

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072739.D
 Acq On : 09 Jun 2022 18:42
 Operator : JC\MD
 Sample : N3195-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 10 01:46:35 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)

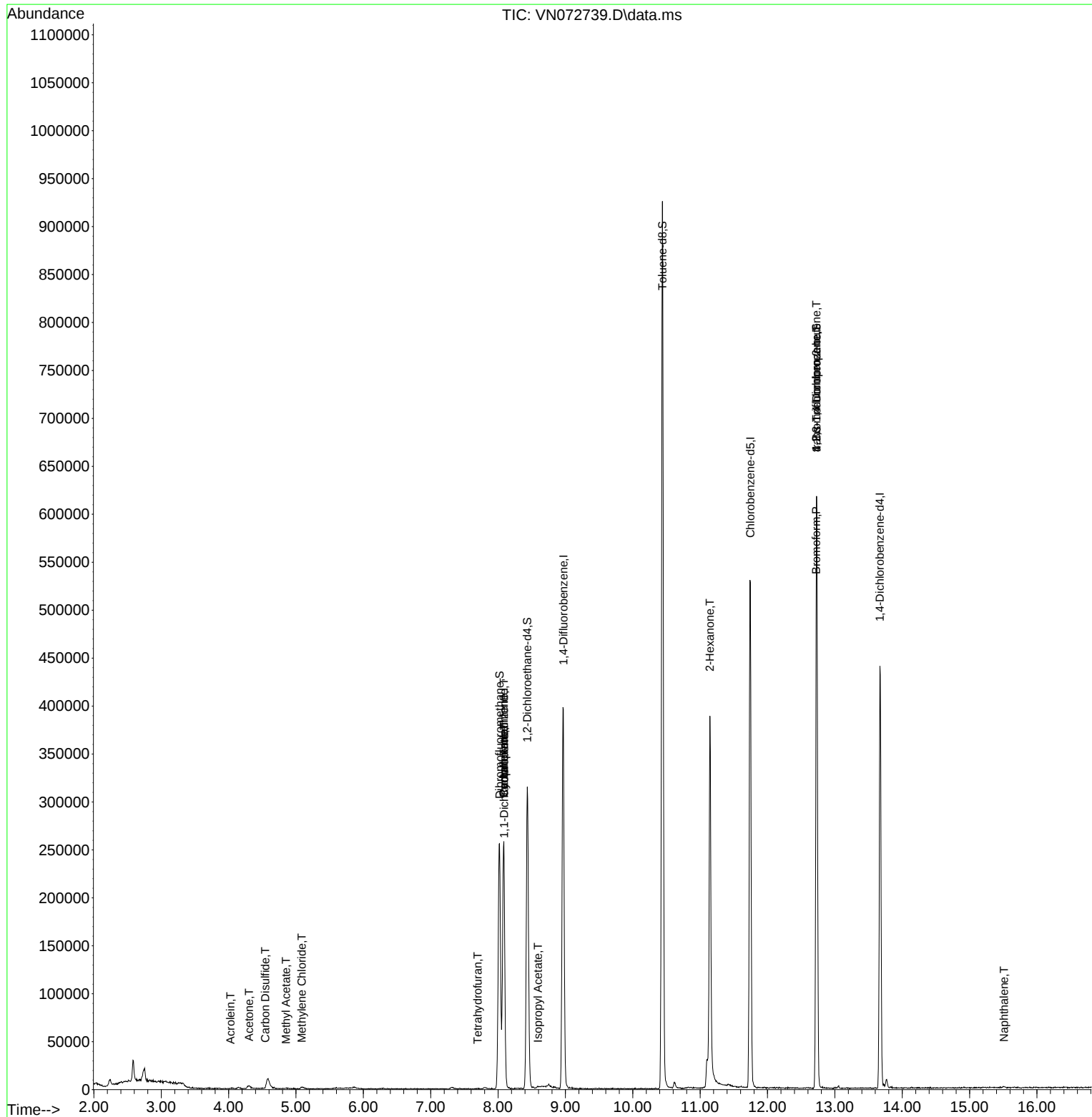
Internal Standards						
1) Pentafluorobenzene	8.086	168	168609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	322512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	282695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	103221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	264610	58.473	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 116.940%		
35) Dibromofluoromethane	8.022	113	183849	57.611	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 115.220%		
50) Toluene-d8	10.439	98	607172	47.688	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 95.380%		
62) 4-Bromofluorobenzene	12.727	95	211976	48.518	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.040%		
Target Compounds						
						Qvalue
5) Bromomethane	2.869	94	59	Below Cal	#	2
6) Chloroethane	3.069	64	302	Below Cal	#	42
13) Acrolein	4.028	56	389	0.872	ug/l #	53
16) Acetone	4.304	43	6608	3.047	ug/l	94
17) Carbon Disulfide	4.545	76	120	0.304	ug/l #	75
18) Methyl Acetate	4.851	43	1194	0.212	ug/l #	48
20) Methylene Chloride	5.087	84	1388	0.238	ug/l #	74
29) Tetrahydrofuran	7.698	42	461	0.214	ug/l #	29
31) Cyclohexane	8.086	56	5536	0.451	ug/l #	6
36) 1,1-Dichloropropene	8.092	75	17922	4.046	ug/l #	51
38) Carbon Tetrachloride	8.086	117	21029	4.442	ug/l #	19
43) Isopropyl Acetate	8.592	43	2210	0.206	ug/l #	53
59) 2-Hexanone	11.145	43	107463	20.938	ug/l #	32
71) Bromoform	12.721	173	433	0.205	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	127086	38.154	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	127086	99.783	ug/l #	11
95) Naphthalene	15.509	128	1959	0.289	ug/l #	82

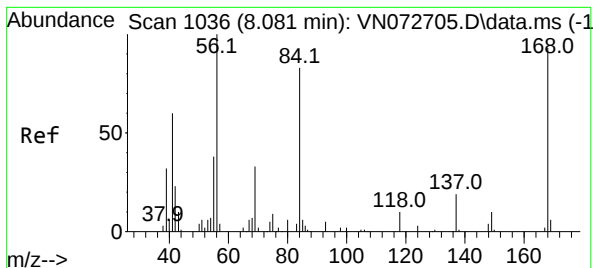
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 01:46:35 2022
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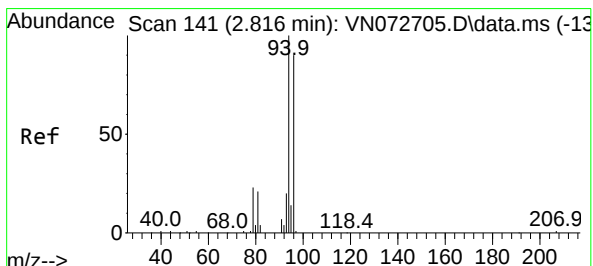
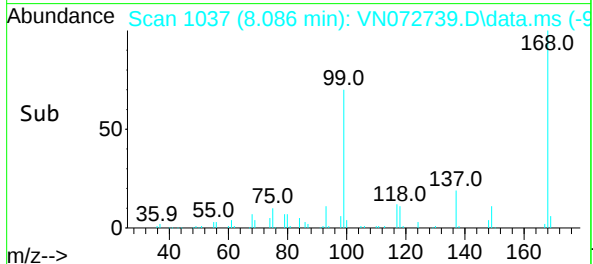
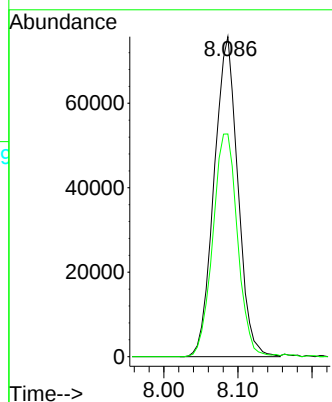
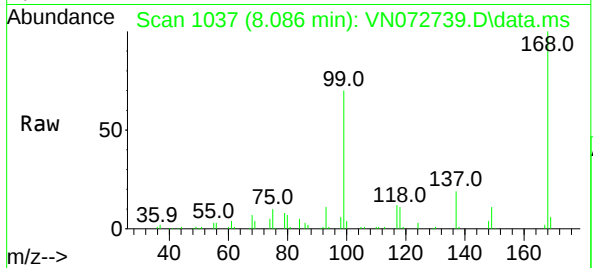




