

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072742.D
 Acq On : 09 Jun 2022 19:56
 Operator : JC\MD
 Sample : N3195-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 10 01:47:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

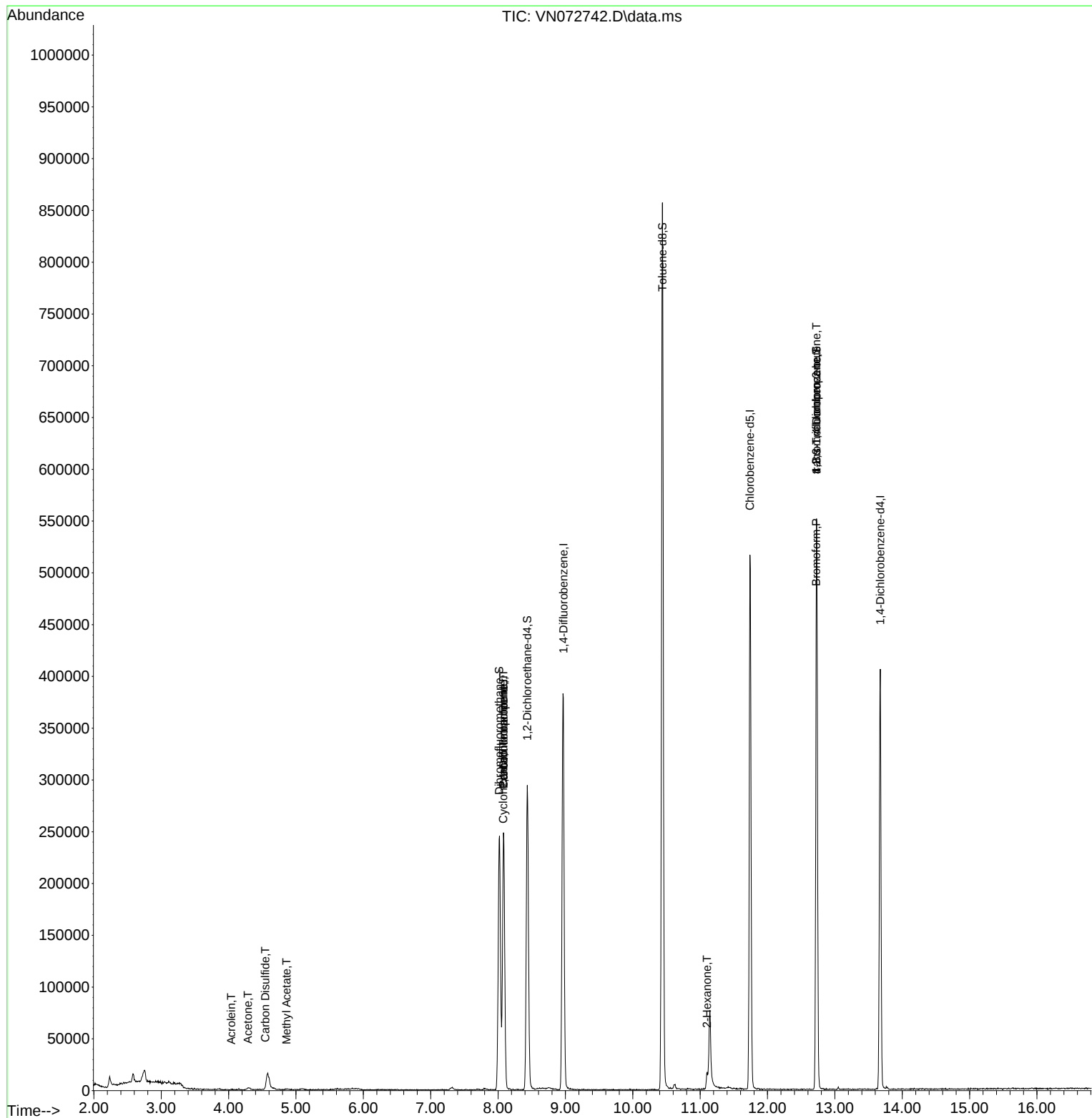
Internal Standards						
1) Pentafluorobenzene	8.080	168	159501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	314344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	275822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	94896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	247048	57.709	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.420%			
35) Dibromofluoromethane	8.016	113	174959	56.250	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.500%			
50) Toluene-d8	10.439	98	560066	45.131	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.260%			
62) 4-Bromofluorobenzene	12.727	95	192895	45.298	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.600%			
Target Compounds						
						Qvalue
5) Bromomethane	2.798	94	53	Below Cal	#	2
6) Chloroethane	2.957	64	290	Below Cal	#	75
13) Acrolein	4.040	56	598	1.418	ug/l #	44
16) Acetone	4.287	43	3952	1.927	ug/l	90
17) Carbon Disulfide	4.545	76	63	0.294	ug/l #	75
18) Methyl Acetate	4.857	43	1352	0.253	ug/l #	66
20) Methylene Chloride	5.092	84	517	Below Cal	#	45
31) Cyclohexane	8.075	56	5607	0.534	ug/l #	54
36) 1,1-Dichloropropene	8.080	75	17057	3.951	ug/l #	48
38) Carbon Tetrachloride	8.080	117	20219	4.382	ug/l #	16
59) 2-Hexanone	11.104	43	3605	0.721	ug/l #	31
71) Bromoform	12.721	173	686	0.334	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	112976	36.893	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	112976	96.486	ug/l #	10

