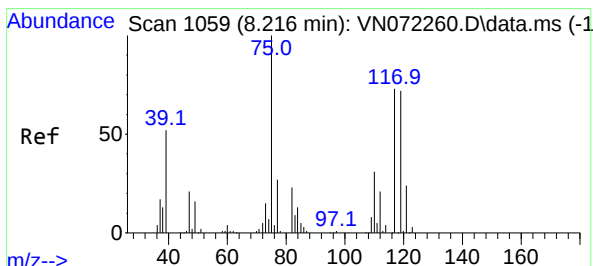
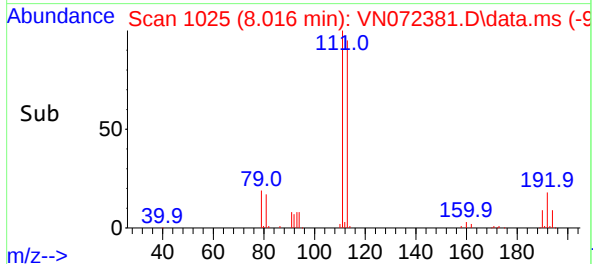
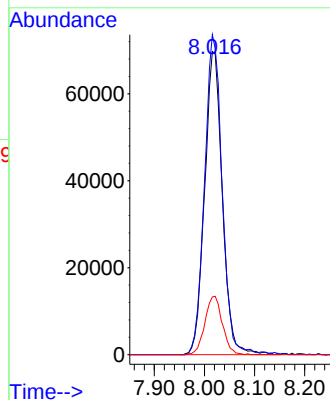
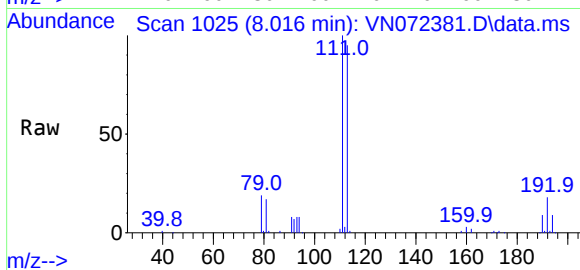




#35
Dibromofluoromethane
Concen: 55.392 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

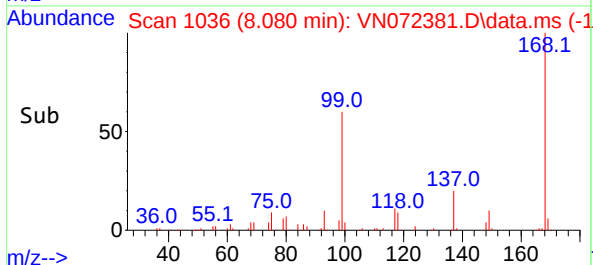
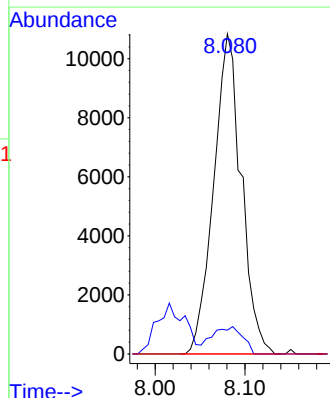
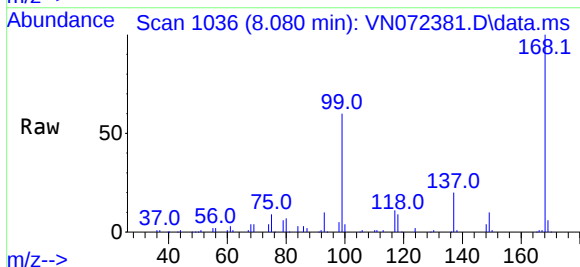
Instrument : MSVOA_N
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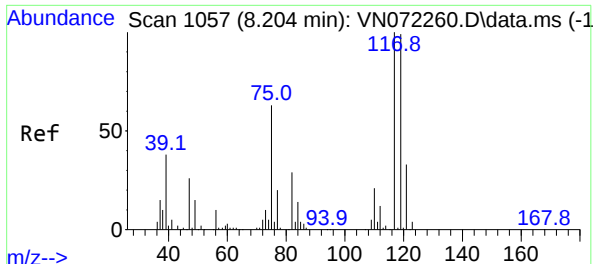
Tgt Ion:113 Resp: 171694
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 18.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 75 Resp: 23143
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#