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

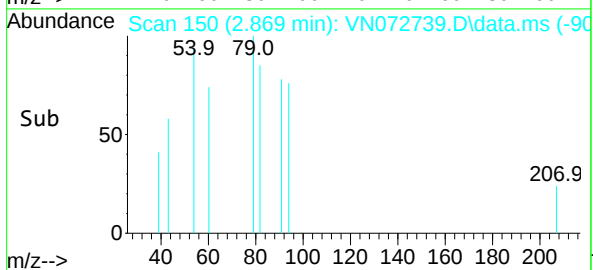
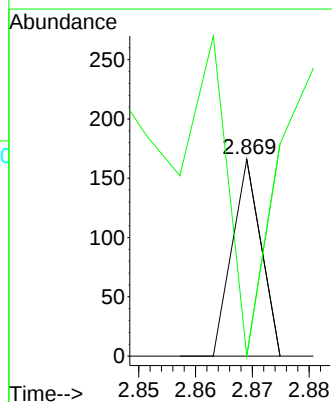
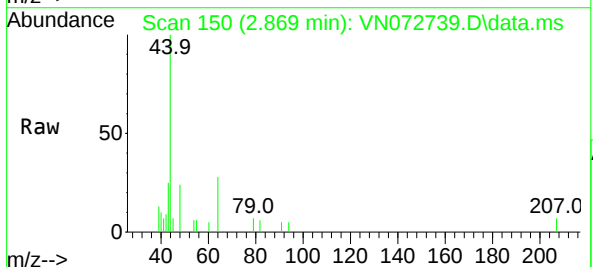
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

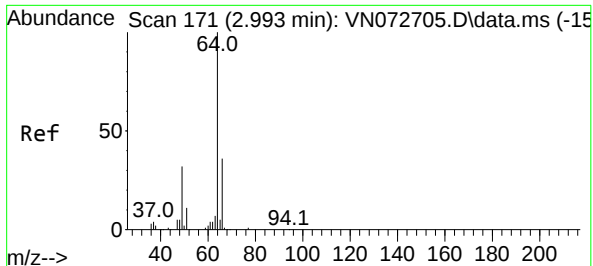
Tgt Ion:168 Resp: 168609
Ion Ratio Lower Upper
168 100
99 69.6 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 150
Delta R.T. 0.053 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

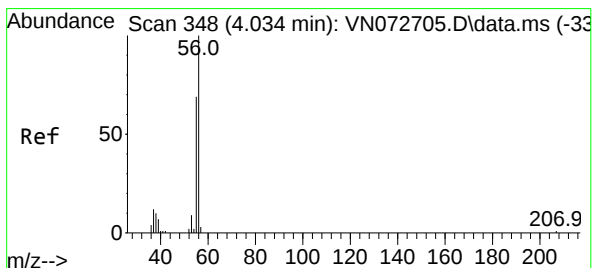
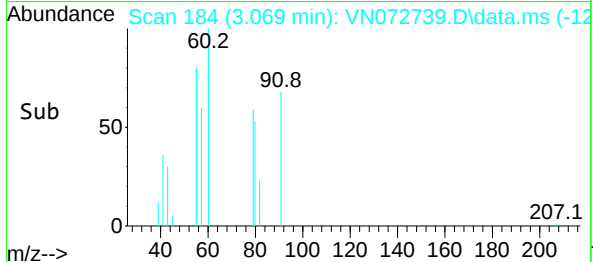
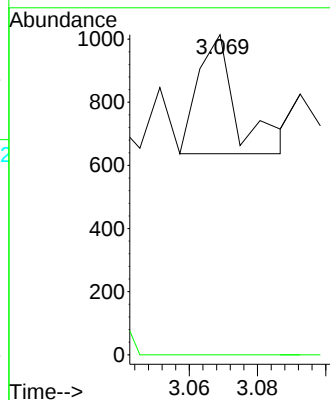
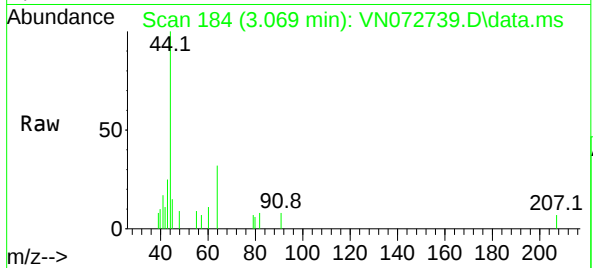




#6
Chloroethane
Concen: Below Cal
RT: 3.069 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

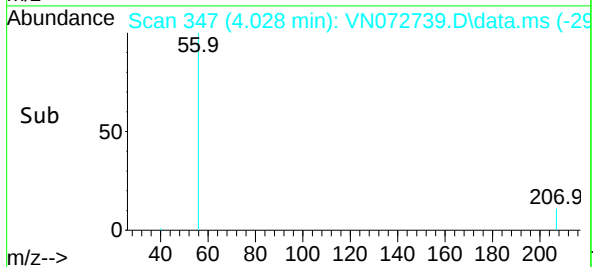
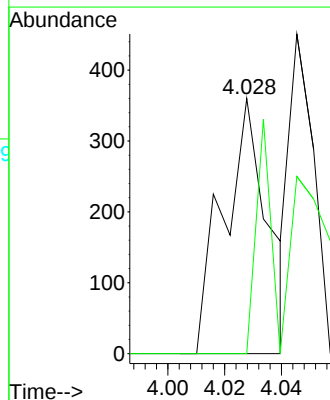
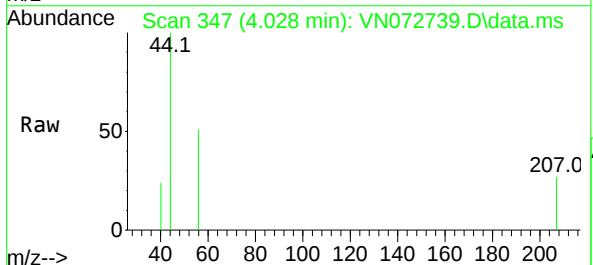
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

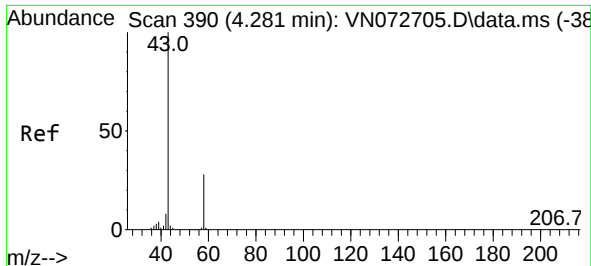
Tgt Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#13
Acrolein
Concen: 0.872 ug/l
RT: 4.028 min Scan# 347
Delta R.T. -0.006 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 56 Resp: 389
Ion Ratio Lower Upper
56 100
55 30.1 54.8 82.2#

