

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072378.D
 Acq On : 09 May 2022 14:45
 Operator : JC\MD
 Sample : N2740-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 10 06:45:54 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)

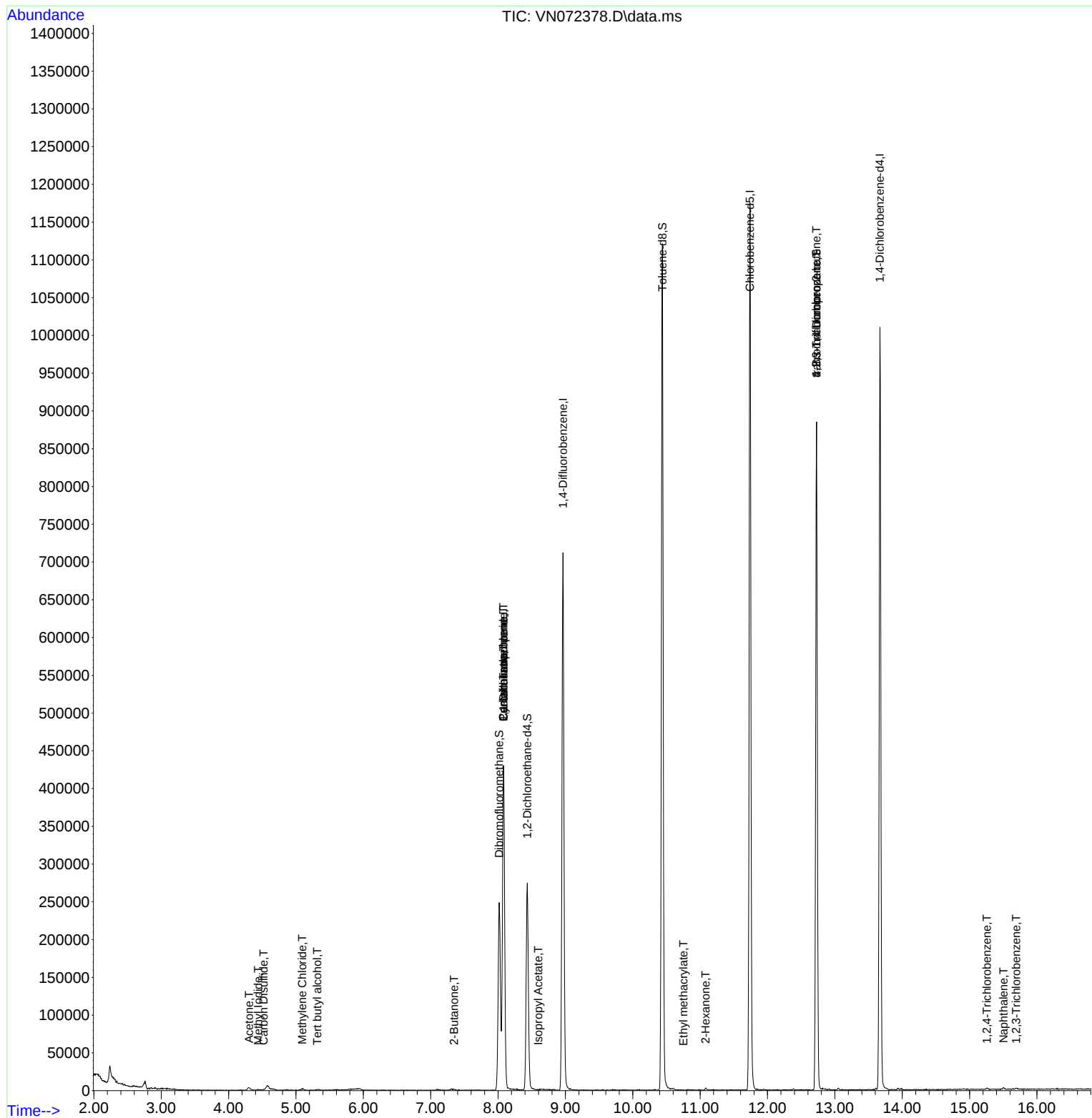
Internal Standards						
1) Pentafluorobenzene	8.080	168	319445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	609571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	674726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	271287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	229989	46.896	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.800%		
35) Dibromofluoromethane	8.016	113	184301	47.237	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.480%		
50) Toluene-d8	10.439	98	776805	50.669	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.340%		
62) 4-Bromofluorobenzene	12.727	95	313545	61.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	123.240%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2070	Below Cal	#	75
5) Bromomethane	2.857	94	689	Below Cal	#	58
6) Chloroethane	2.987	64	237	Below Cal	#	42
10) Methyl Iodide	4.440	142	1207	0.301	ug/l #	80
11) Tert butyl alcohol	5.316	59	445	0.552	ug/l #	72
16) Acetone	4.304	43	5158	2.439	ug/l #	87
17) Carbon Disulfide	4.522	76	291	0.403	ug/l #	75
20) Methylene Chloride	5.092	84	1519	0.375	ug/l #	66
25) 2-Butanone	7.345	43	2104	0.625	ug/l	93
31) Cyclohexane	8.080	56	7434	1.134	ug/l #	42
36) 1,1-Dichloropropene	8.080	75	25541	4.497	ug/l #	42
38) Carbon Tetrachloride	8.080	117	33222	5.462	ug/l #	18
43) Isopropyl Acetate	8.598	43	200	0.818	ug/l #	53
56) Ethyl methacrylate	10.751	69	63	2.373	ug/l #	28
59) 2-Hexanone	11.080	43	2143	0.427	ug/l	72
75) 1,1,2,2-Tetrachloroethane	12.815	83	337	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	161803	26.524	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	161803	68.963	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	775	2.596	ug/l	76
95) Naphthalene	15.504	128	2960	4.492	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.692	180	999	2.901	ug/l #	88

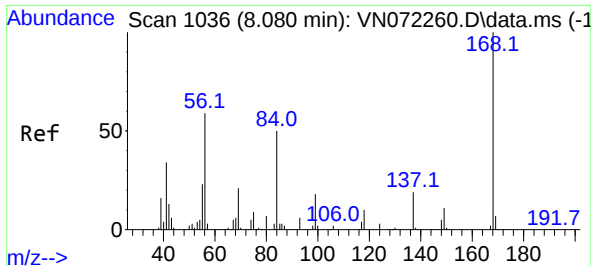
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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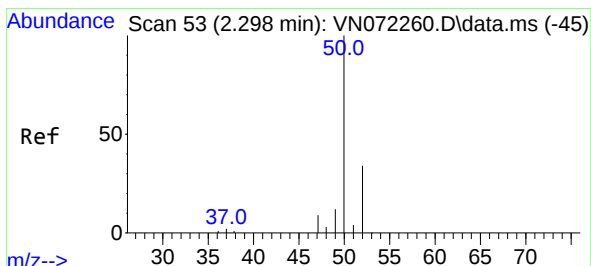
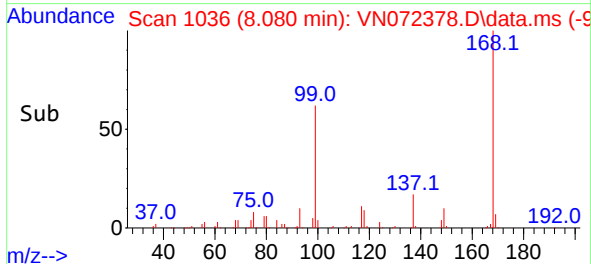
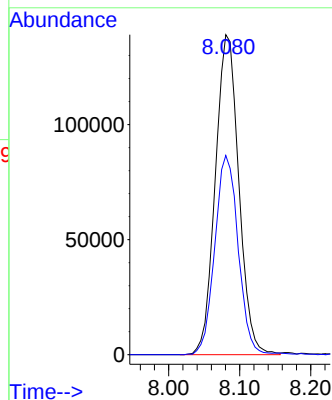
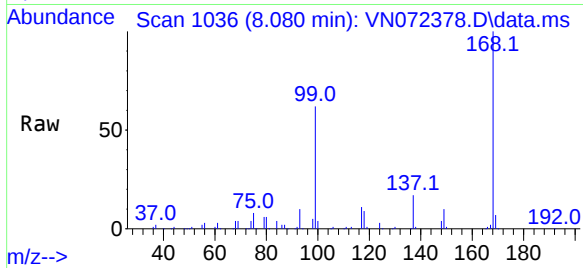