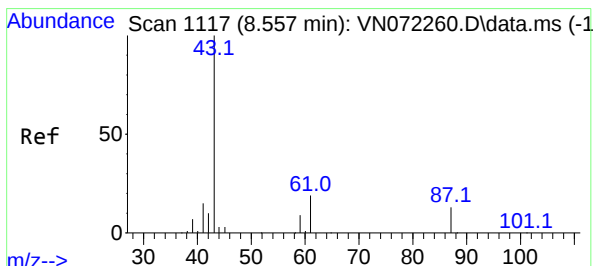
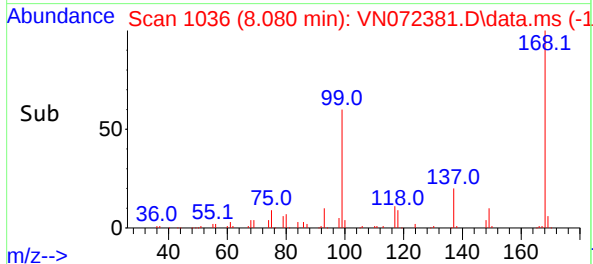
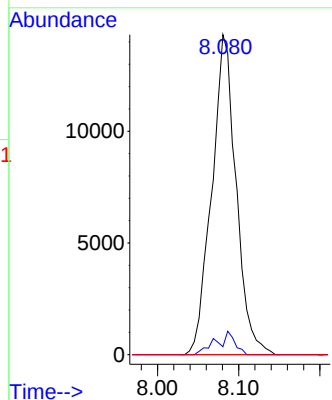
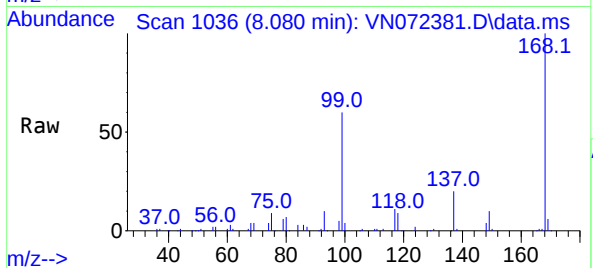




#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 8.080 min Scan# 110
Delta R.T. -0.124 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

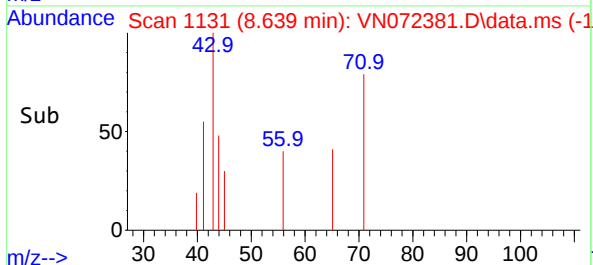
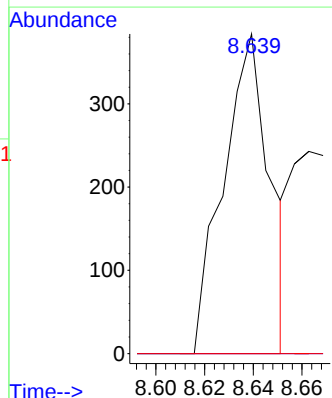
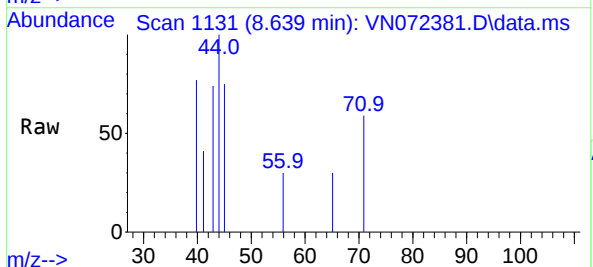
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