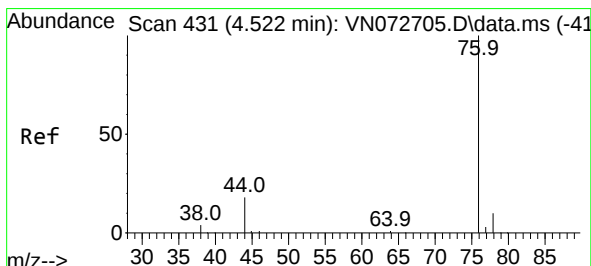
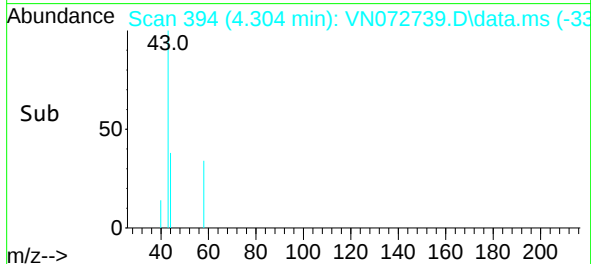
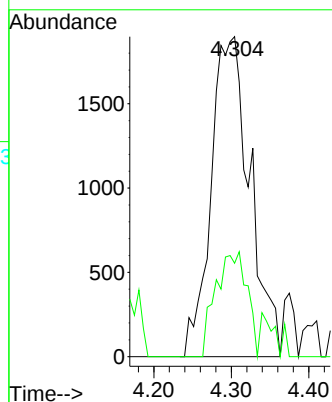
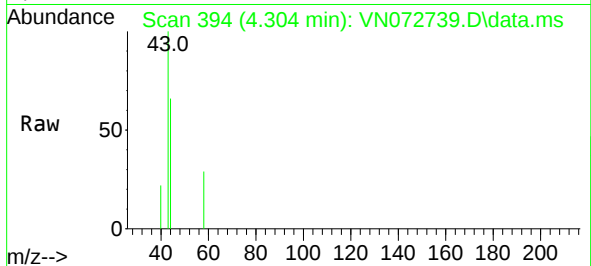




#16
Acetone
Concen: 3.047 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

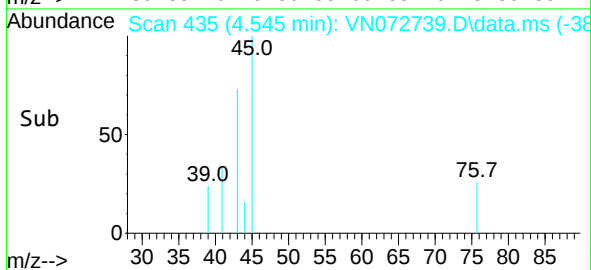
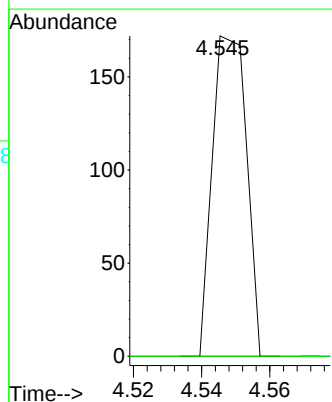
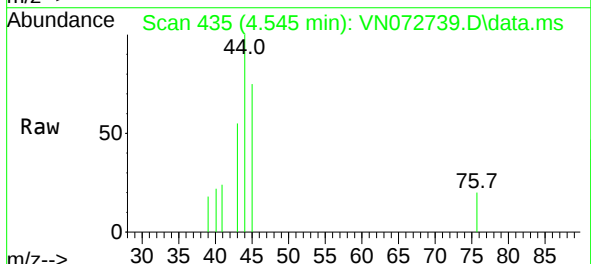
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

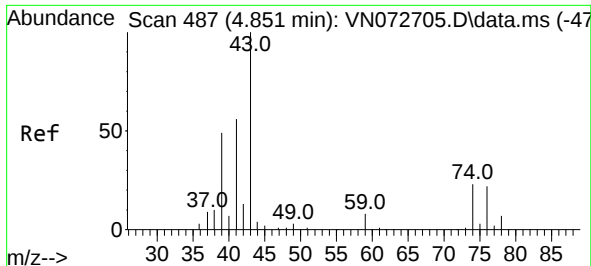
Tgt Ion: 43 Resp: 6608
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0



#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 4.545 min Scan# 435
Delta R.T. 0.023 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 76 Resp: 120
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

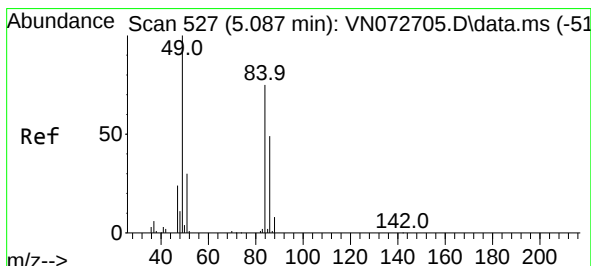
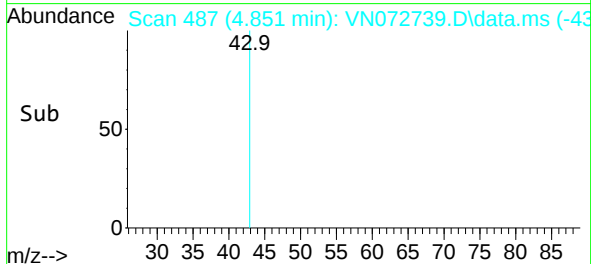
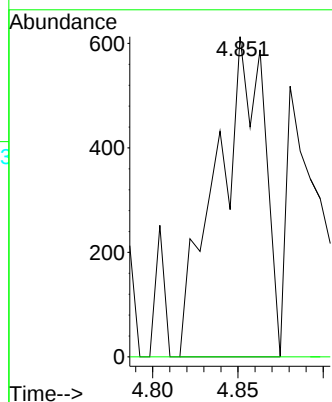
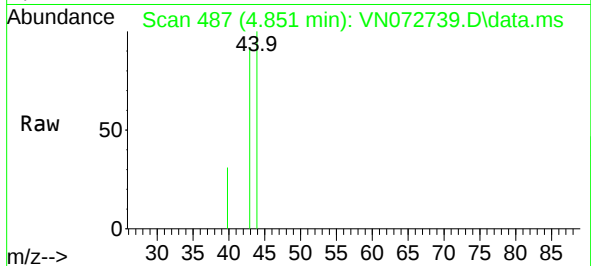




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

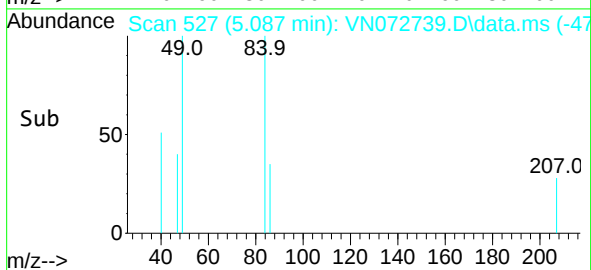
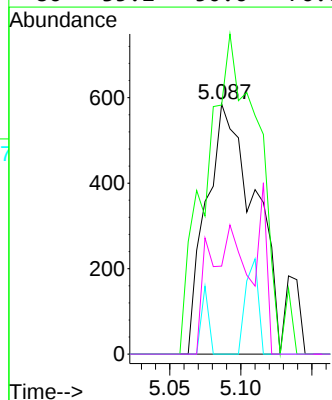
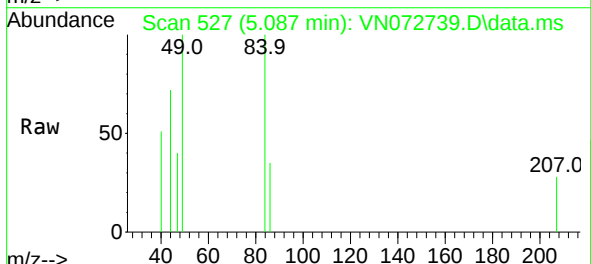
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