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

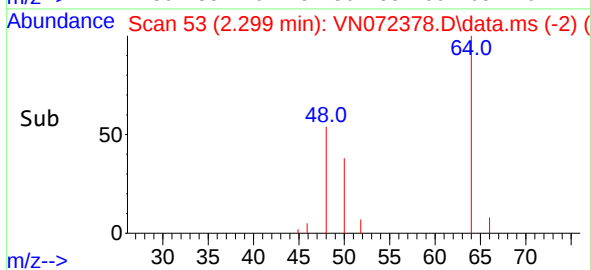
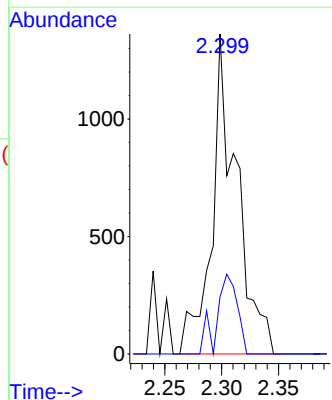
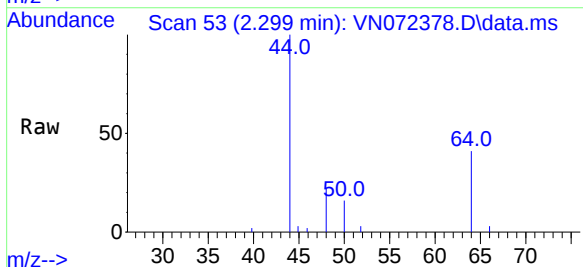
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

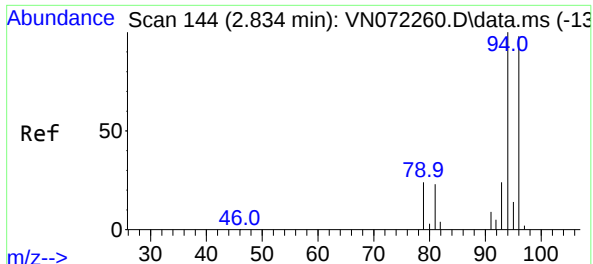
Tgt Ion:168 Resp: 319445
Ion Ratio Lower Upper
168 100
99 62.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 50 Resp: 2070
Ion Ratio Lower Upper
50 100
52 17.9 25.7 38.5#

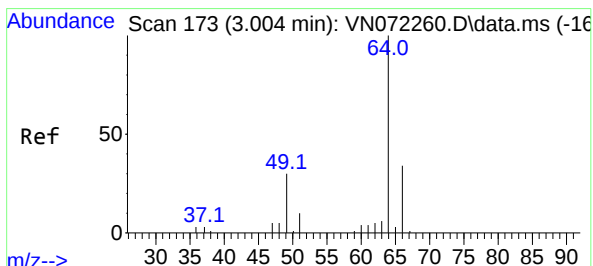
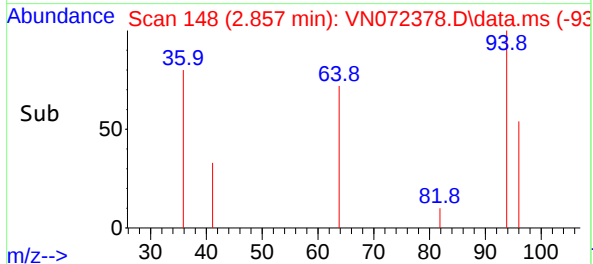
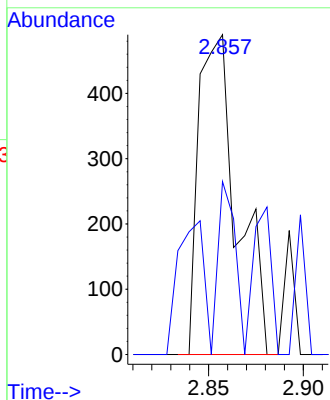
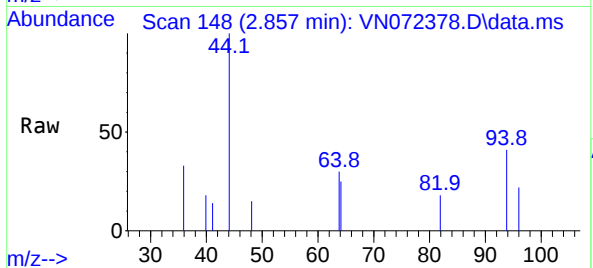




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 14
Delta R.T. 0.023 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

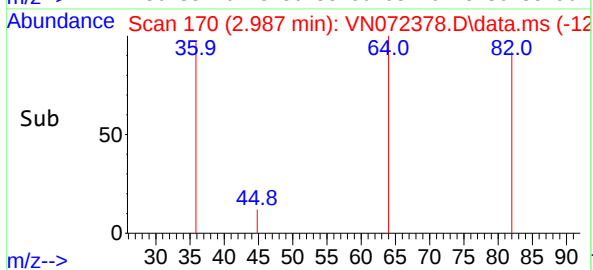
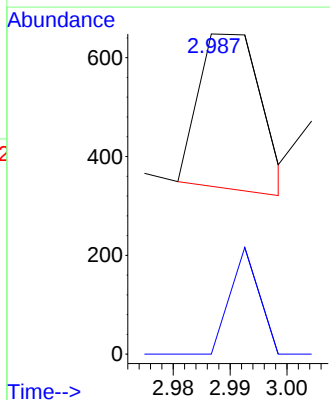
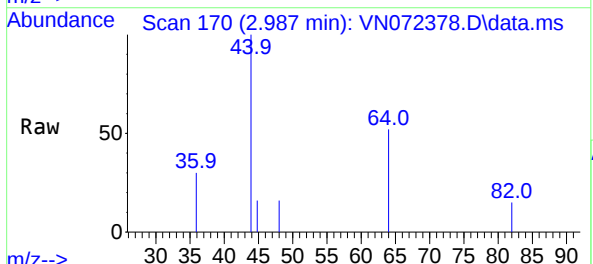
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

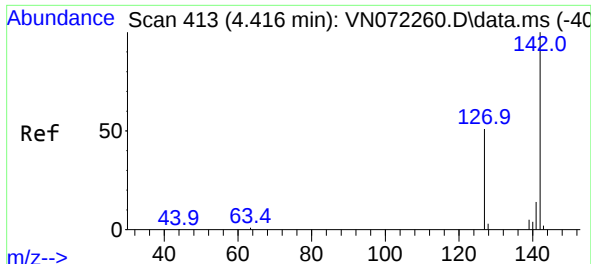
Tgt Ion: 94 Resp: 689
Ion Ratio Lower Upper
94 100
96 54.1 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 170
Delta R.T. -0.018 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

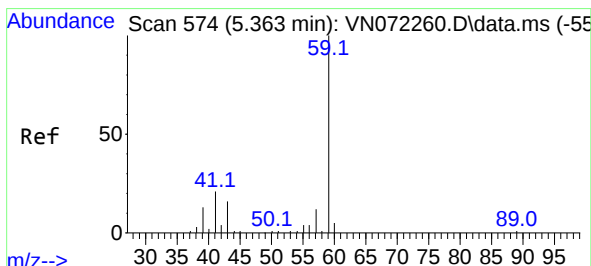
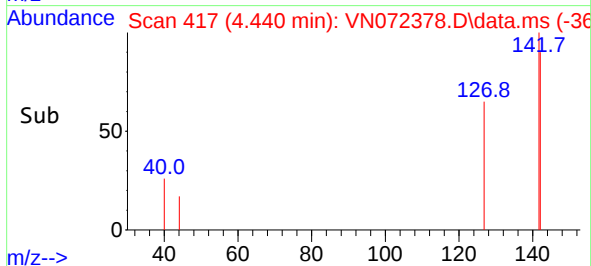
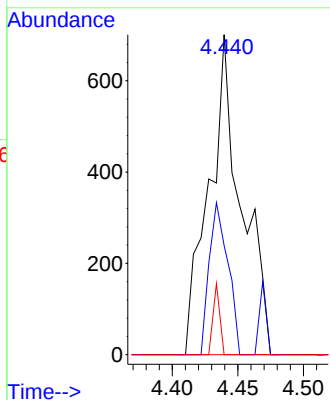
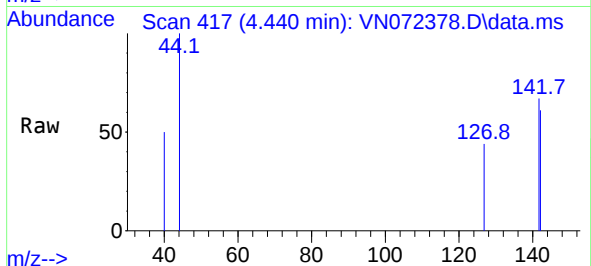




#10
Methyl Iodide
Concen: 0.301 ug/l
RT: 4.440 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