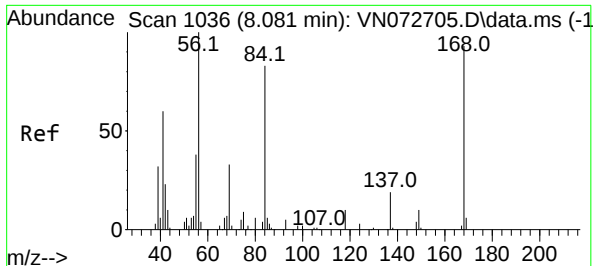
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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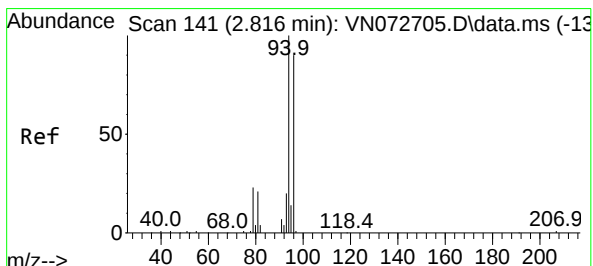
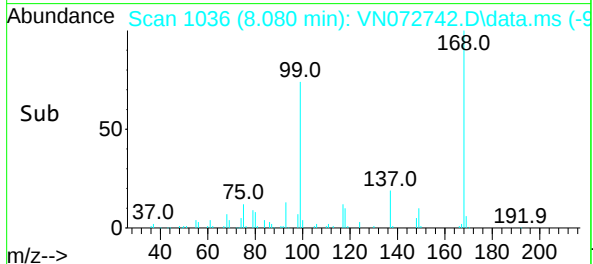
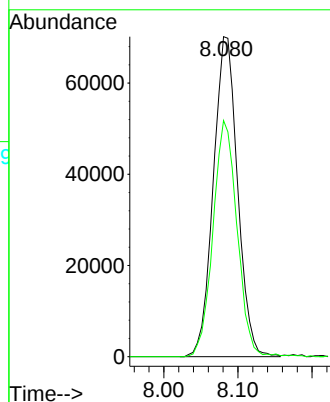
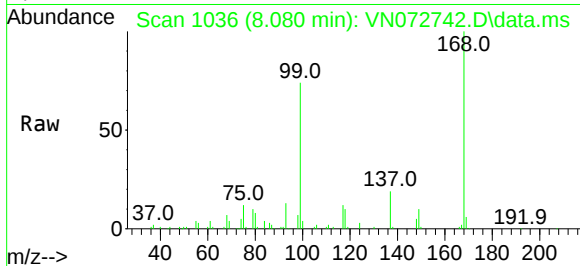




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

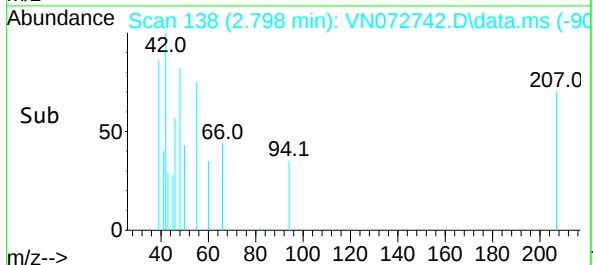
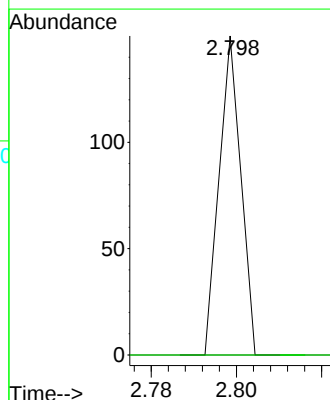
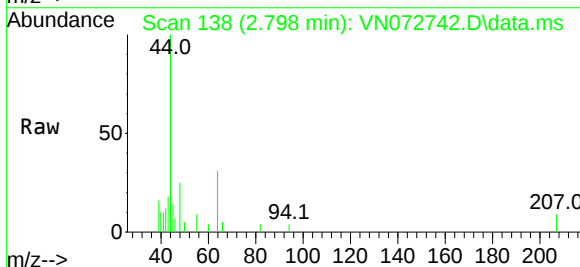
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5RE

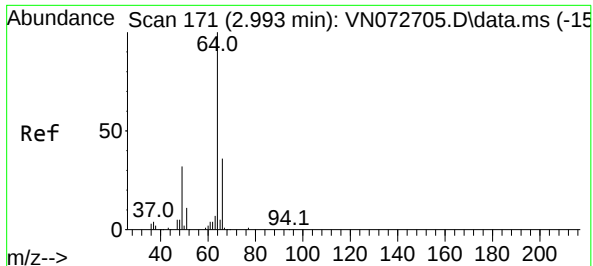
Tgt Ion:168 Resp: 159501
Ion Ratio Lower Upper
168 100
99 73.8 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.798 min Scan# 138
Delta R.T. -0.018 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

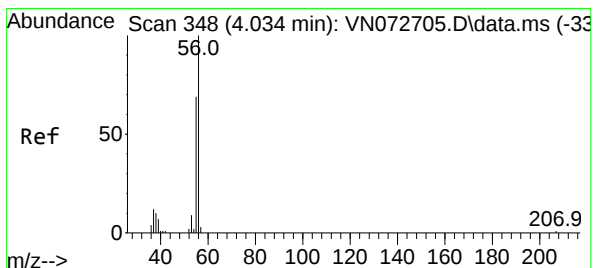
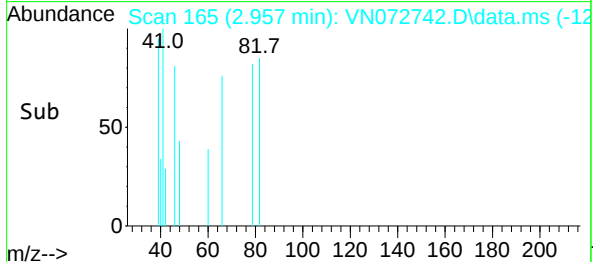
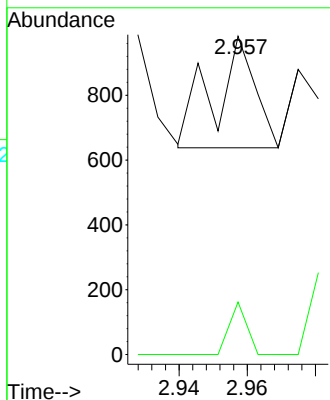
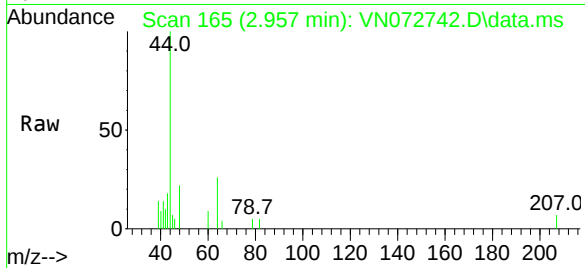




