

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022153.D
 Acq On : 24 May 2021 17:23
 Operator : JC/MD
 Sample : M2497-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 25 02:08:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

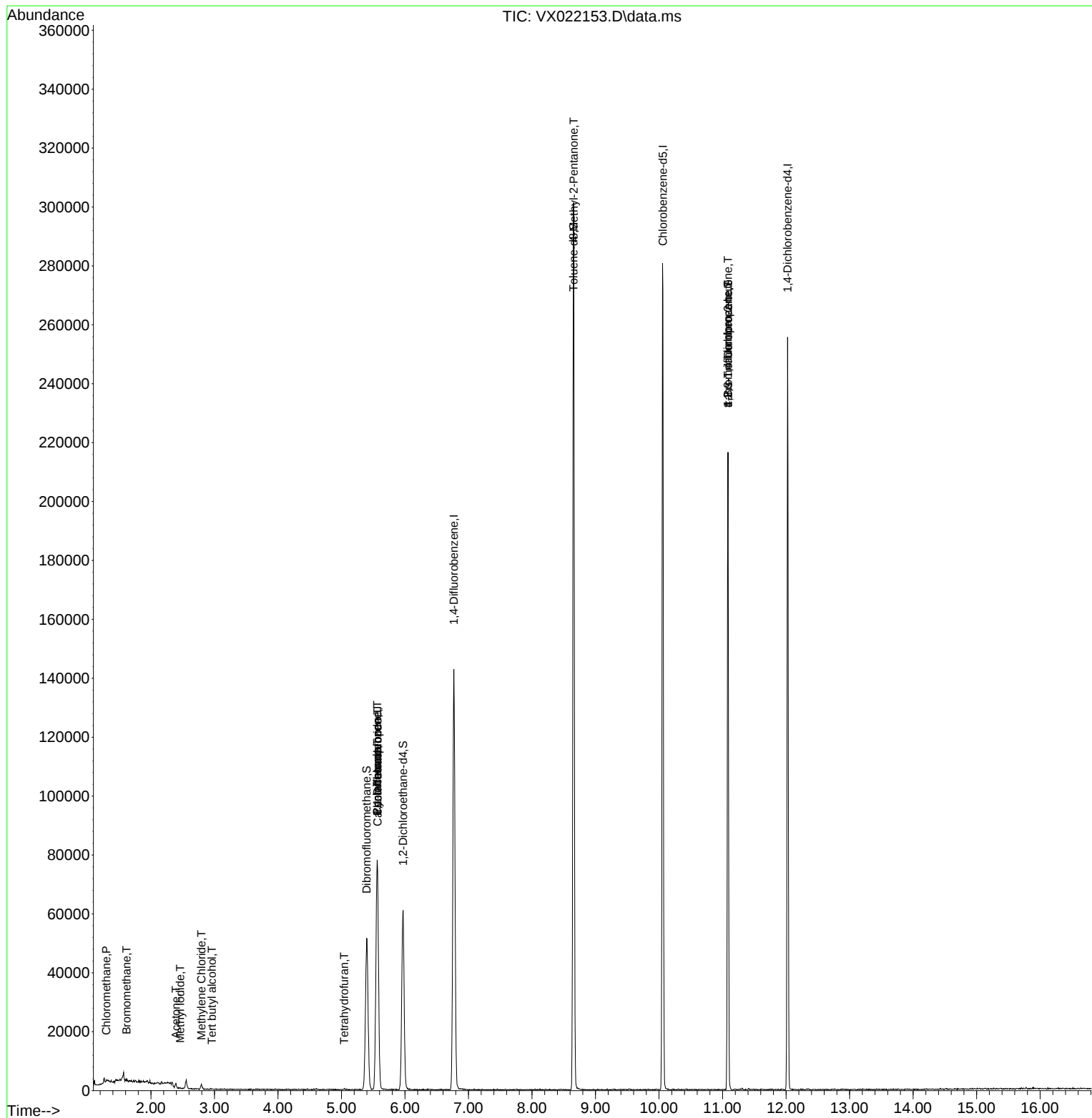
Internal Standards						
1) Pentafluorobenzene	5.562	168	68662	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	143341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	124828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	55185	52.10	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.20%	
35) Dibromofluoromethane	5.397	113	44311	48.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.50%	
50) Toluene-d8	8.653	98	174880	49.94	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.88%	
62) 4-Bromofluorobenzene	11.085	95	60503	46.75	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.50%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	182	0.20	ug/l	# 72
5) Bromomethane	1.617	94	295	0.53	ug/l	# 35
10) Methyl Iodide	2.459	142	259	0.30	ug/l	# 62
11) Tert butyl alcohol	2.959	59	87	0.36	ug/l	# 73
16) Acetone	2.392	43	1674	3.63	ug/l	# 87
20) Methylene Chloride	2.794	84	943	0.92	ug/l	# 75
29) Tetrahydrofuran	5.044	42	125	0.28	ug/l	# 27
31) Cyclohexane	5.562	56	1813	1.36	ug/l	# 17
36) 1,1-Dichloropropene	5.562	75	6302	4.75	ug/l	# 49
38) Carbon Tetrachloride	5.568	117	7987	6.16	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.659	43	983	0.62	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	31131	26.40	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	31131	62.55	ug/l	# 12