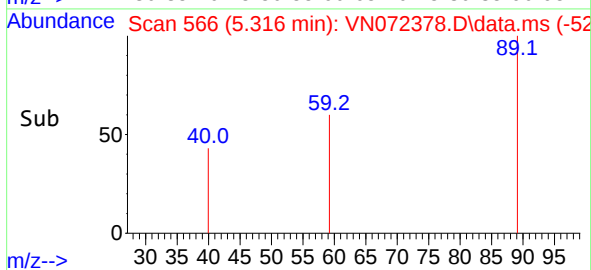
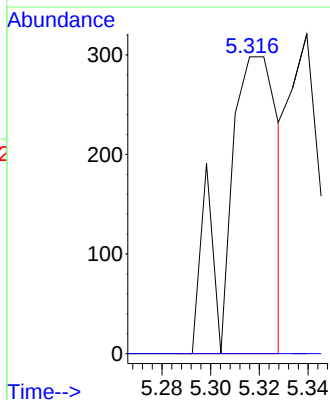
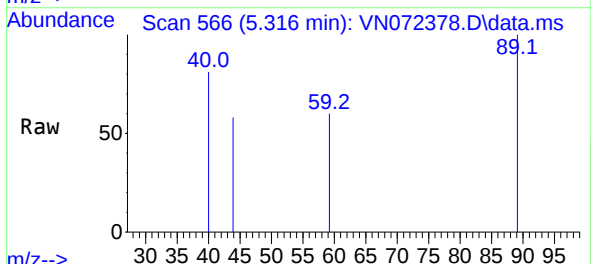
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

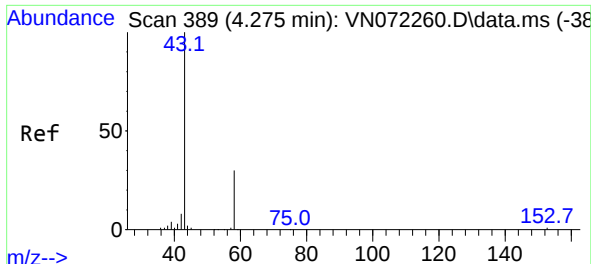
Tgt Ion:142 Resp: 1207
Ion Ratio Lower Upper
142 100
127 27.3 31.3 46.9#
141 4.6 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.552 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.047 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

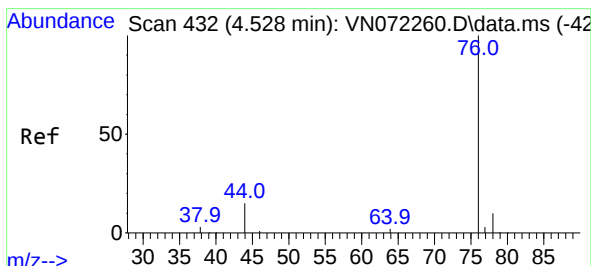
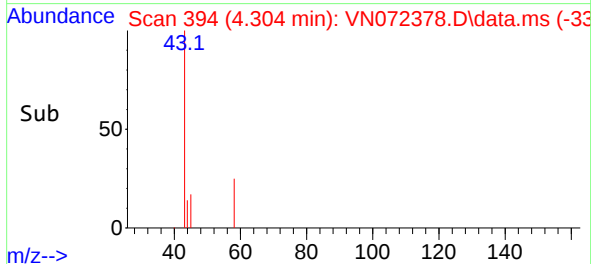
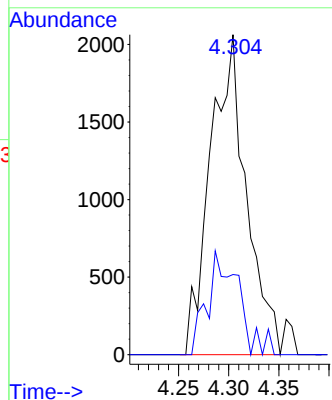
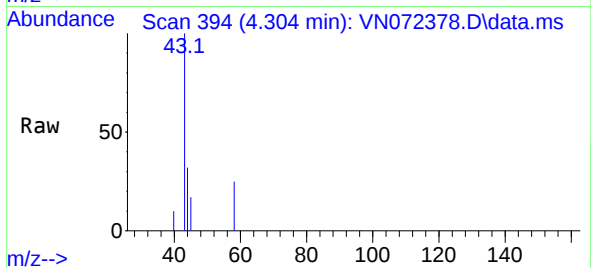




#16
Acetone
Concen: 2.439 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

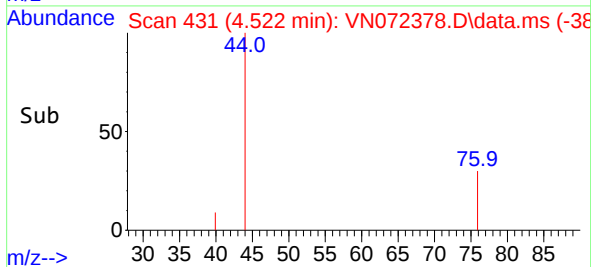
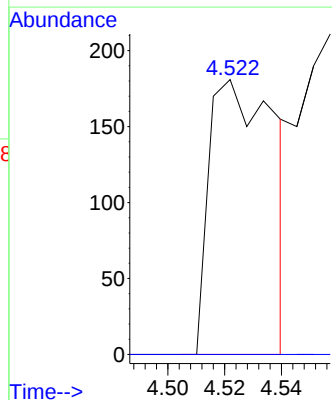
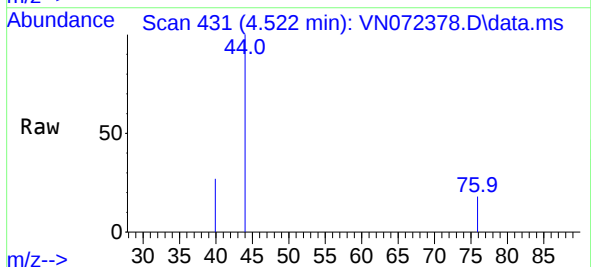
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

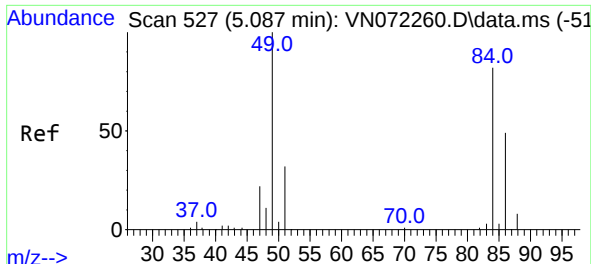
Tgt Ion: 43 Resp: 5158
Ion Ratio Lower Upper
43 100
58 25.1 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.403 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 76 Resp: 291
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



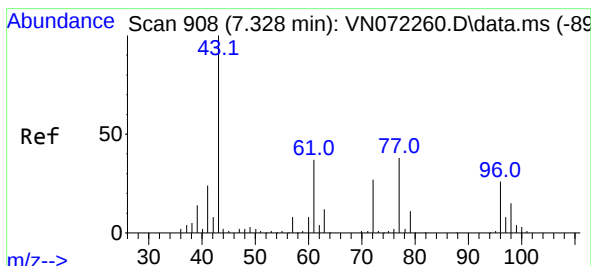
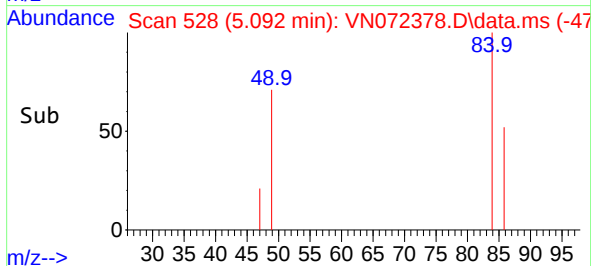
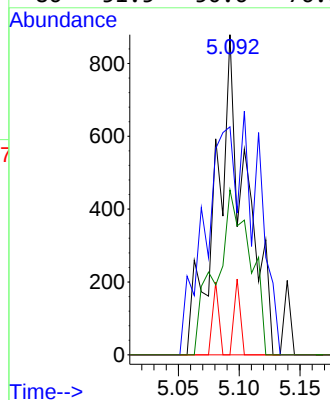
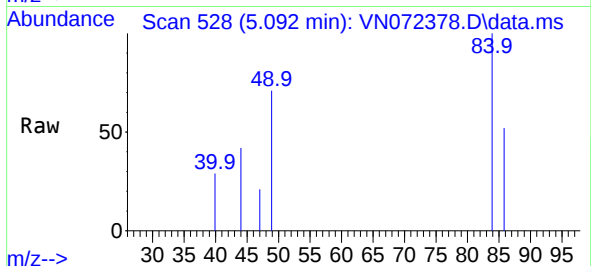