#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

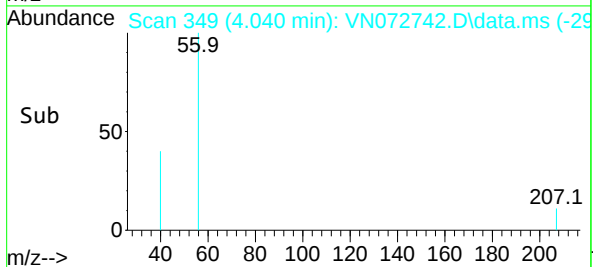
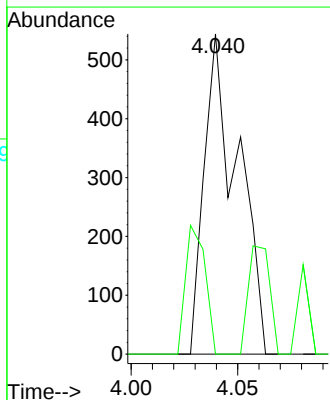
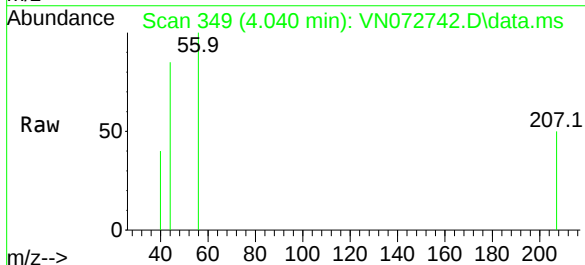
Instrument :
MSVOA_N
ClientSampleId :
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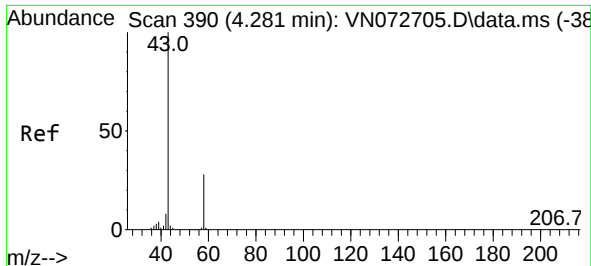
Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 47.1 26.2 39.4#



#13
Acrolein
Concen: 1.418 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
55 23.4 54.8 82.2#

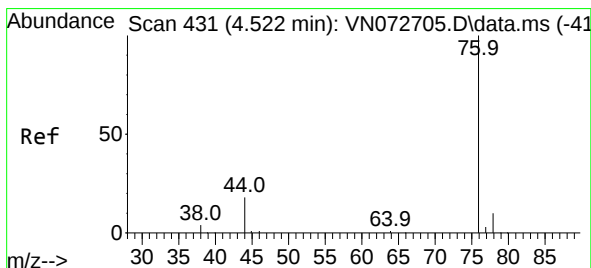
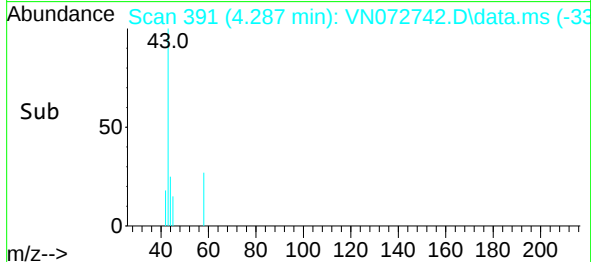
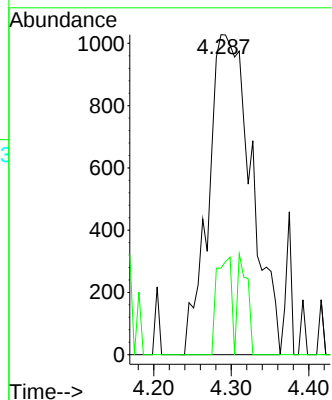
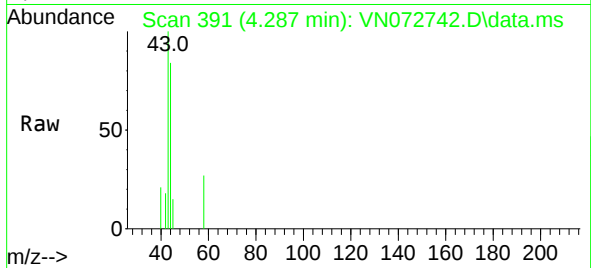




#16
Acetone
Concen: 1.927 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

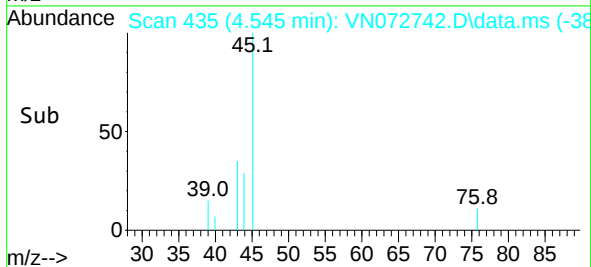
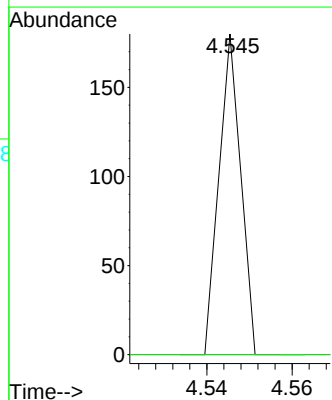
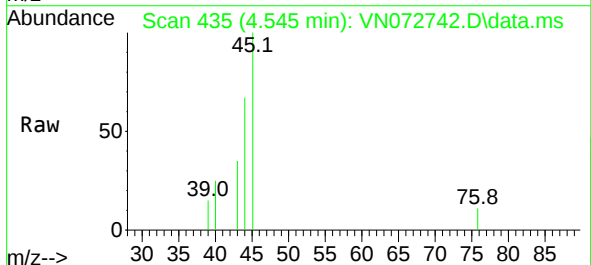
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5RE

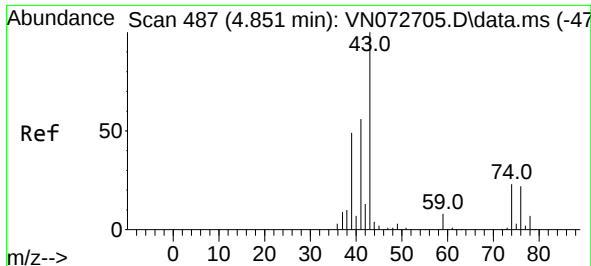
Tgt Ion: 43 Resp: 3952
Ion Ratio Lower Upper
43 100
58 27.0 26.0 39.0



#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.545 min Scan# 435
Delta R.T. 0.023 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 76 Resp: 63
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