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

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Quant Time: May 25 02:08:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

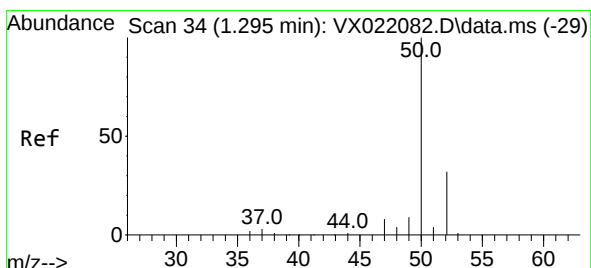
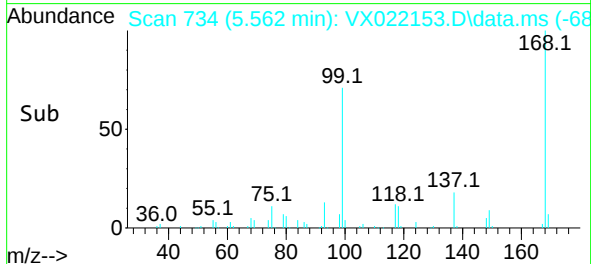
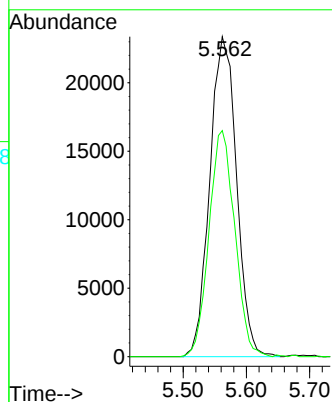
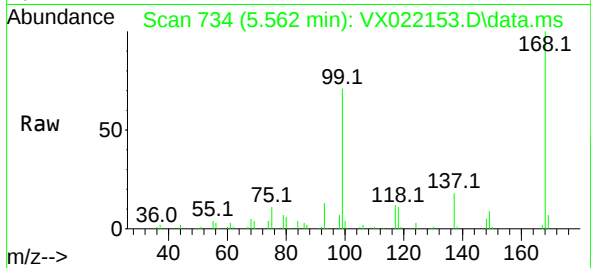