#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

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

Tgt Ion: 84 Resp: 1519

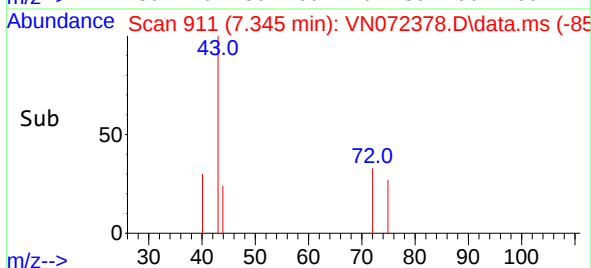
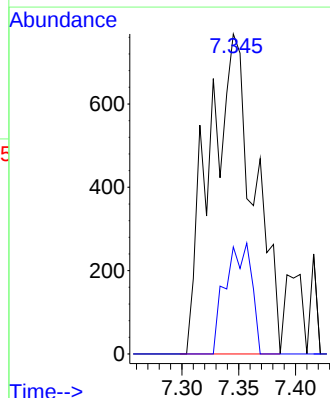
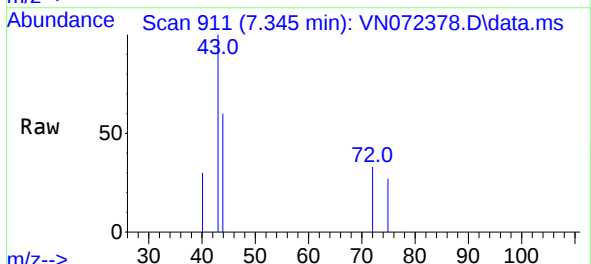
Ion	Ratio	Lower	Upper
84	100		
49	71.2	88.3	132.5#
51	0.0	28.2	42.2#
86	51.5	50.6	76.0

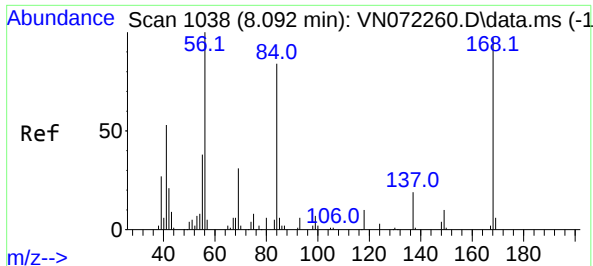


#25
2-Butanone
Concen: 0.625 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 43 Resp: 2104

Ion	Ratio	Lower	Upper
43	100		
72	33.5	23.7	35.5

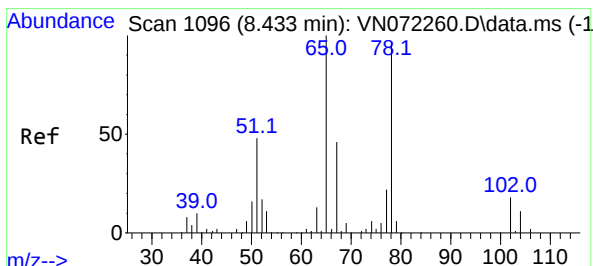
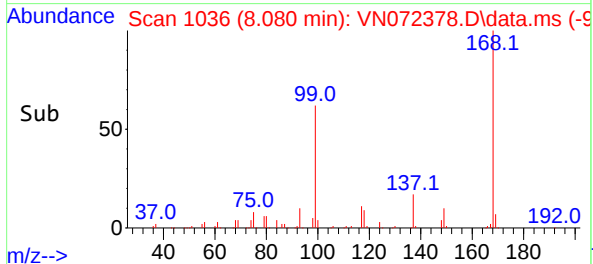
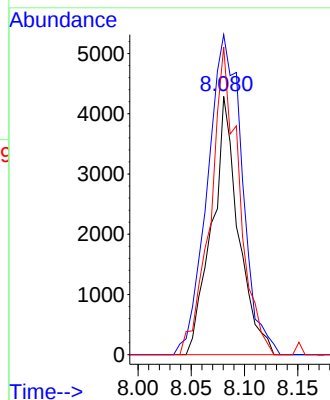
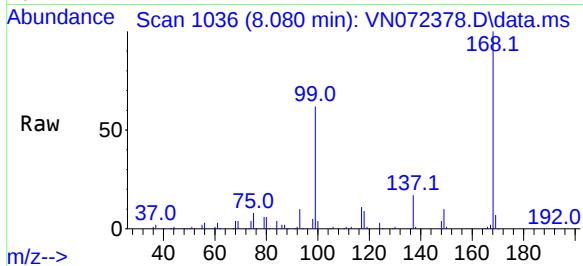




#31
Cyclohexane
Concen: 1.134 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

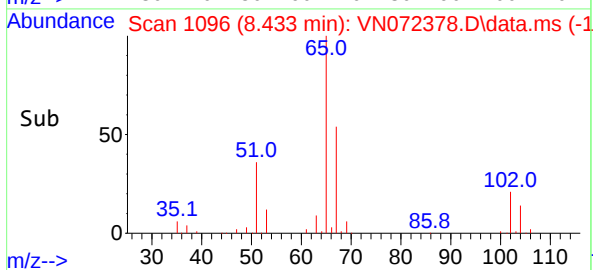
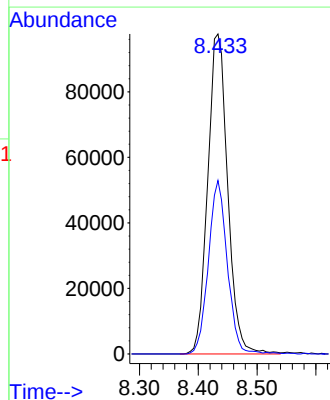
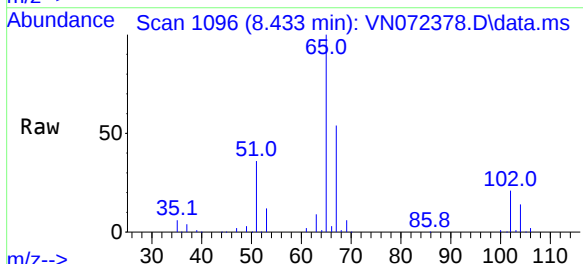
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STORAGE-BLANK-WATER-REF-5

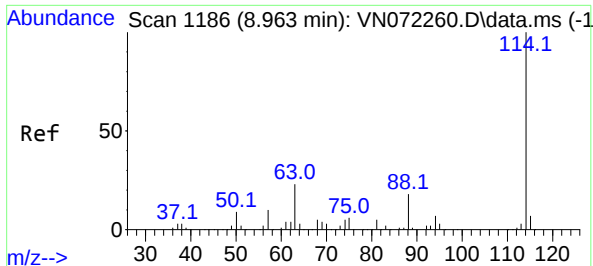
Tgt Ion: 56 Resp: 7434
Ion Ratio Lower Upper
56 100
69 123.9 27.8 41.8#
84 119.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.896 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 65 Resp: 229989
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

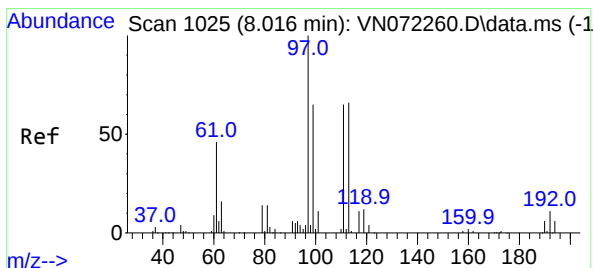
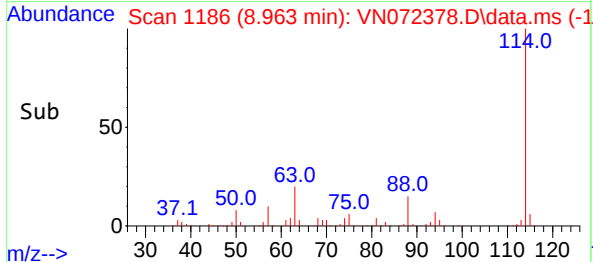
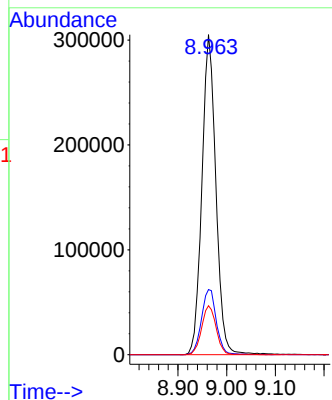
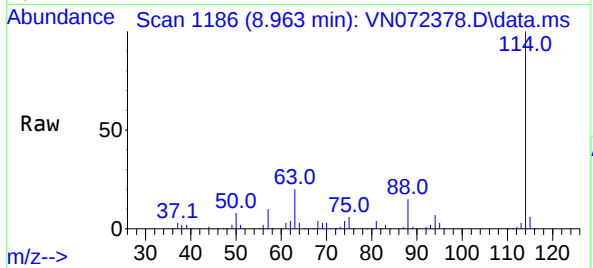