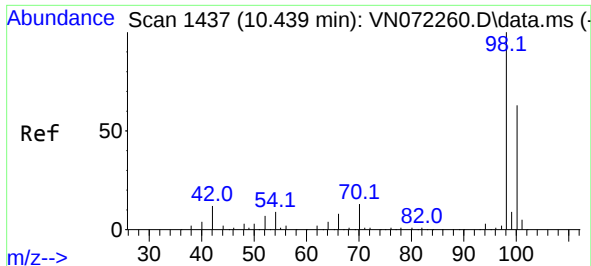
Tgt Ion: 117 Resp: 29883
Ion Ratio Lower Upper
117 100
119 2.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.854 ug/l
RT: 8.639 min Scan# 1131
Delta R.T. 0.082 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

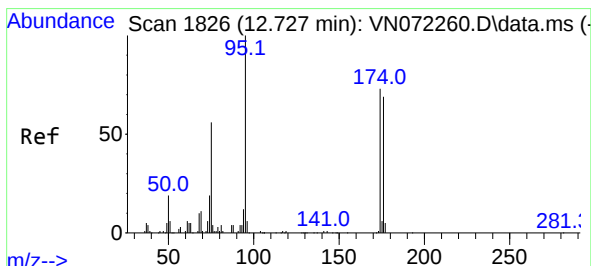
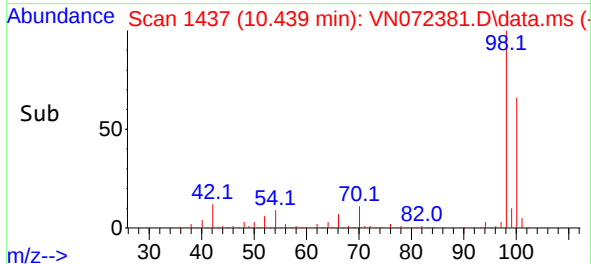
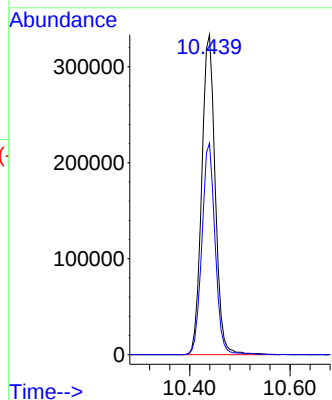
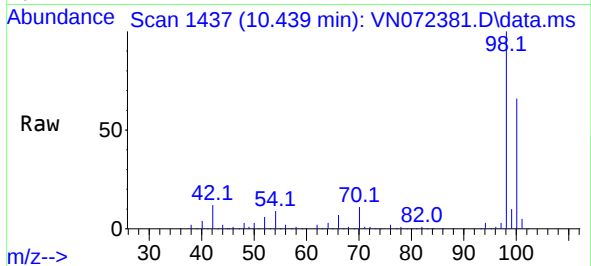




#50
Toluene-d8
Concen: 51.163 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