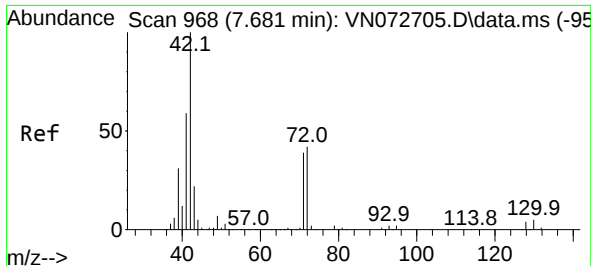
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 84 Resp: 1388
Ion Ratio Lower Upper
84 100
49 99.7 88.3 132.5
51 0.0 28.2 42.2#
86 35.2 50.6 76.0#





#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 7.698 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN072739.D

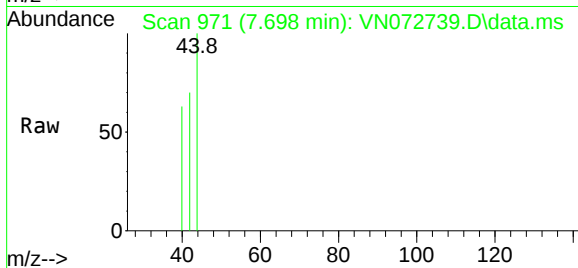
Acq: 09 Jun 2022 18:42

Instrument :

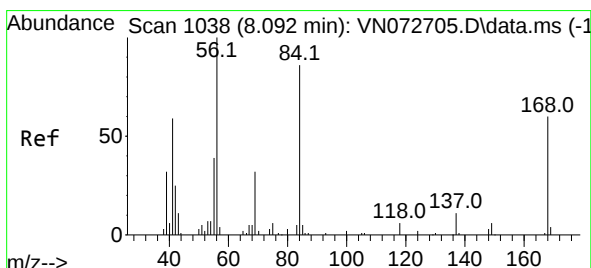
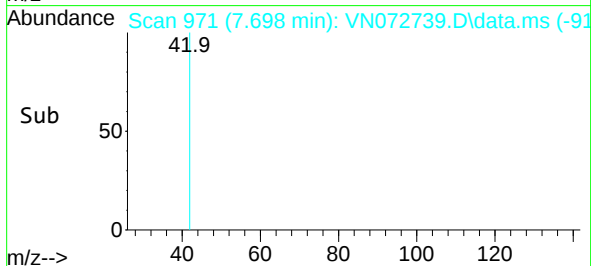
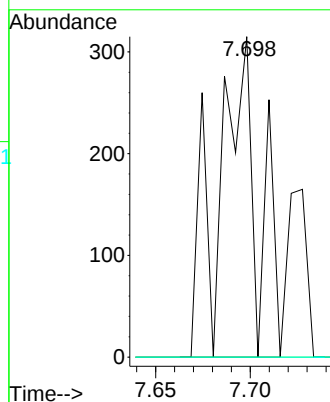
MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:	42	Resp:	461
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	0.0	36.6	55.0#



#31

Cyclohexane

Concen: 0.451 ug/l

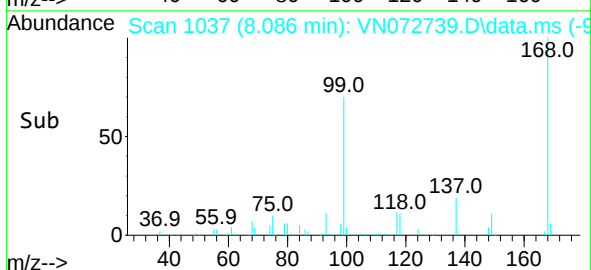
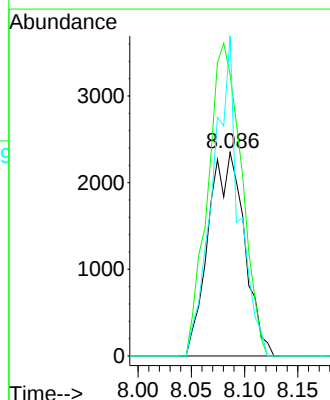
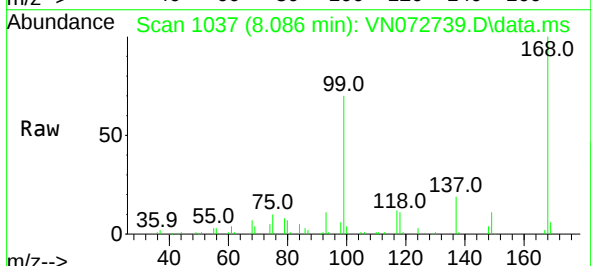
RT: 8.086 min Scan# 1037

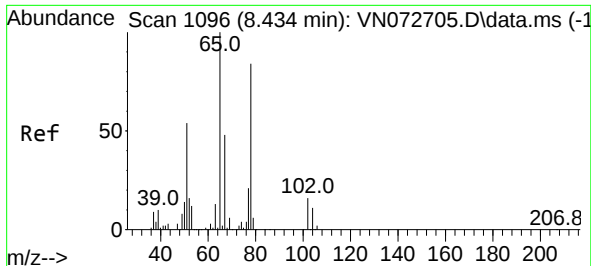
Delta R.T. -0.006 min

Lab File: VN072739.D

Acq: 09 Jun 2022 18:42

Tgt Ion:	56	Resp:	5536
Ion	Ratio	Lower	Upper
56	100		
69	138.4	27.8	41.8#
84	157.3	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 58.473 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN072739.D

Acq: 09 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

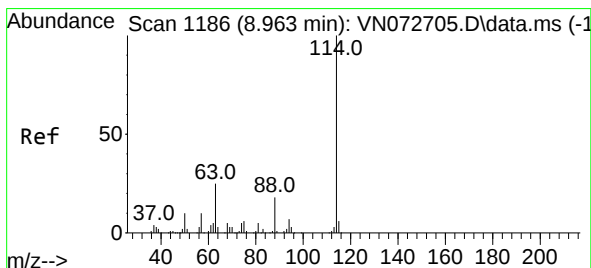
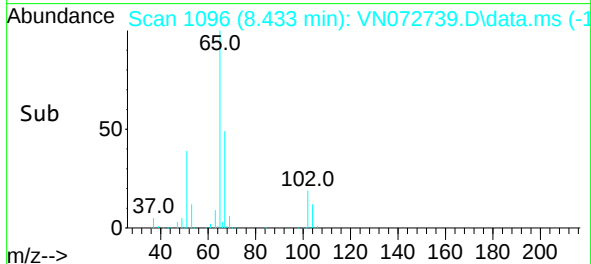
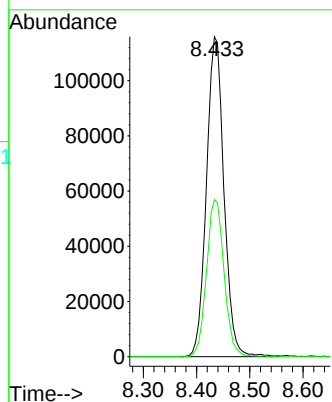
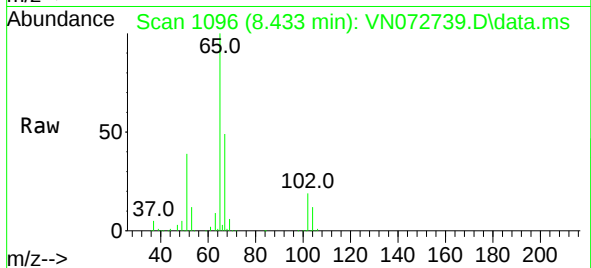
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 264610