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

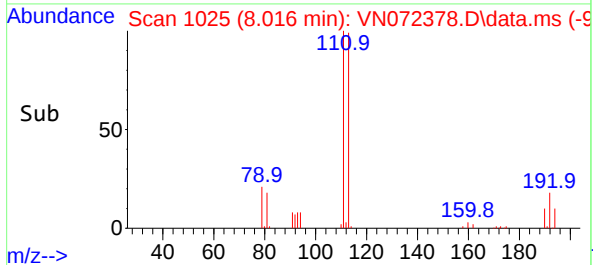
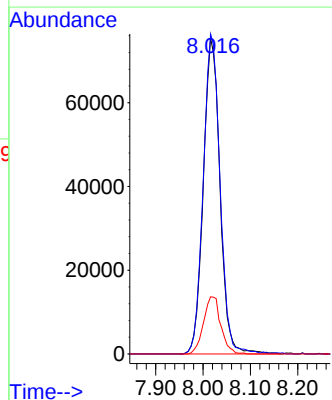
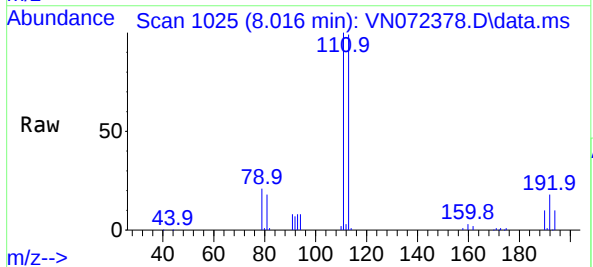
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

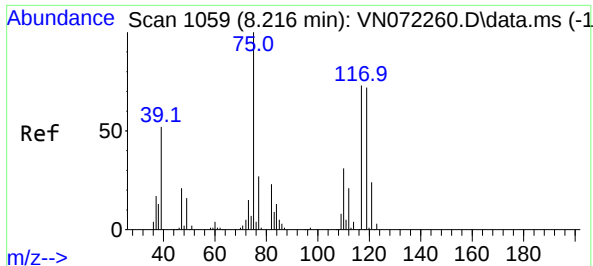
Tgt Ion:114 Resp: 609571
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.237 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion:113 Resp: 184301
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.8 17.0 25.6

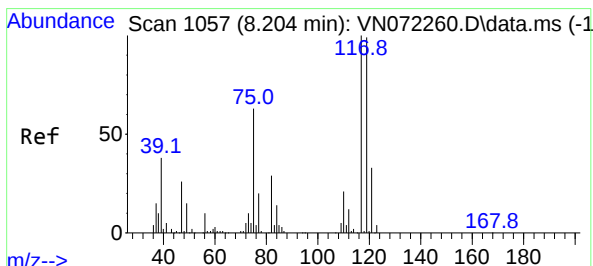
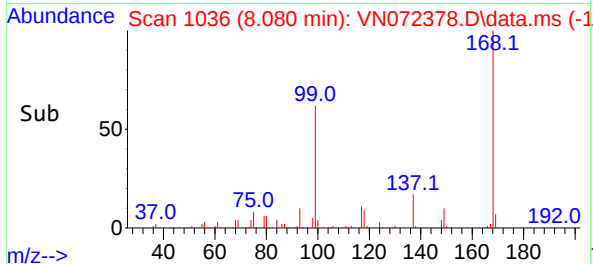
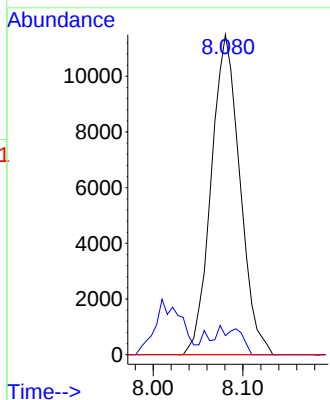
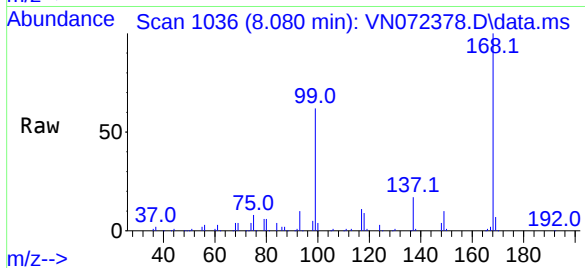




#36
1,1-Dichloropropene
Concen: 4.497 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

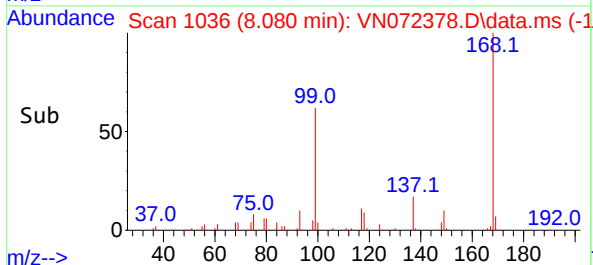
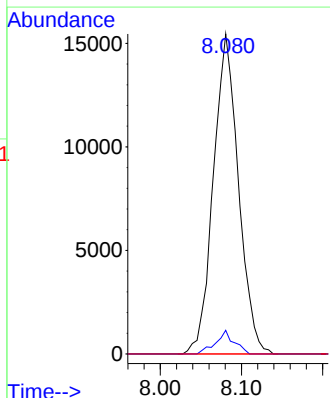
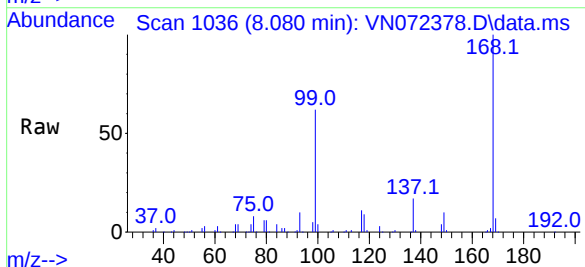
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

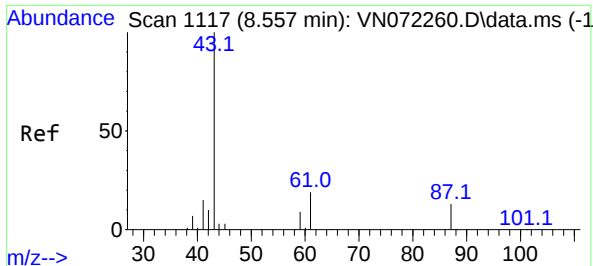
Tgt Ion: 75 Resp: 25541
Ion Ratio Lower Upper
75 100
110 1.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.462 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 117 Resp: 33222
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.8#
121 0.0 24.6 37.0#

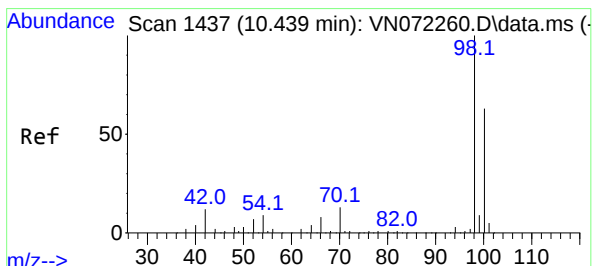
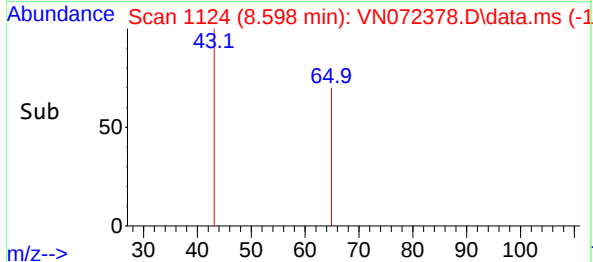
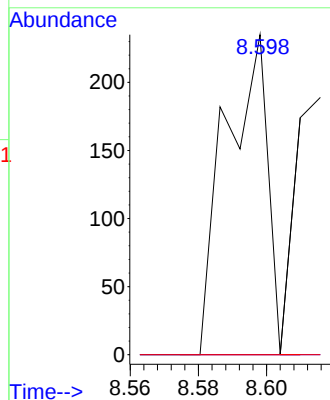
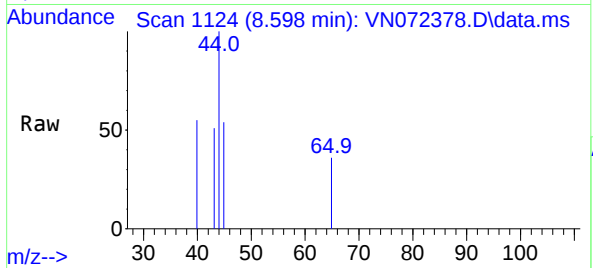