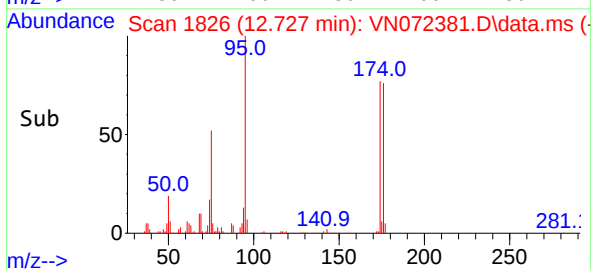
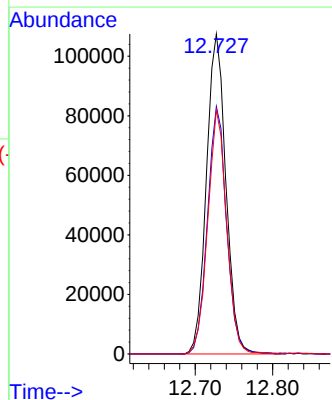
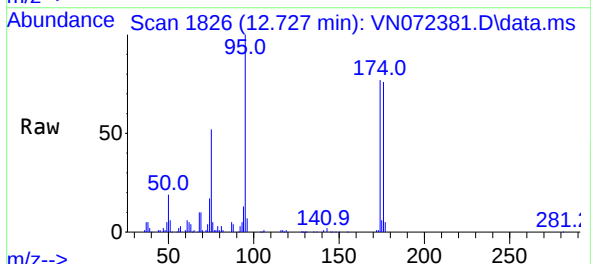
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

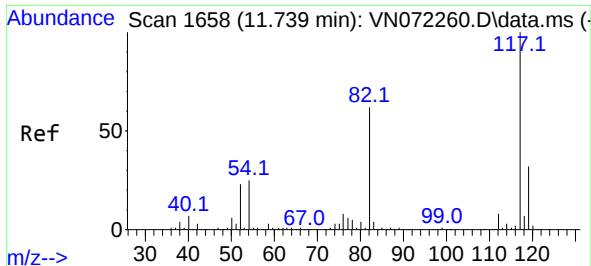
Tgt Ion: 98 Resp: 623139
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.348 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 95 Resp: 187367
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 73.8 0.0 163.4

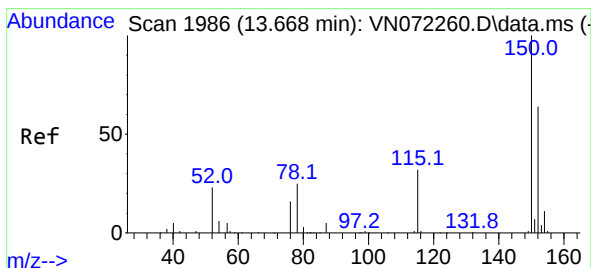
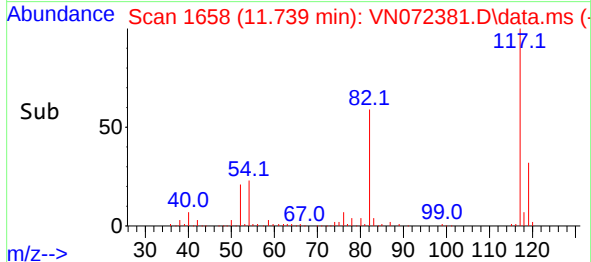
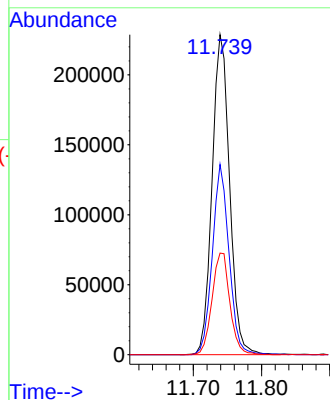
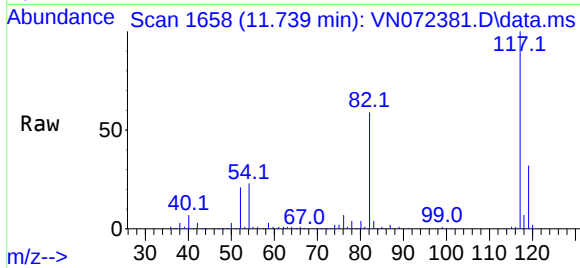