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

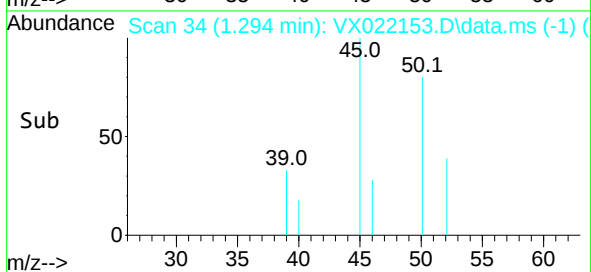
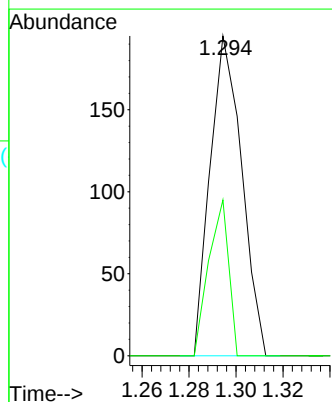
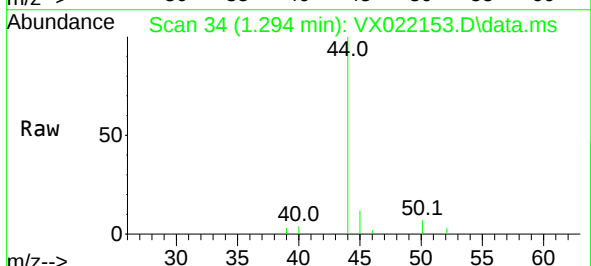
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

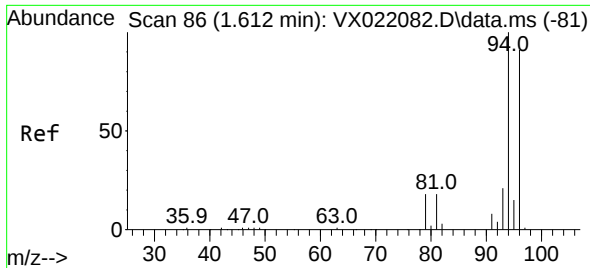
Tgt Ion:168 Resp: 68662
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 50 Resp: 182
Ion Ratio Lower Upper
50 100
52 48.7 26.4 39.6#

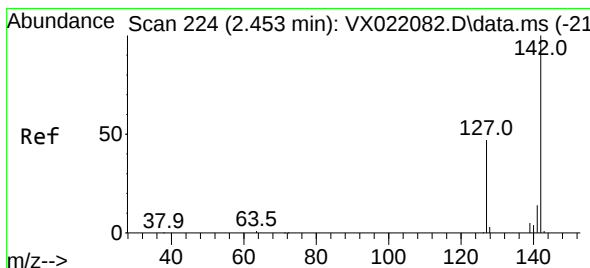
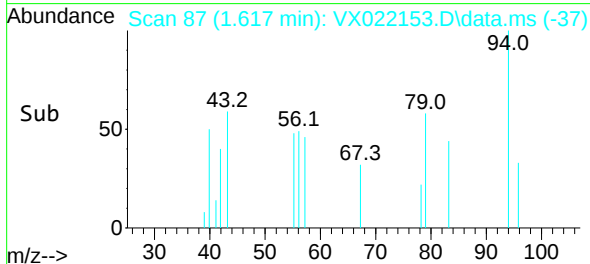
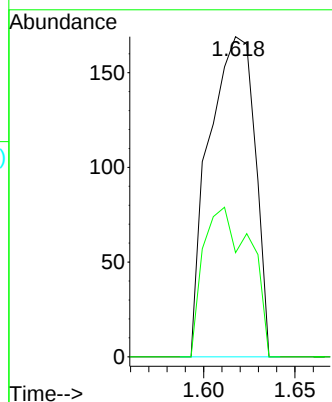
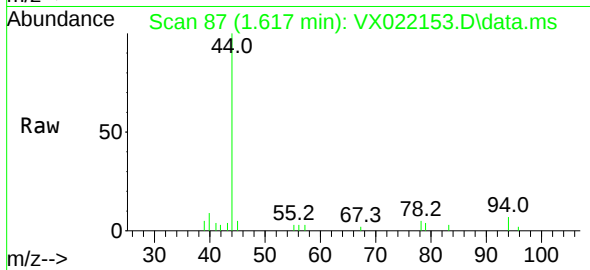