#43
Isopropyl Acetate
Concen: 0.818 ug/l
RT: 8.598 min Scan# 1117
Delta R.T. 0.041 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

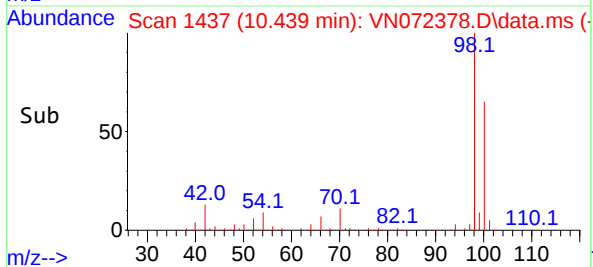
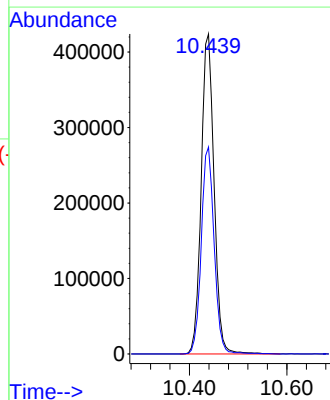
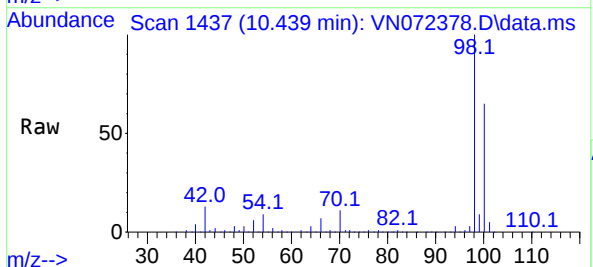
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

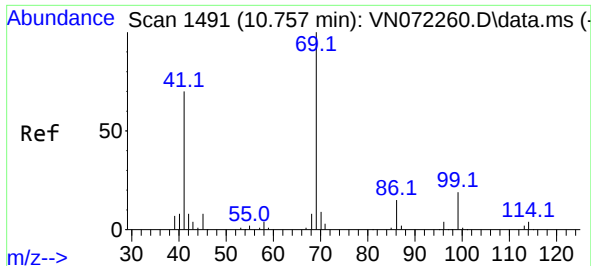
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 98 Resp: 776805
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

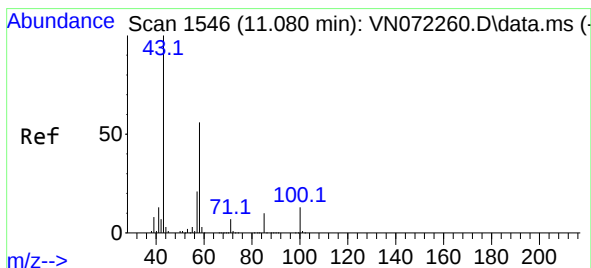
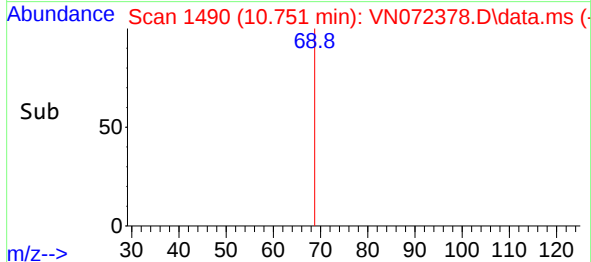
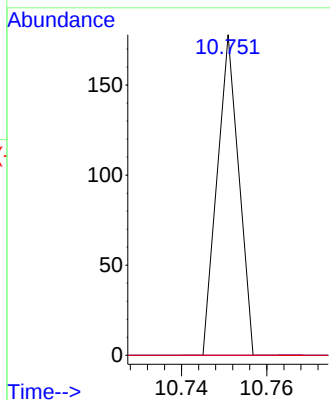
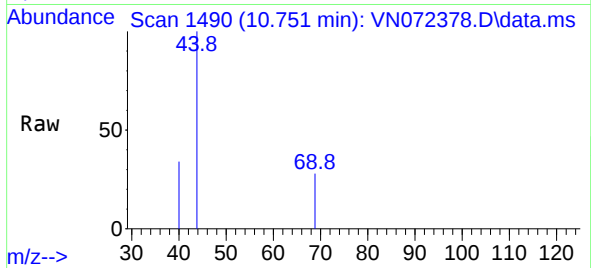




#56
Ethyl methacrylate
Concen: 2.373 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

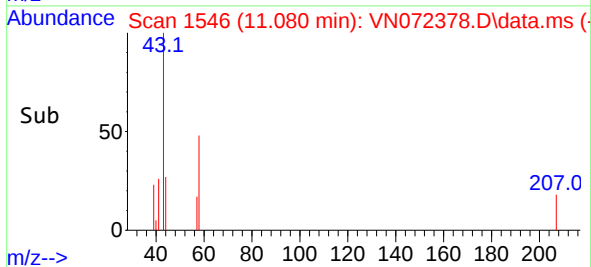
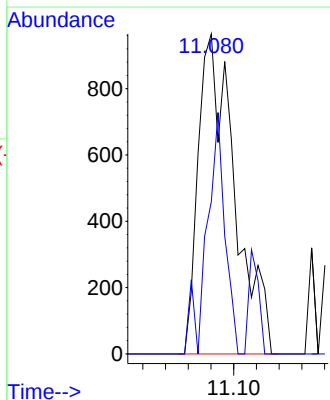
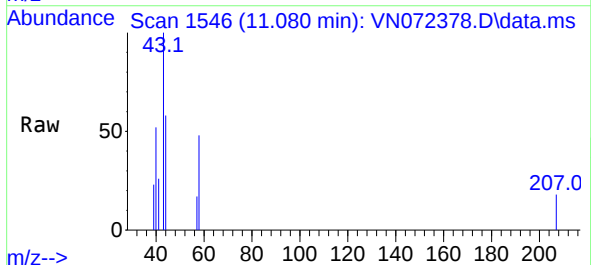
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

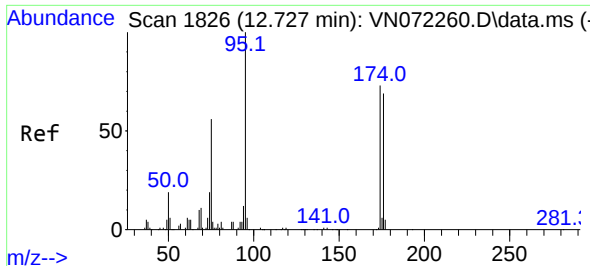
Tgt Ion: 69 Resp: 63
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#



#59
2-Hexanone
Concen: 0.427 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
58 38.1 29.7 89.1

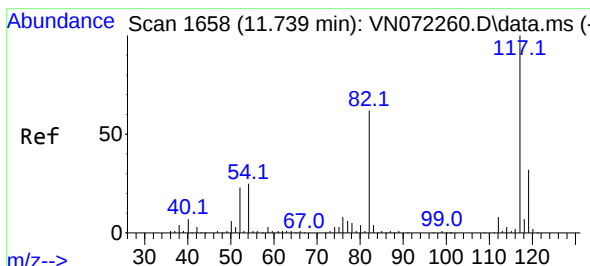
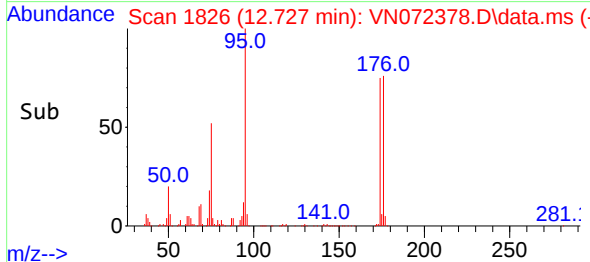
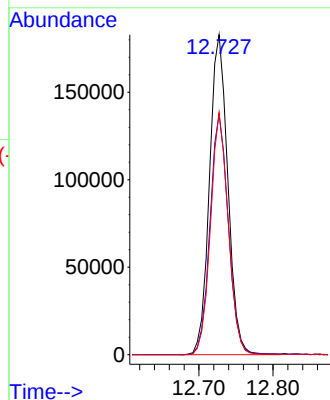
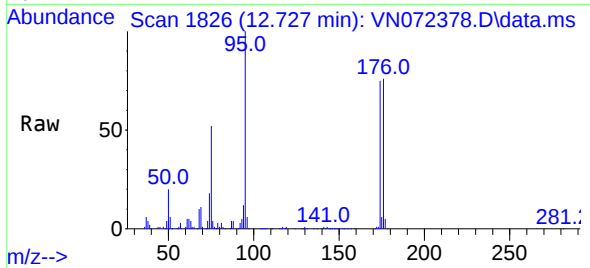