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

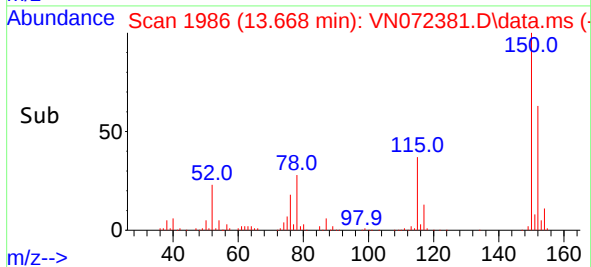
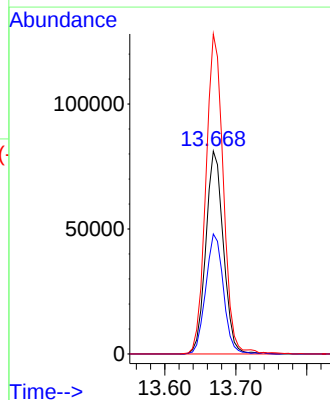
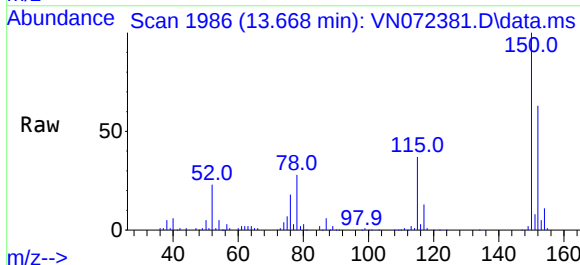
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

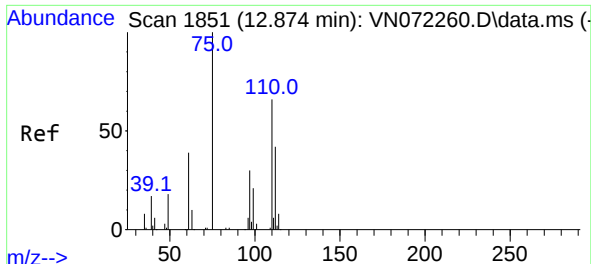
Tgt Ion:117 Resp: 408217
Ion Ratio Lower Upper
117 100
82 59.5 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion:152 Resp: 139603
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 156.7 0.0 356.2

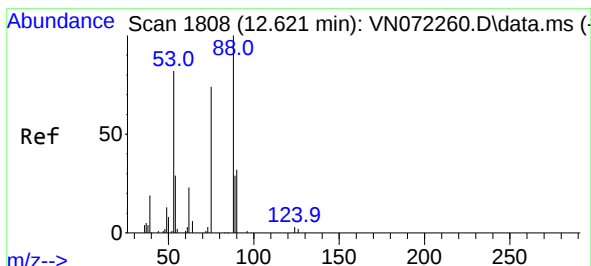
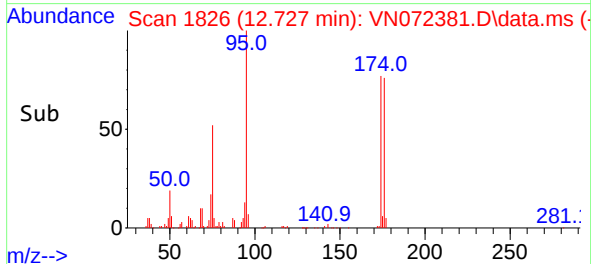
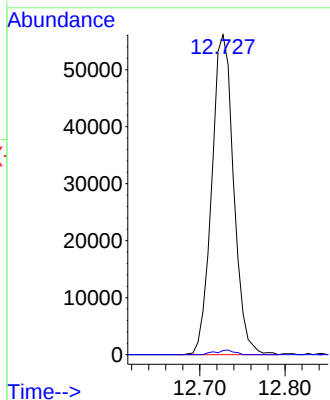
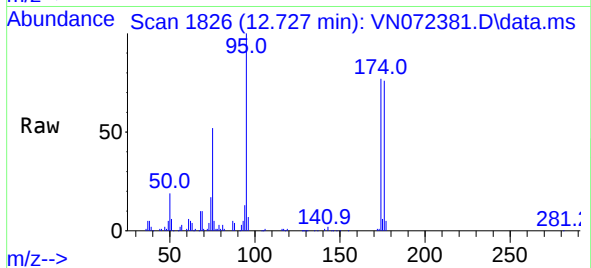