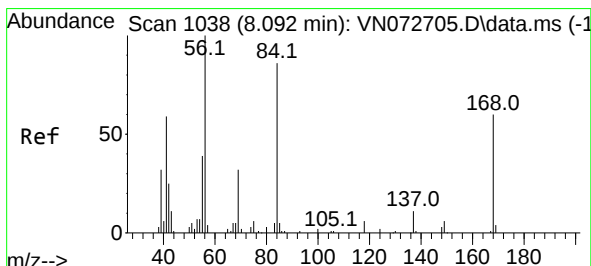
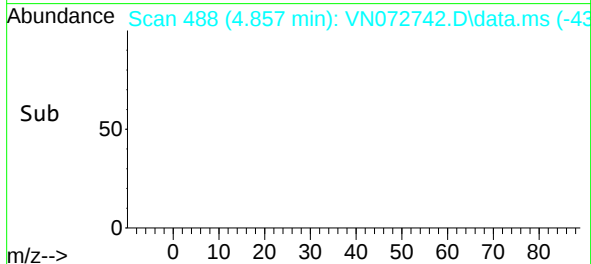
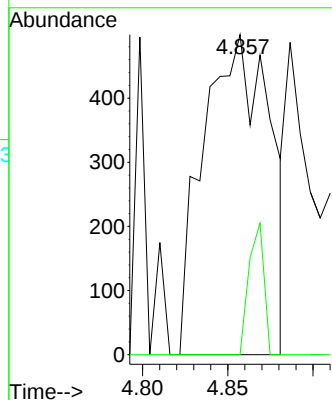
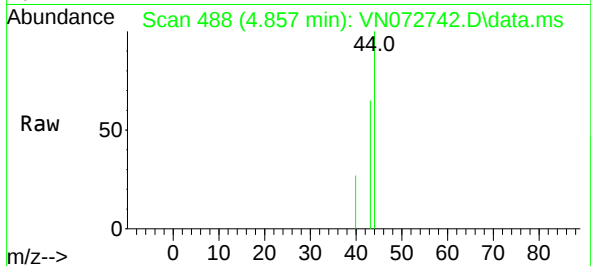




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

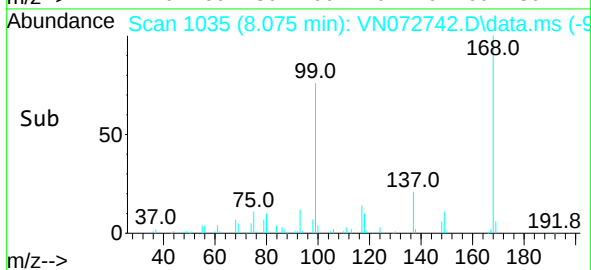
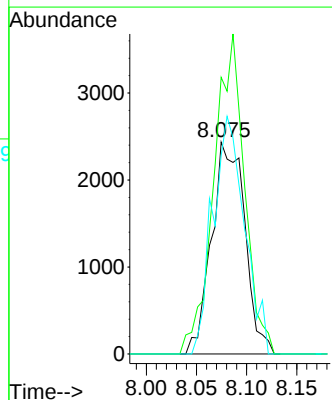
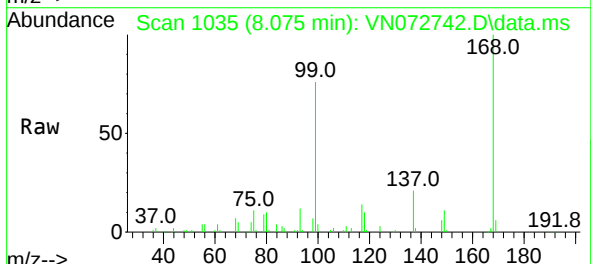
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5RE

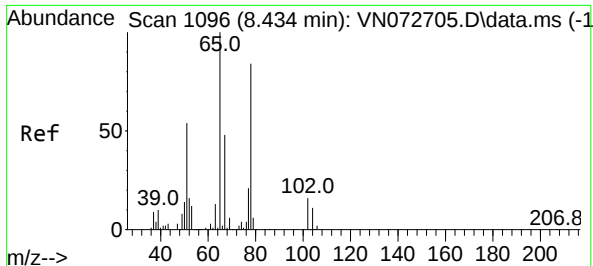
Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
74 9.3 21.6 32.4#



#31
Cyclohexane
Concen: 0.534 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 56 Resp: 5607
Ion Ratio Lower Upper
56 100
69 130.6 27.8 41.8#
84 93.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 57.709 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072742.D

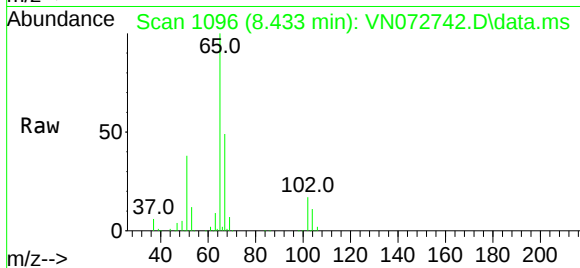
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5RE

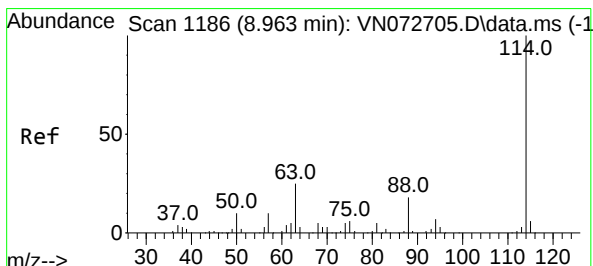
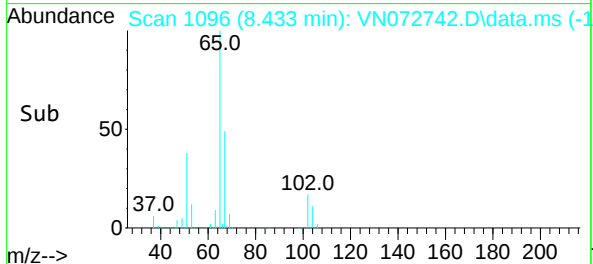
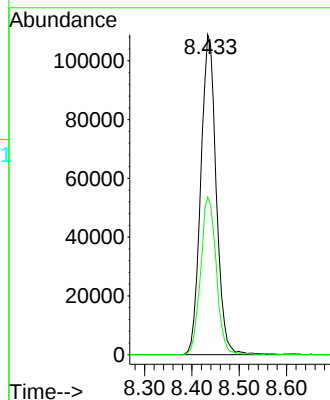