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

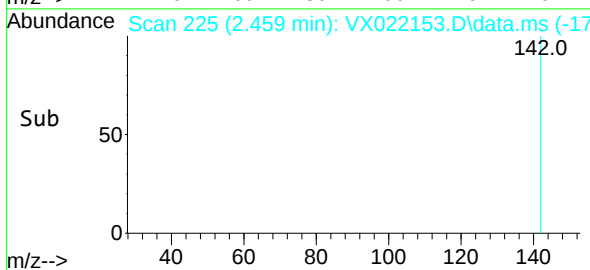
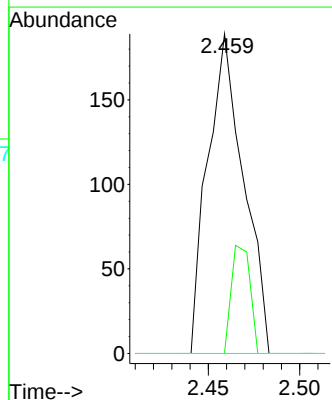
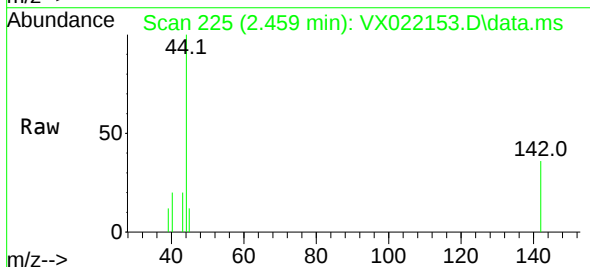
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

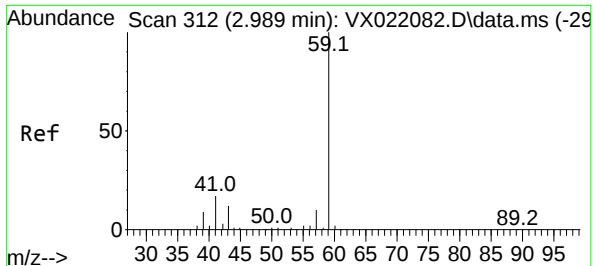
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 32.5 76.4 114.6#



#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 142 Resp: 259
Ion Ratio Lower Upper
142 100
127 17.4 33.3 49.9#
141 0.0 11.4 17.0#



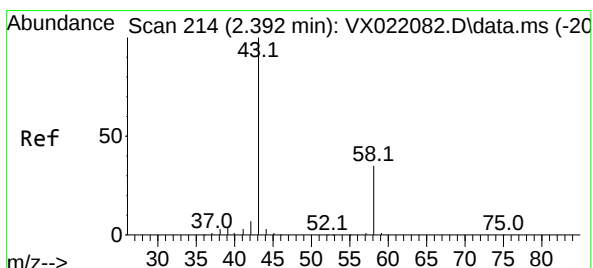
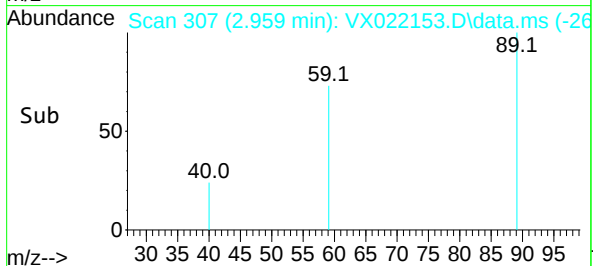
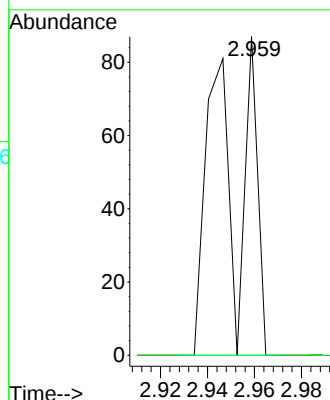
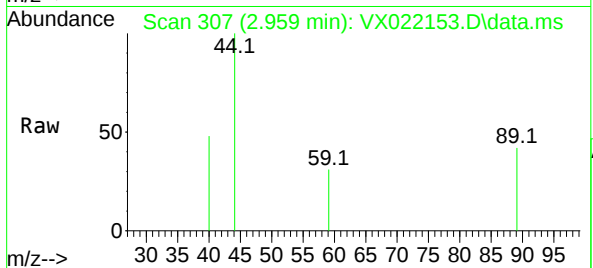


#11

Tert butyl alcohol
Concen: 0.36 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