#76
1,2,3-Trichloropropane
Concen: 31.908 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

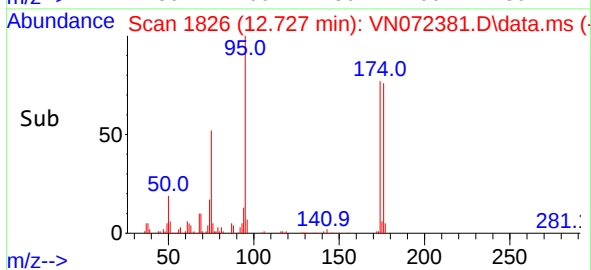
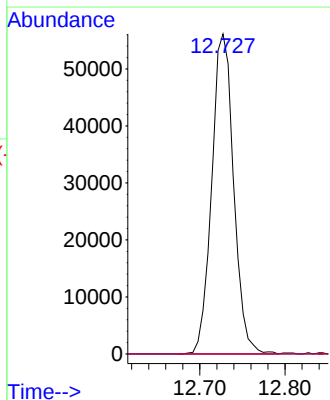
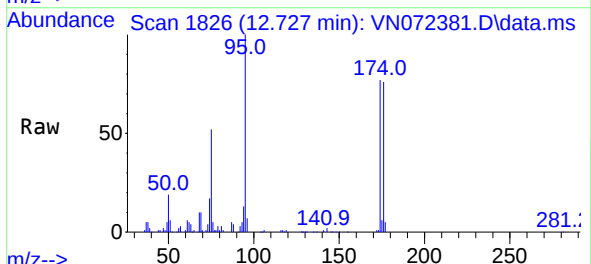
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

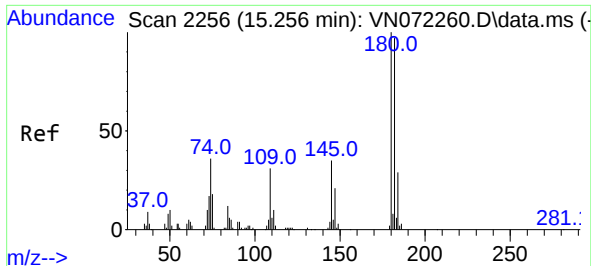
Tgt Ion: 75 Resp: 100131
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.934 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

Tgt Ion: 75 Resp: 100131
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

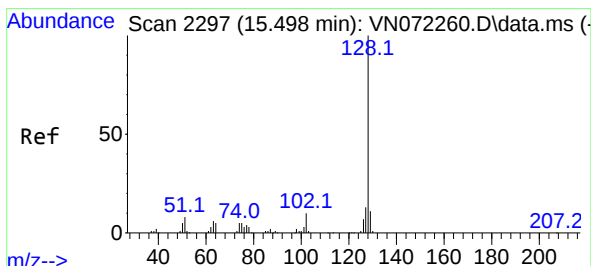
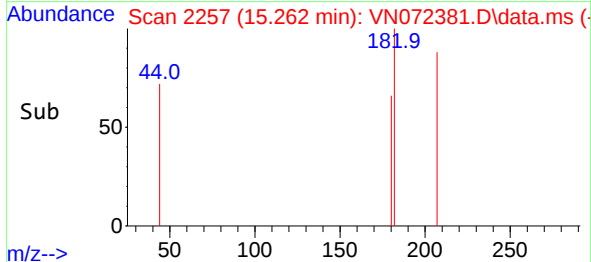
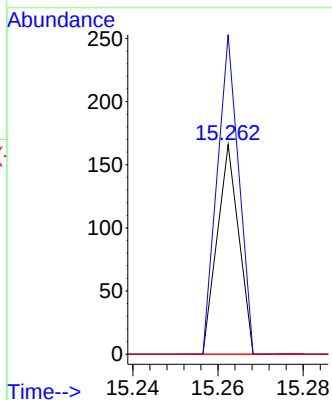
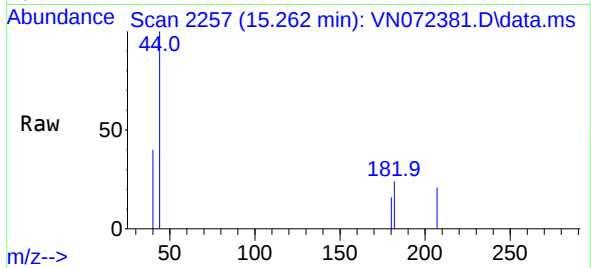