Tgt Ion: 65 Resp: 247048

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072742.D

Acq: 09 Jun 2022 19:56

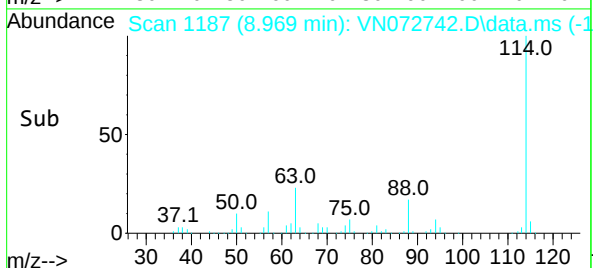
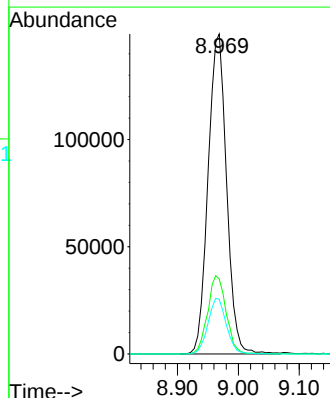
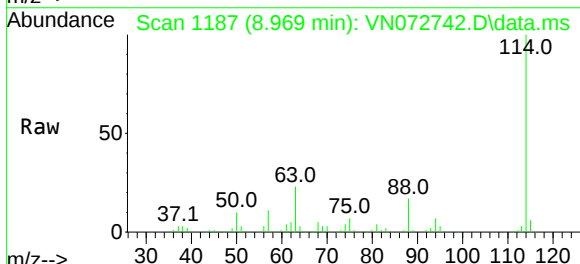
Tgt Ion: 114 Resp: 314344

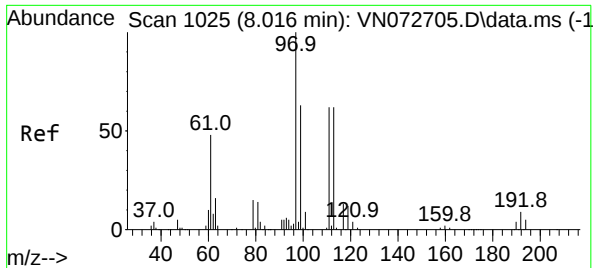
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 17.1 0.0 32.6

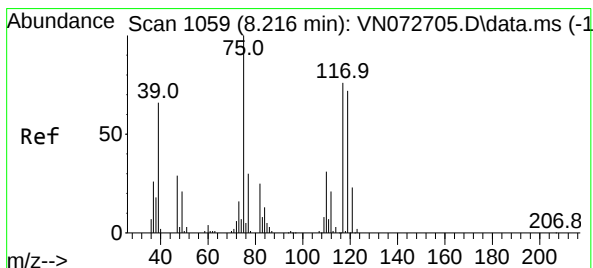
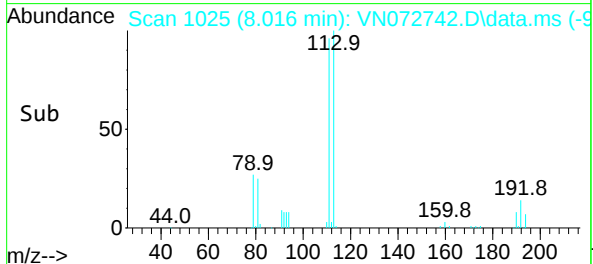
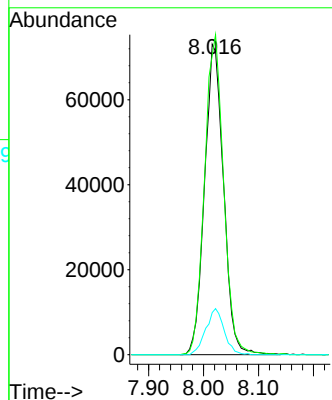
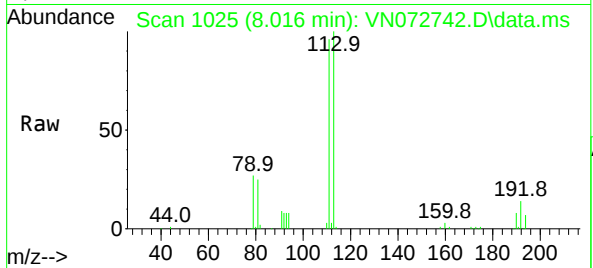




#35
Dibromofluoromethane
Concen: 56.250 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

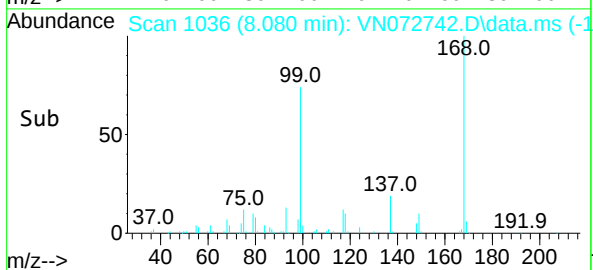
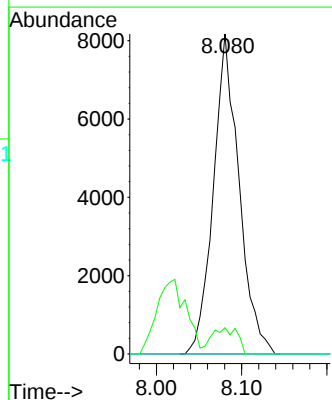
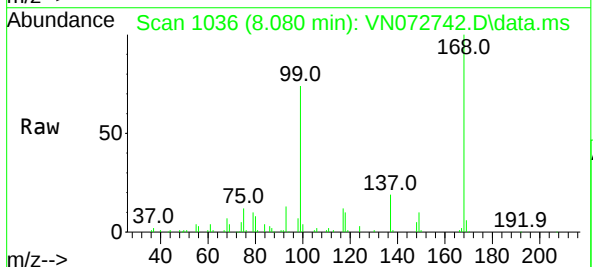
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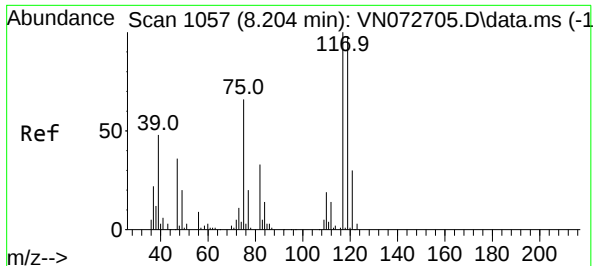
Tgt Ion:113 Resp: 174959
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 14.4 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 3.951 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 75 Resp: 17057
Ion Ratio Lower Upper
75 100
110 7.9 18.3 54.8#
77 0.0 25.1 37.7#