#62
4-Bromofluorobenzene
Concen: 61.617 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

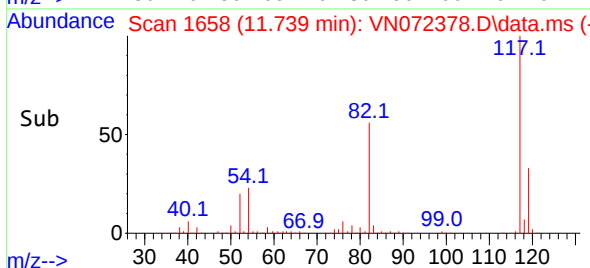
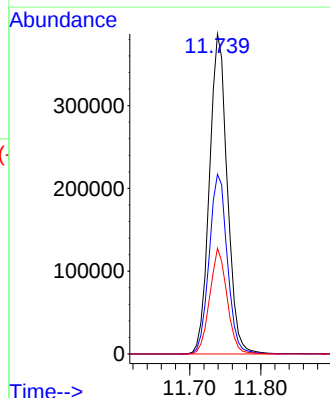
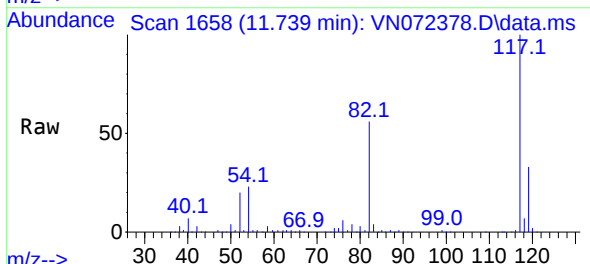
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

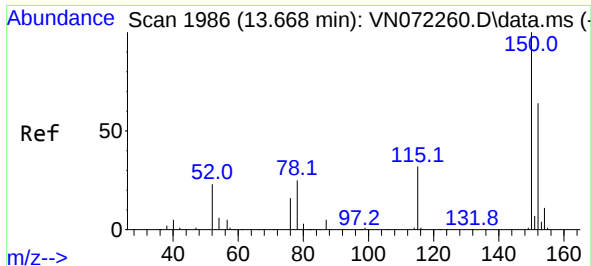
Tgt Ion: 95 Resp: 313545
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 73.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 117 Resp: 674726
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 33.1 25.4 38.0

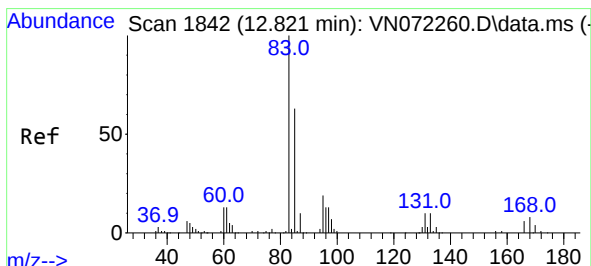
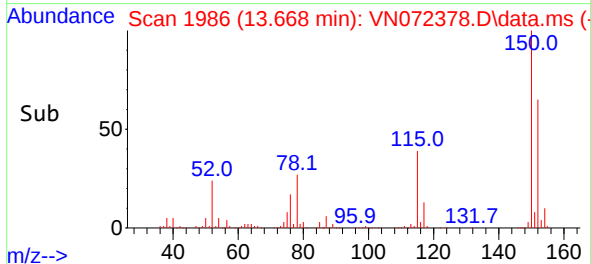
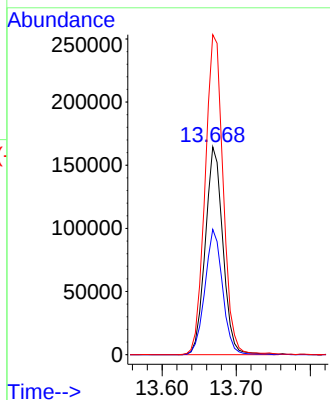
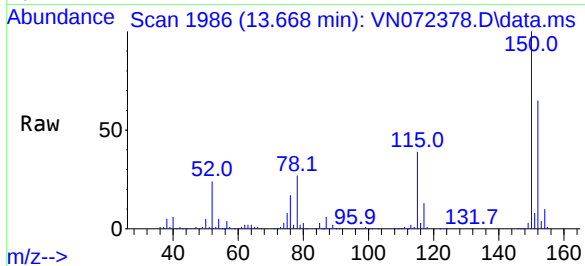




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

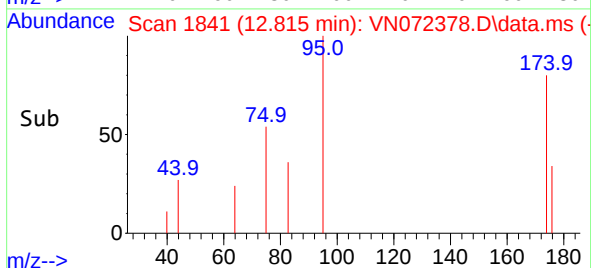
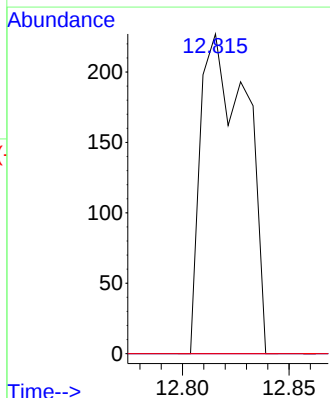
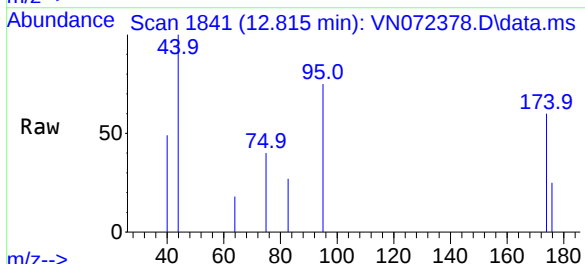
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

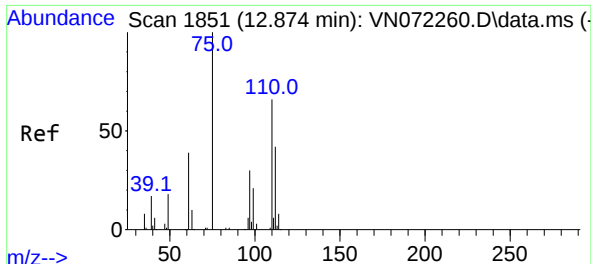
Tgt Ion:152 Resp: 271287
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 158.3 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.815 min Scan# 1841
Delta R.T. -0.007 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 83 Resp: 337
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

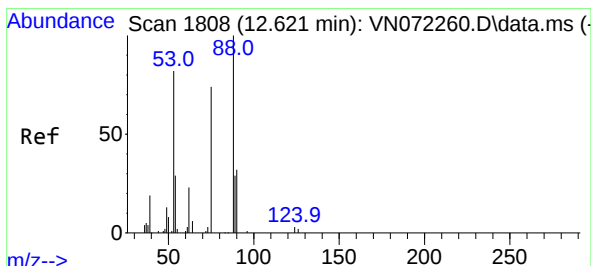
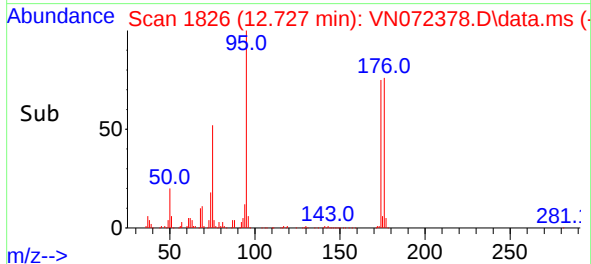
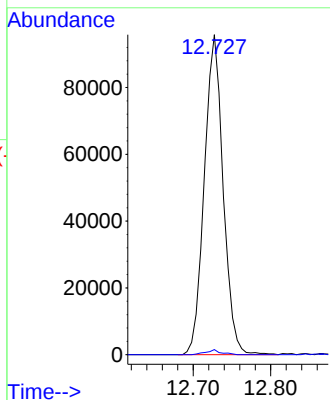
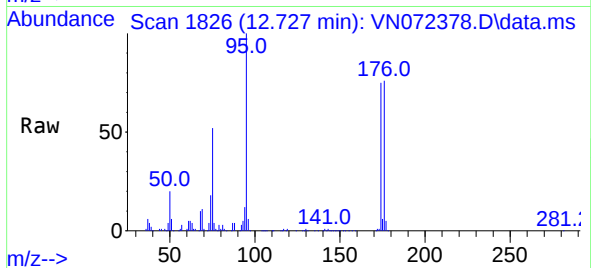