Ion Ratio Lower Upper

65 100

67 49.3 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: VN072739.D

Acq: 09 Jun 2022 18:42

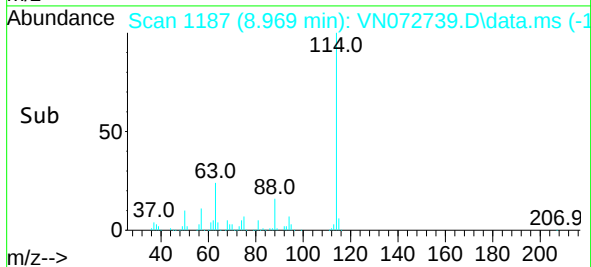
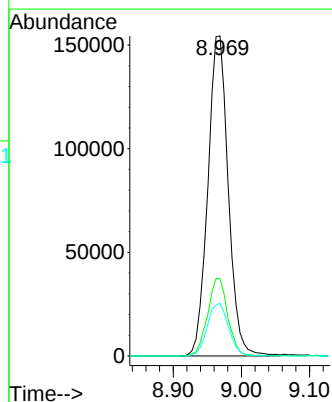
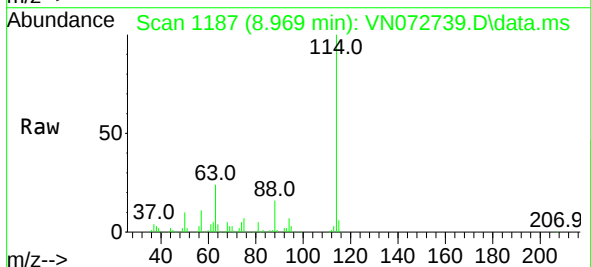
Tgt Ion: 114 Resp: 322512

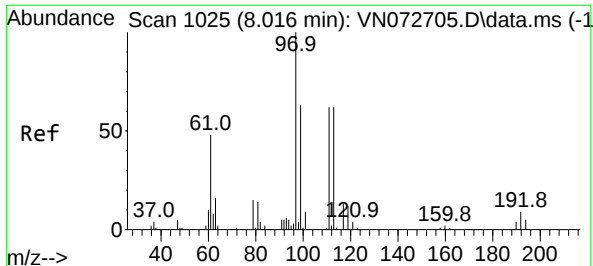
Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.0

88 16.5 0.0 32.6

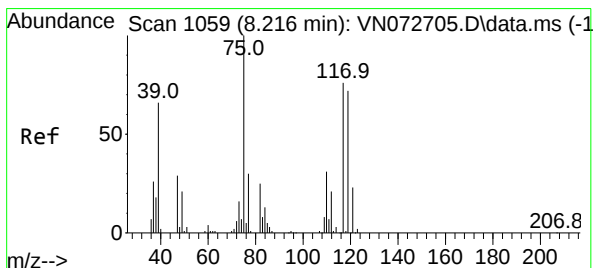
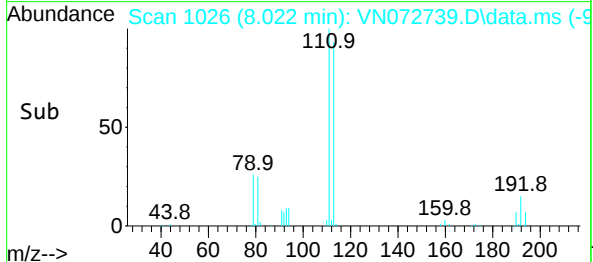
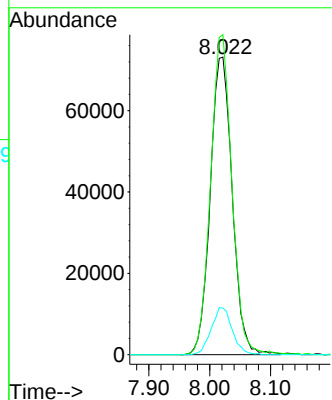
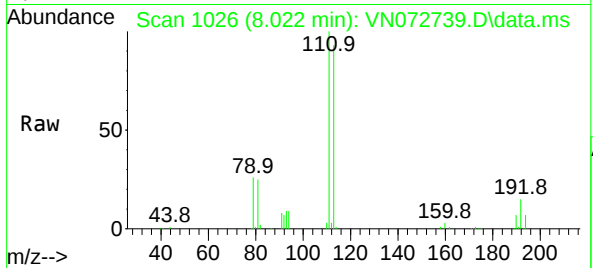




#35
Dibromofluoromethane
Concen: 57.611 ug/l
RT: 8.022 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

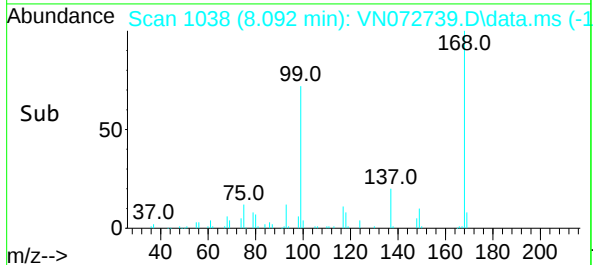
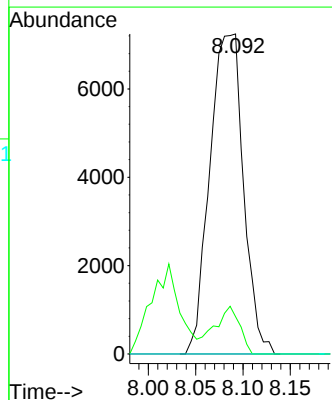
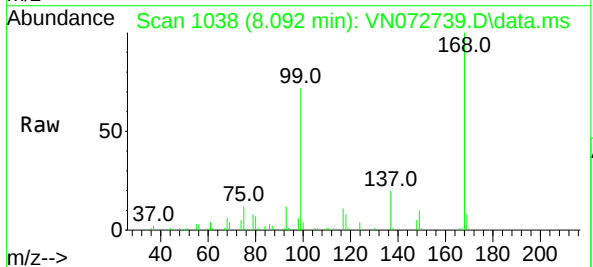
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

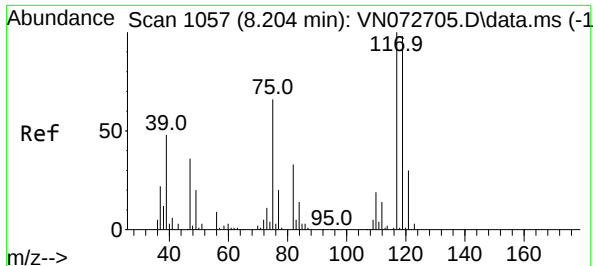
Tgt Ion:113 Resp: 183849
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 15.2 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.046 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.124 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 75 Resp: 17922
Ion Ratio Lower Upper
75 100
110 11.5 18.3 54.8#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 4.442 ug/l