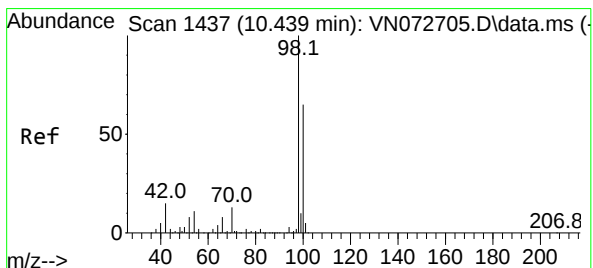
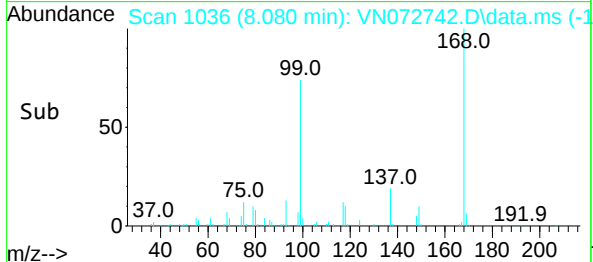
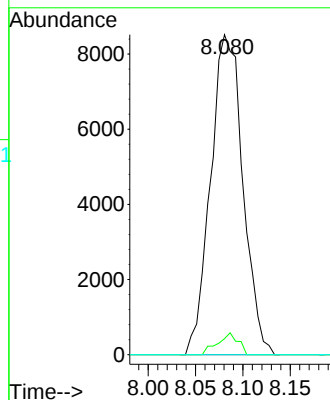
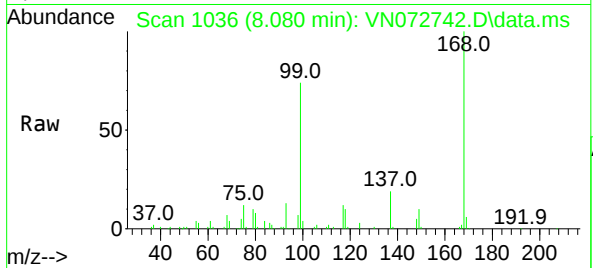




#38
Carbon Tetrachloride
Concen: 4.382 ug/l
RT: 8.080 min Scan# 117
Delta R.T. -0.124 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

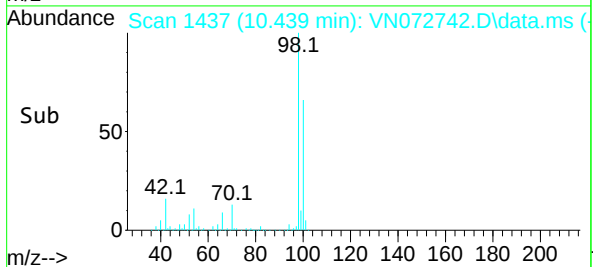
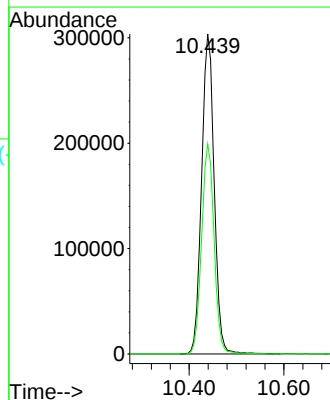
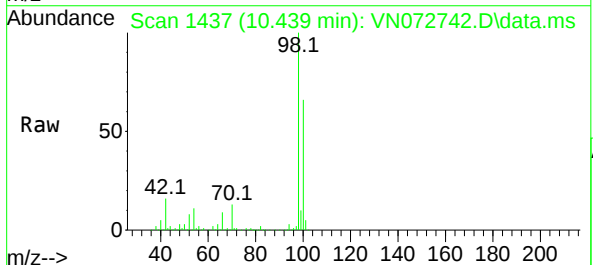
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5RE

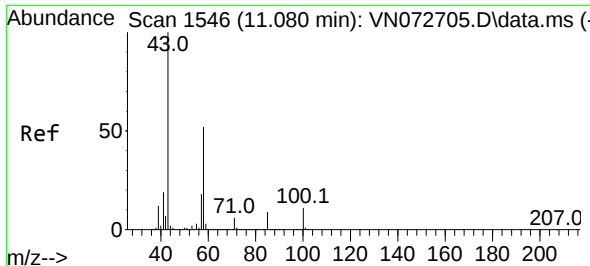
Tgt Ion:117 Resp: 20219
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.131 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 98 Resp: 560066
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

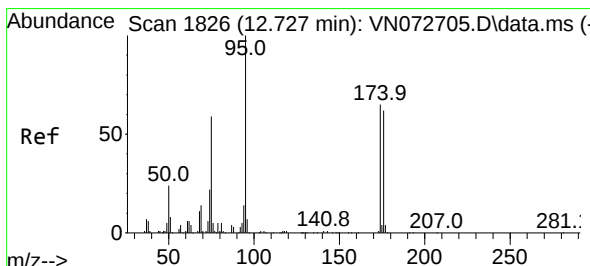
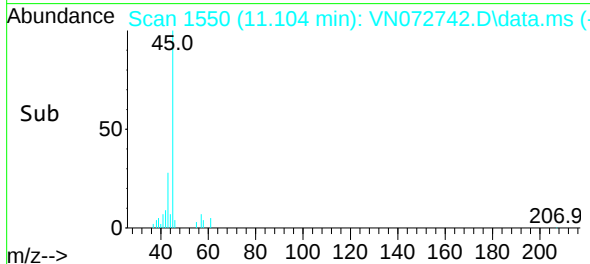
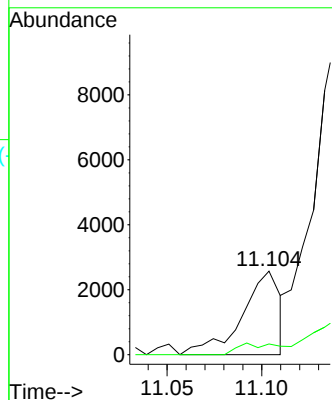
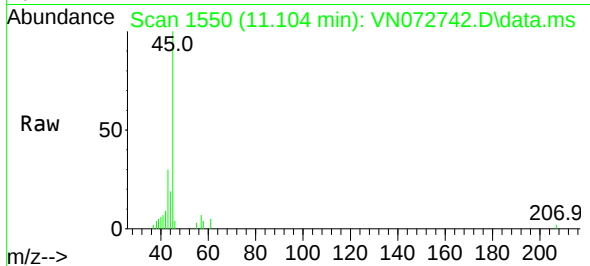