#76
1,2,3-Trichloropropane
Concen: 26.524 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

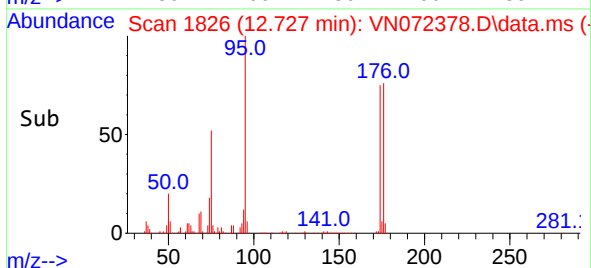
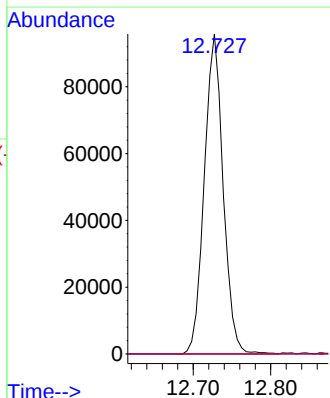
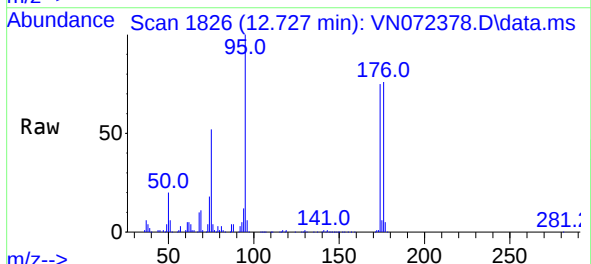
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

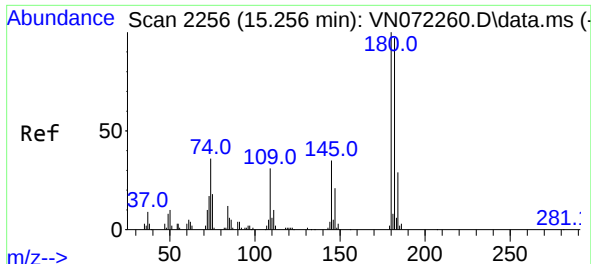
Tgt Ion: 75 Resp: 161803
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.963 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

Tgt Ion: 75 Resp: 161803
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

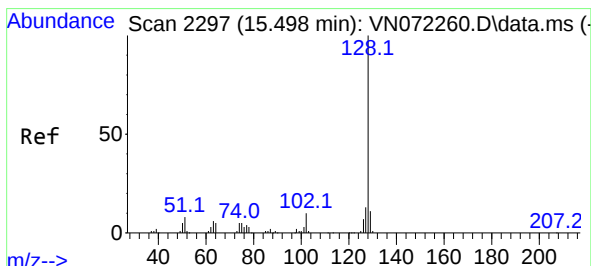
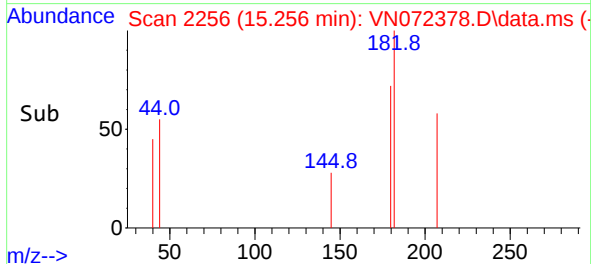
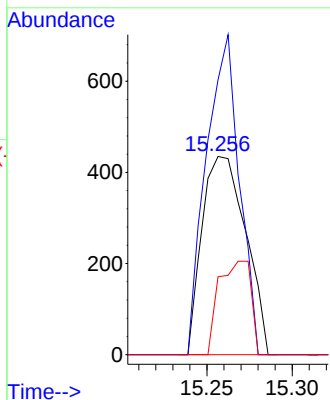
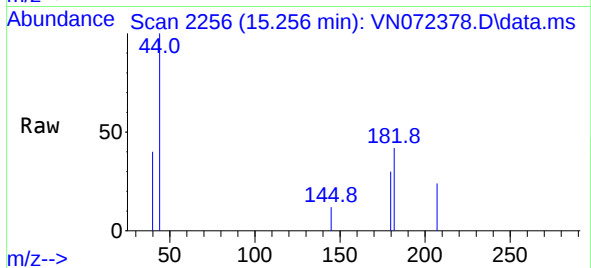




#93
1,2,4-Trichlorobenzene
Concen: 2.596 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

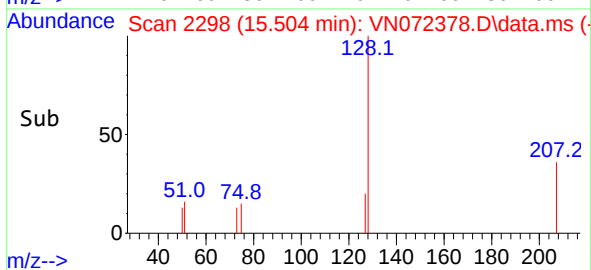
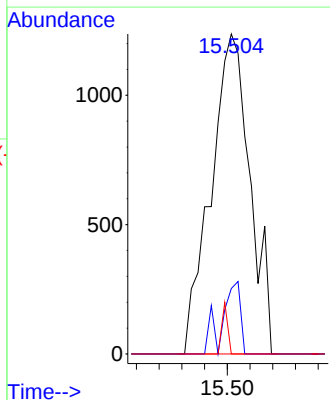
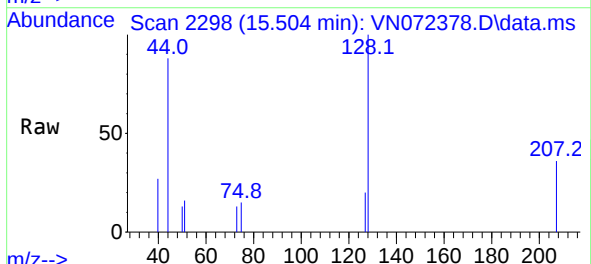
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

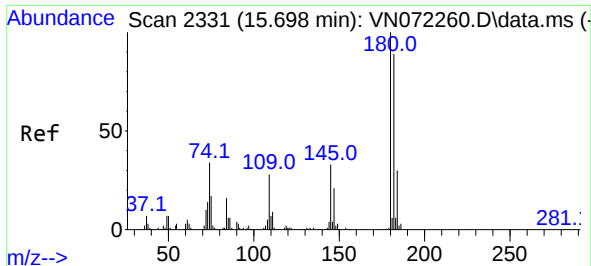
Tgt Ion:180 Resp: 775
Ion Ratio Lower Upper
180 100
182 122.3 47.5 142.5
145 34.3 14.5 43.5



#95
Naphthalene
Concen: 4.492 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072378.D
Acq: 09 May 2022 14:45

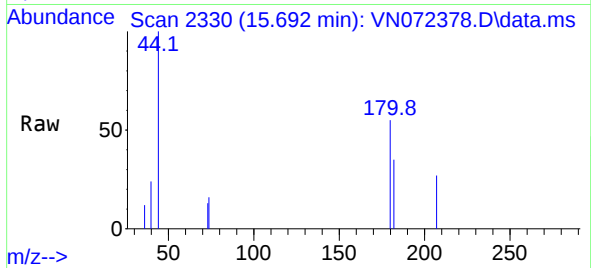
Tgt Ion:128 Resp: 2960
Ion Ratio Lower Upper
128 100
127 10.6 10.3 15.5
129 2.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.901 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072378.D
 Acq: 09 May 2022 14:45

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



Tgt Ion:	180	Resp:	999
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	6.0	15.5	46.5#