RT: 8.086 min Scan# 110

Delta R.T. -0.118 min

Lab File: VN072739.D

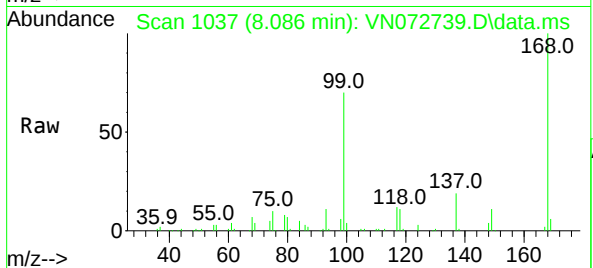
Acq: 09 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

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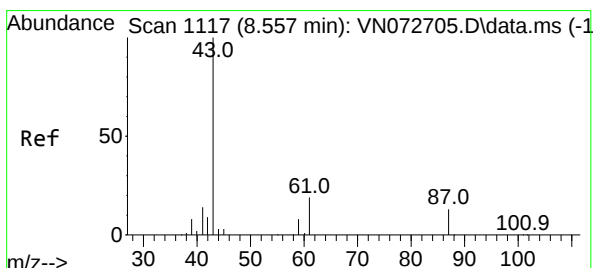
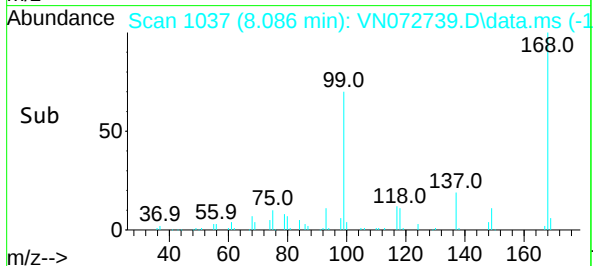
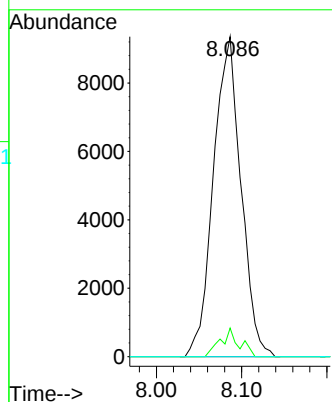
Tgt Ion: 117 Resp: 21029

Ion Ratio Lower Upper

117 100

119 9.0 75.8 113.8#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.206 ug/l

RT: 8.592 min Scan# 1123

Delta R.T. 0.035 min

Lab File: VN072739.D

Acq: 09 Jun 2022 18:42

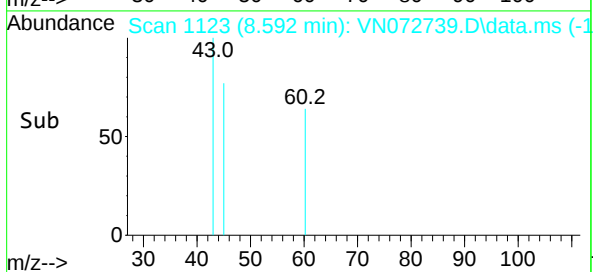
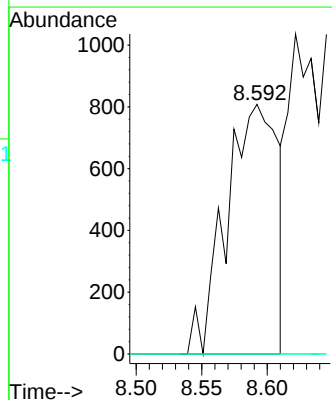
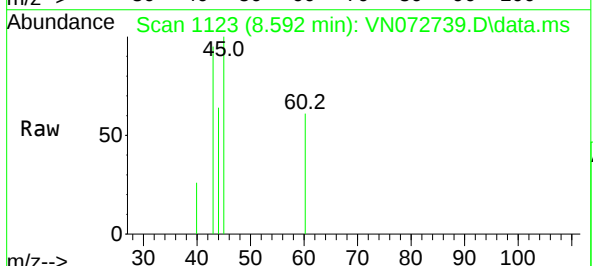
Tgt Ion: 43 Resp: 2210

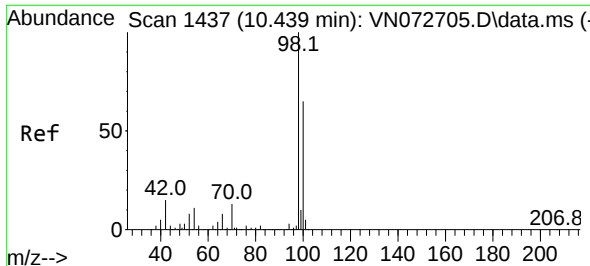
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

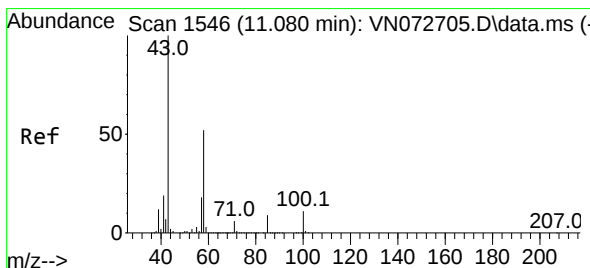
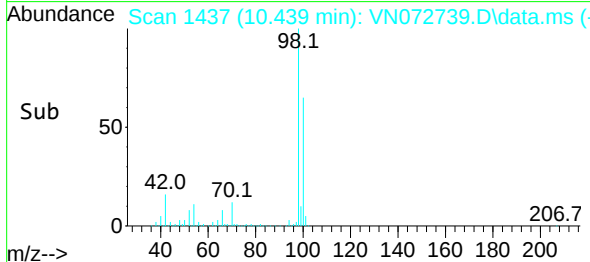
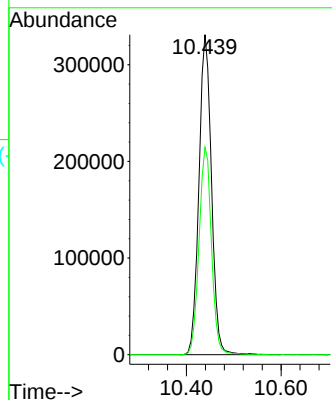
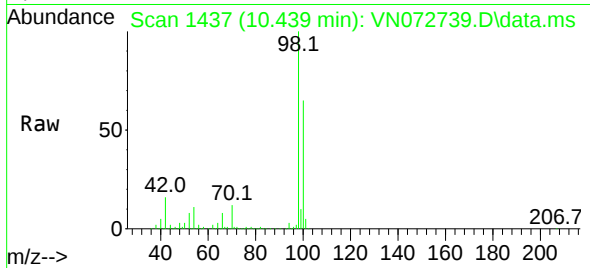




#50
Toluene-d8
Concen: 47.688 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

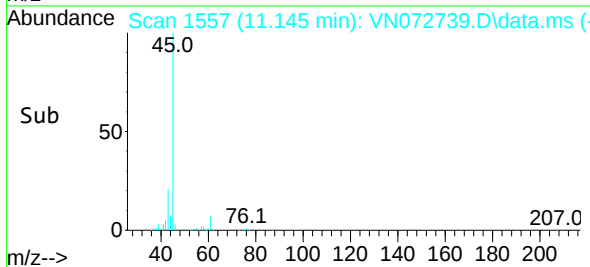
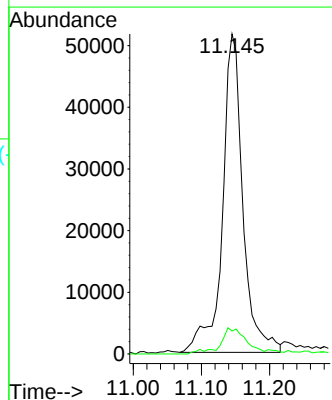
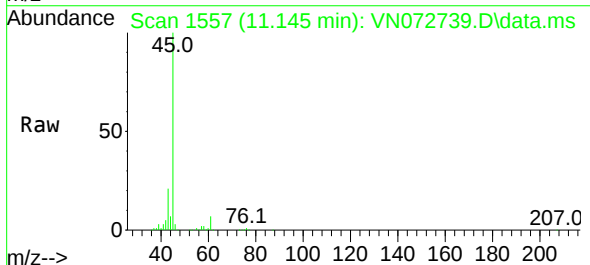
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