#59
2-Hexanone
Concen: 0.721 ug/l
RT: 11.104 min Scan# 1150
Delta R.T. 0.024 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

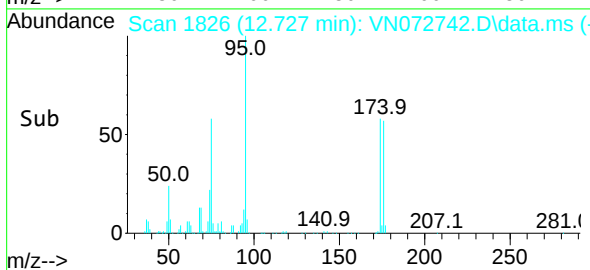
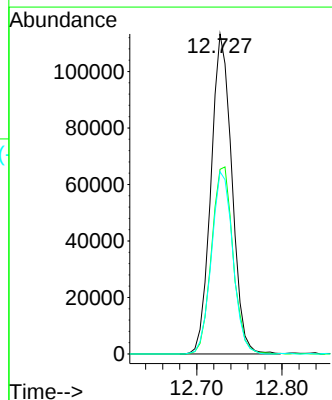
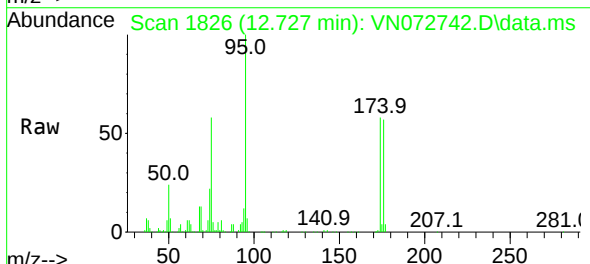
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5RE

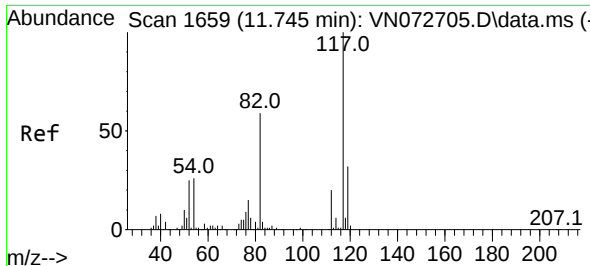
Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
58 7.7 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 45.298 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion: 95 Resp: 192895
Ion Ratio Lower Upper
95 100
174 60.3 0.0 167.6
176 58.2 0.0 163.4

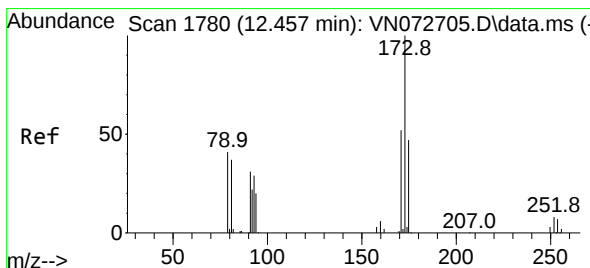
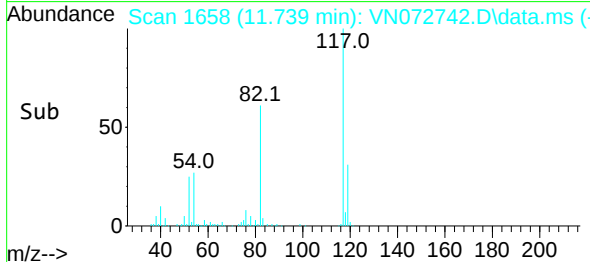
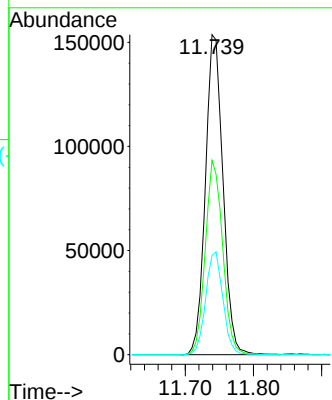
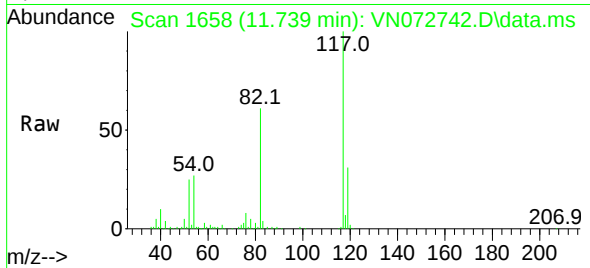




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

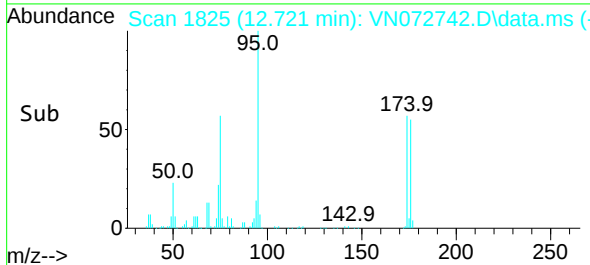
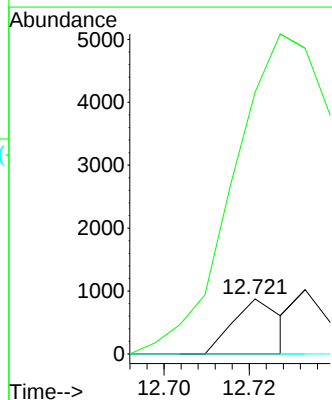
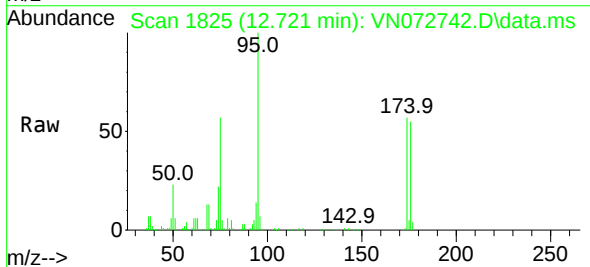
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5RE