#93
1,2,4-Trichlorobenzene
Concen: 2.446 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

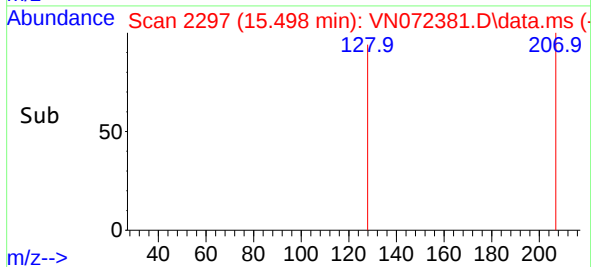
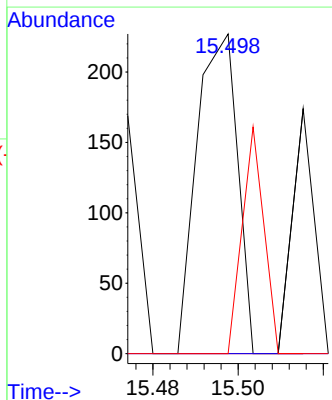
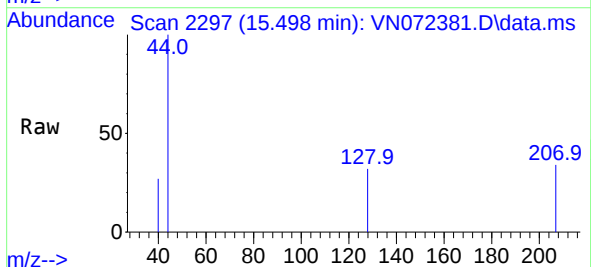
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

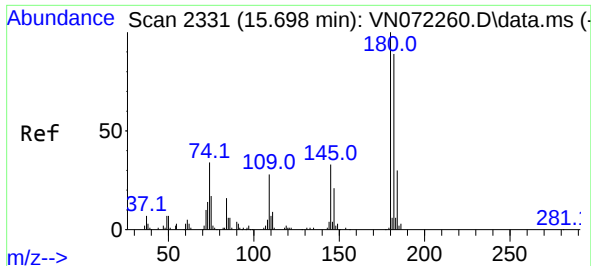
Tgt Ion:180 Resp: 59
Ion Ratio Lower Upper
180 100
182 150.8 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.318 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072381.D
Acq: 09 May 2022 17:09

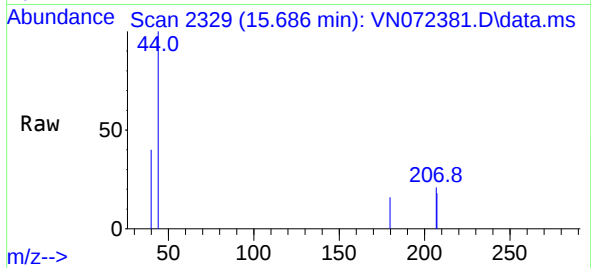
Tgt Ion:128 Resp: 150
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 38.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.698 ug/l
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072381.D
 Acq: 09 May 2022 17:09

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



Tgt Ion:180 Resp: 55
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 0.0 15.5 46.5#