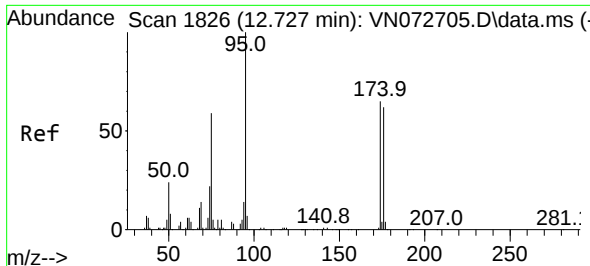
Tgt Ion: 98 Resp: 607172
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#59
2-Hexanone
Concen: 20.938 ug/l
RT: 11.145 min Scan# 1557
Delta R.T. 0.065 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 43 Resp: 107463
Ion Ratio Lower Upper
43 100
58 8.1 29.7 89.1#

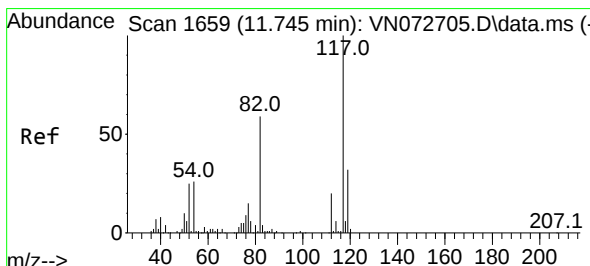
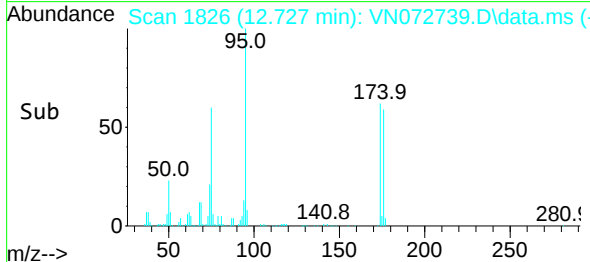
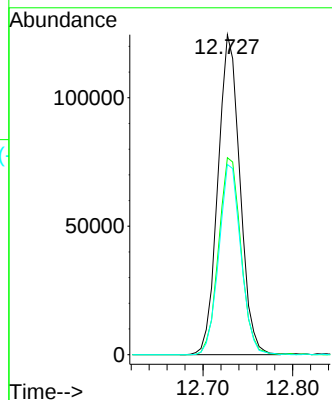
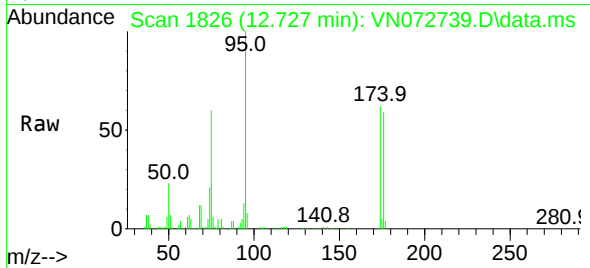




#62
4-Bromofluorobenzene
Concen: 48.518 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

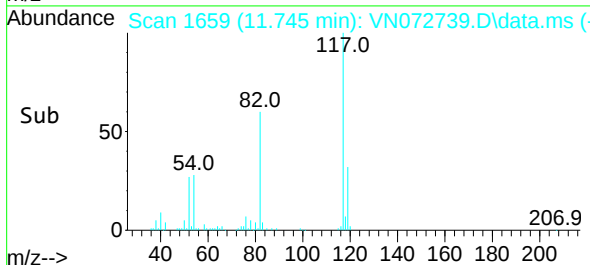
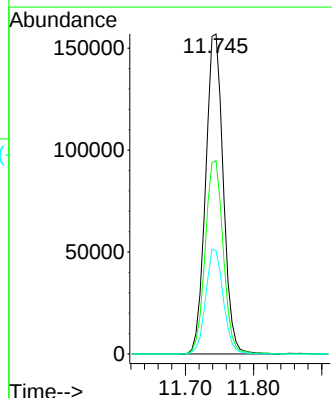
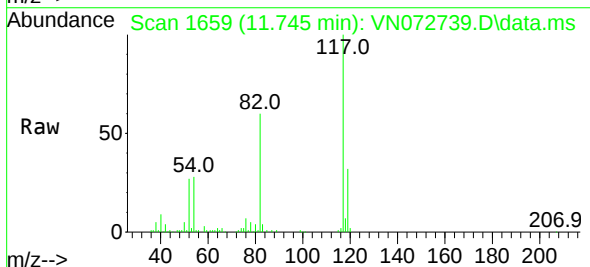
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

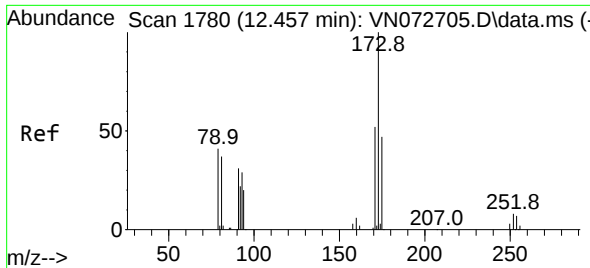
Tgt Ion: 95 Resp: 211976
Ion Ratio Lower Upper
95 100
174 62.5 0.0 167.6
176 59.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 117 Resp: 282695
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 32.3 25.4 38.0

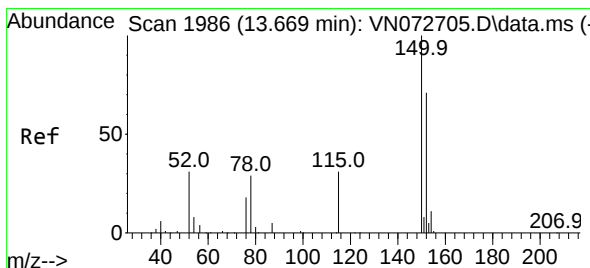
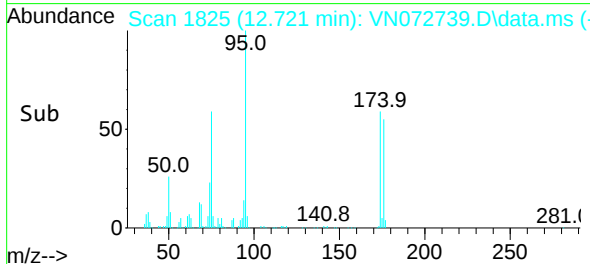
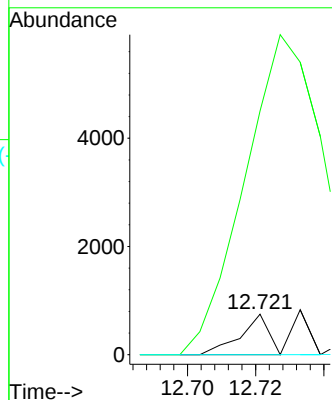
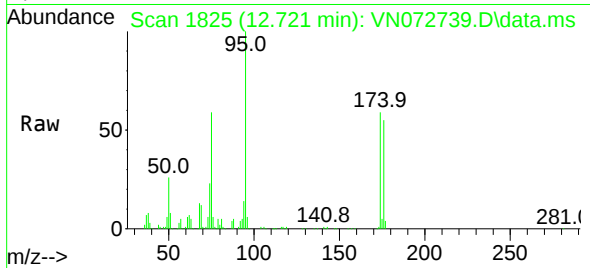