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

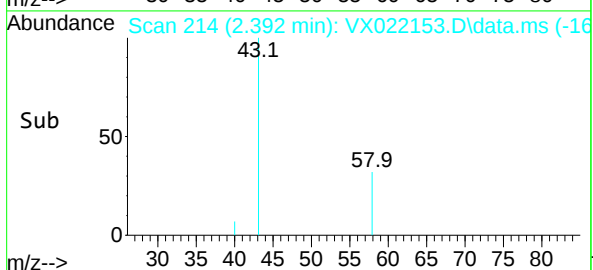
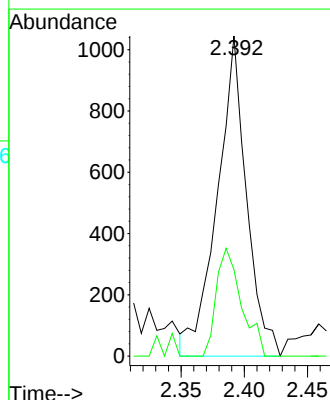
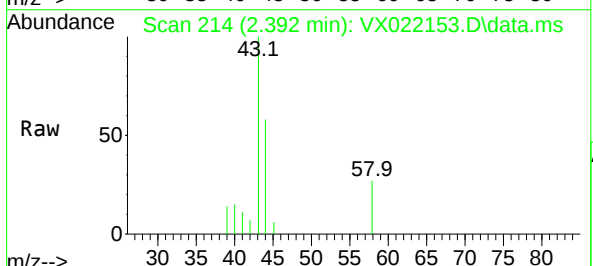
Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

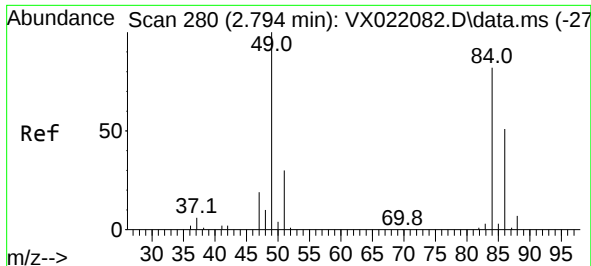


#16

Acetone
Concen: 3.63 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 27.0 27.8 41.8#

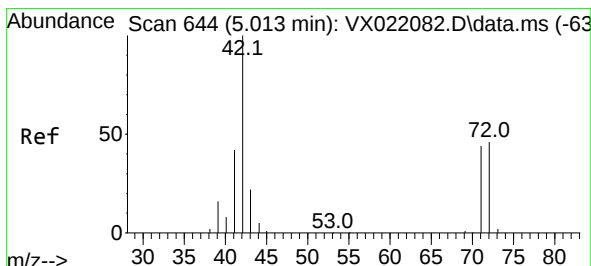
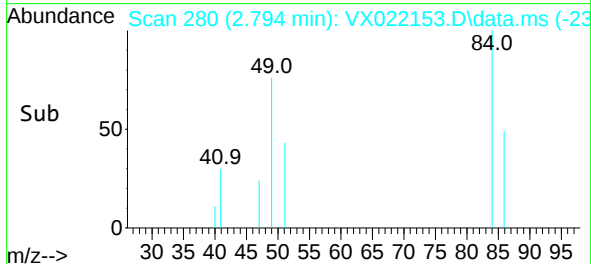
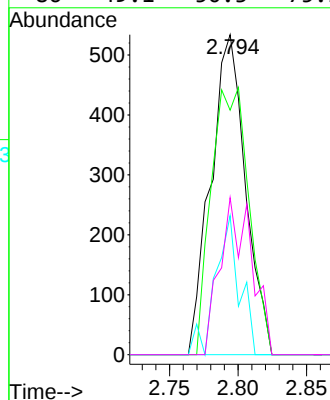
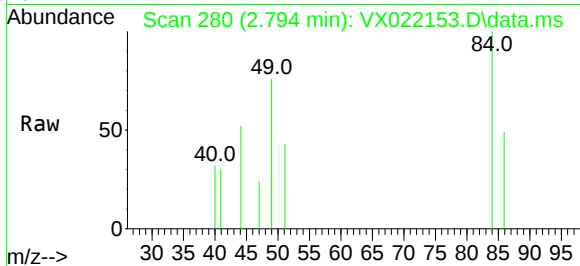