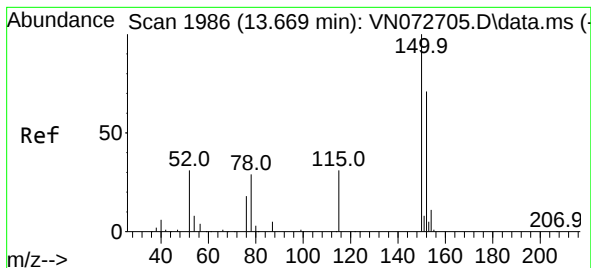
Tgt Ion:117 Resp: 275822
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 31.0 25.4 38.0



#71
Bromoform
Concen: 0.334 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.264 min
Lab File: VN072742.D
Acq: 09 Jun 2022 19:56

Tgt Ion:173 Resp: 686
Ion Ratio Lower Upper
173 100
175 944.2 24.6 73.6#
254 0.0 0.1 0.1#

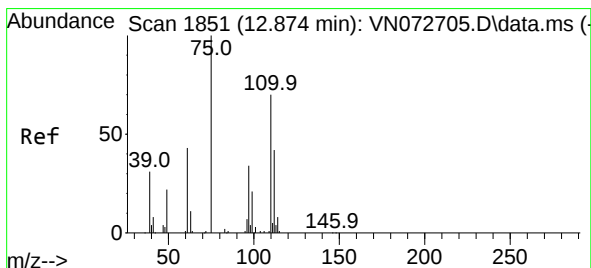
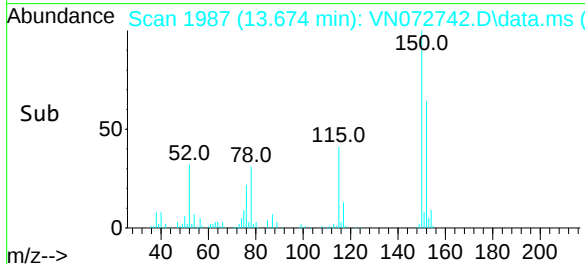
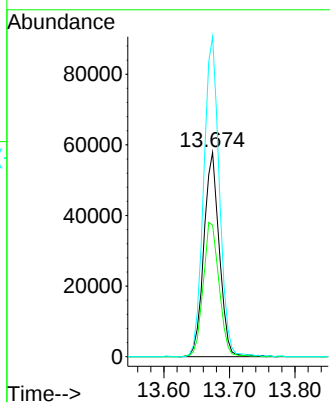
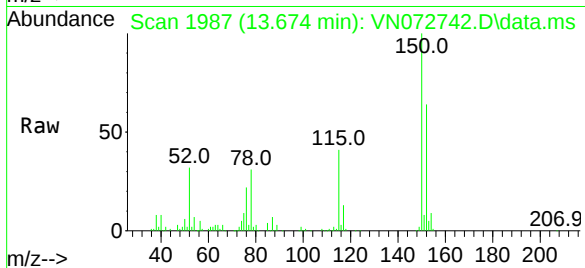




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN072742.D
 Acq: 09 Jun 2022 19:56

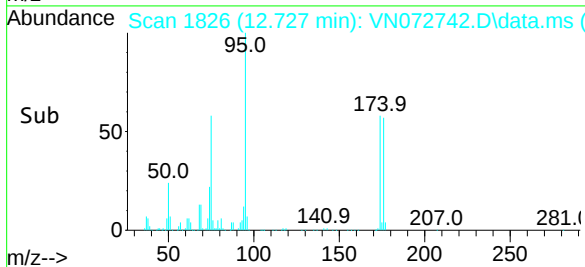
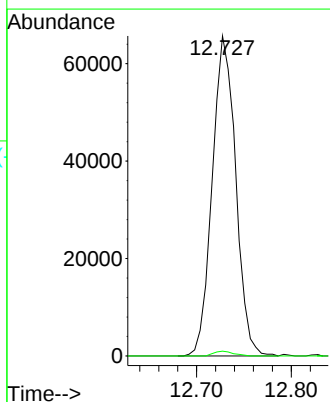
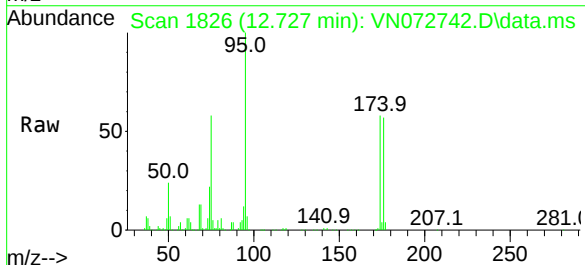
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5RE

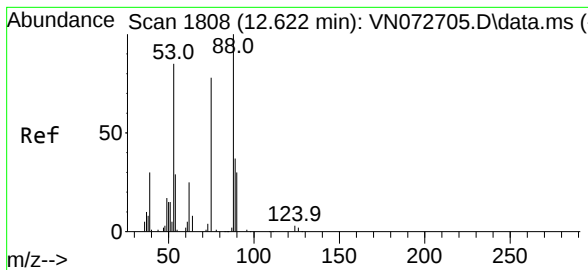
Tgt Ion:152 Resp: 94896
 Ion Ratio Lower Upper
 152 100
 115 67.6 28.9 86.7
 150 158.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 36.893 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072742.D
 Acq: 09 Jun 2022 19:56

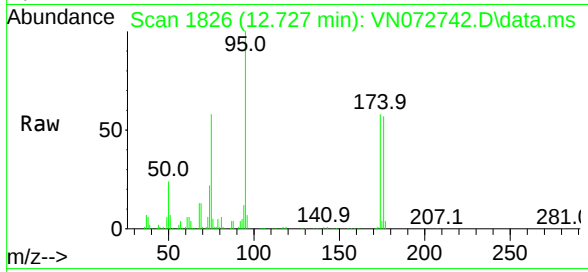
Tgt Ion: 75 Resp: 112976
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.486 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN072742.D
 Acq: 09 Jun 2022 19:56

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



Tgt Ion: 75 Resp: 112976
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