#71
Bromoform
Concen: 0.205 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.264 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

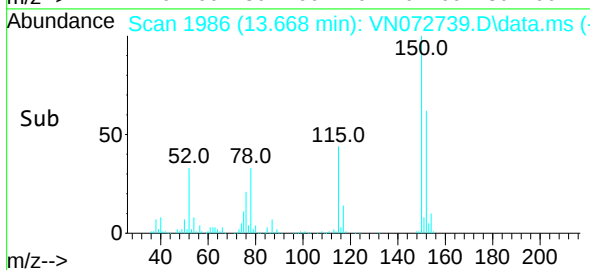
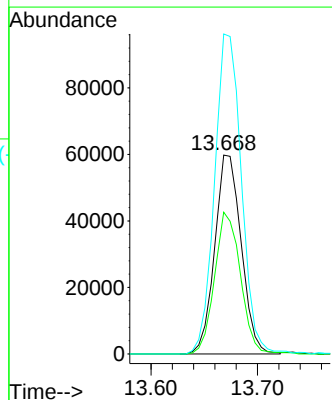
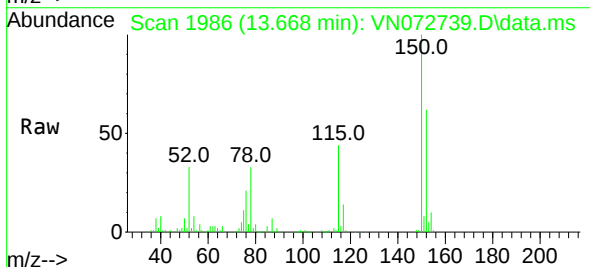
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

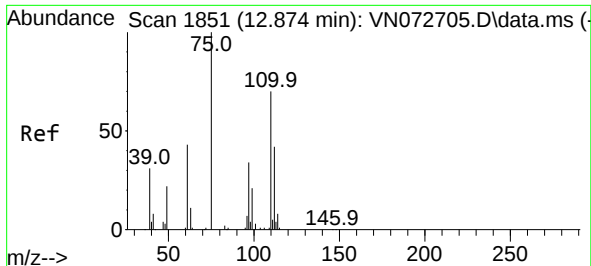
Tgt Ion:173 Resp: 433
Ion Ratio Lower Upper
173 100
175 1673.2 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion:152 Resp: 103221
Ion Ratio Lower Upper
152 100
115 69.7 28.9 86.7
150 163.0 0.0 356.2

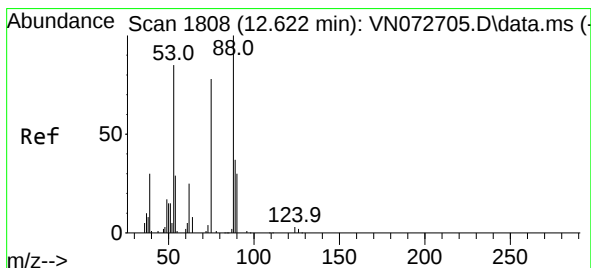
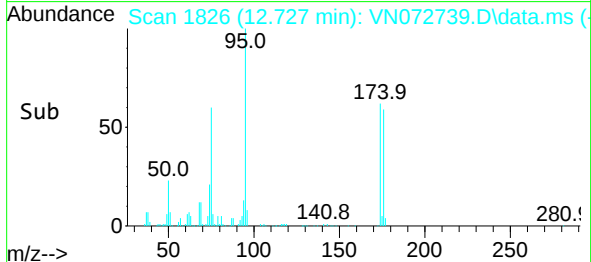
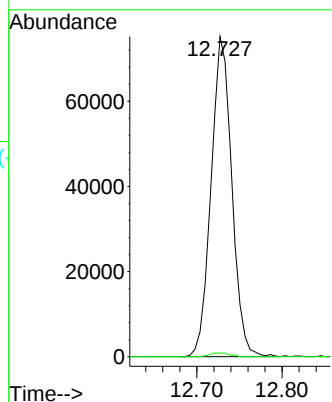
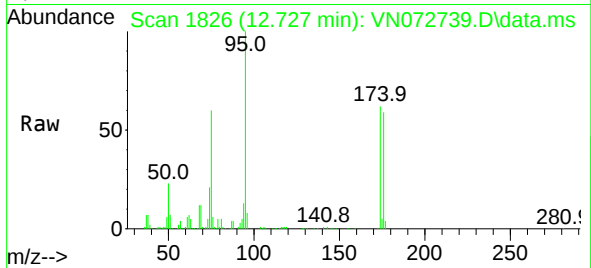




#76
1,2,3-Trichloropropane
Concen: 38.154 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

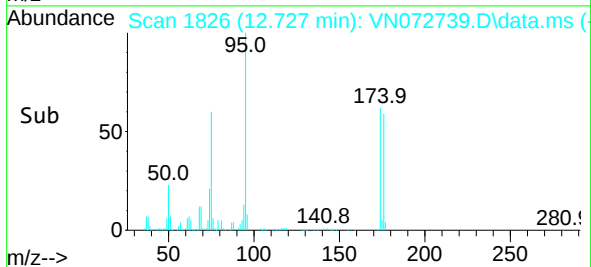
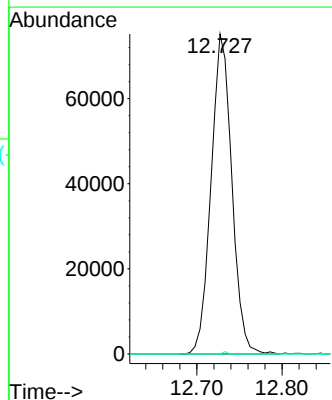
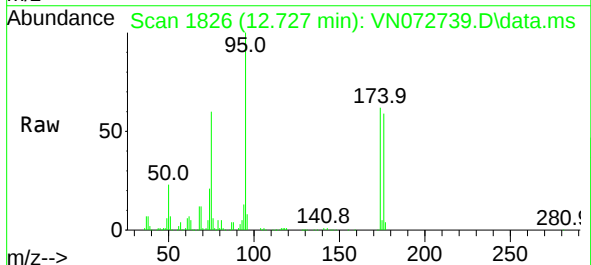
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

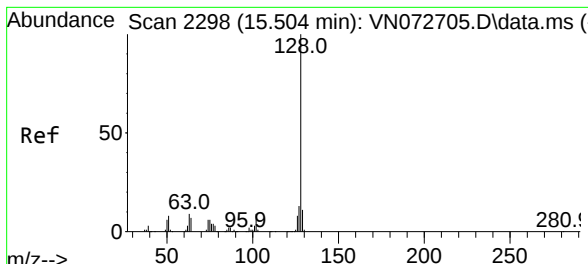
Tgt Ion: 75 Resp: 127086
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.783 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072739.D
Acq: 09 Jun 2022 18:42

Tgt Ion: 75 Resp: 127086
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.2 37.2 55.8#





#95
 Naphthalene
 Concen: 0.289 ug/l
 RT: 15.509 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN072739.D
 Acq: 09 Jun 2022 18:42

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

Tgt Ion:	128	Resp:	1959
Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.3	15.5#
129	4.0	8.6	13.0#