#20
Methylene Chloride
Concen: 0.92 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

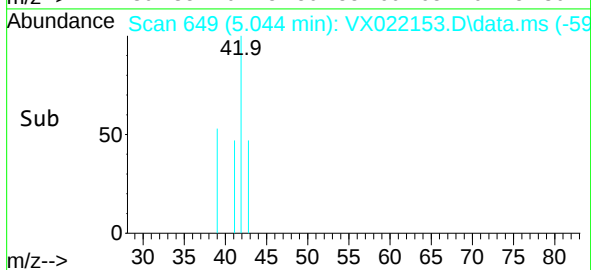
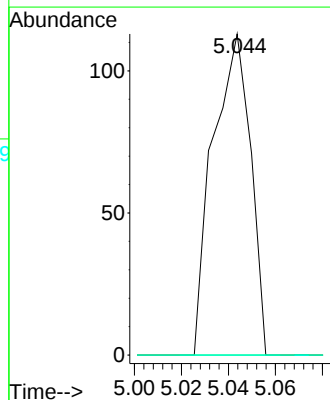
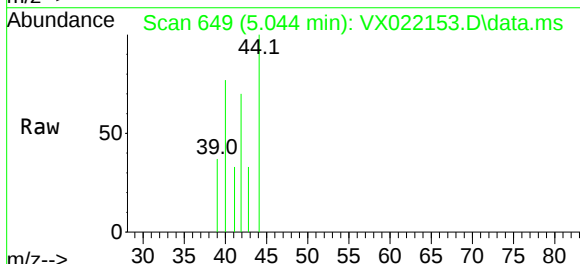
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

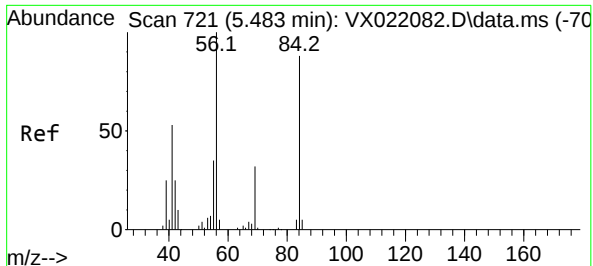
Tgt Ion:	84	Resp:	943
Ion	Ratio	Lower	Upper
84	100		
49	76.4	88.6	132.8#
51	43.4	27.0	40.6#
86	49.1	50.3	75.5#



#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion:	42	Resp:	125
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

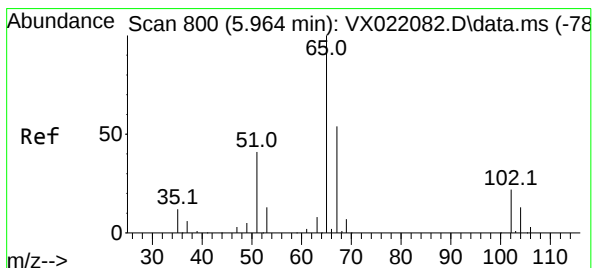
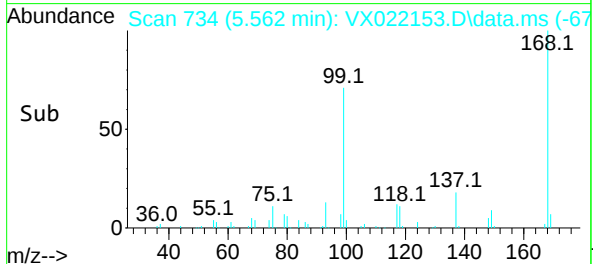
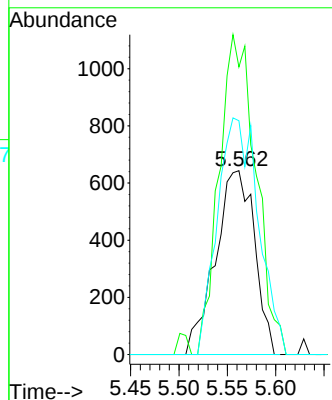
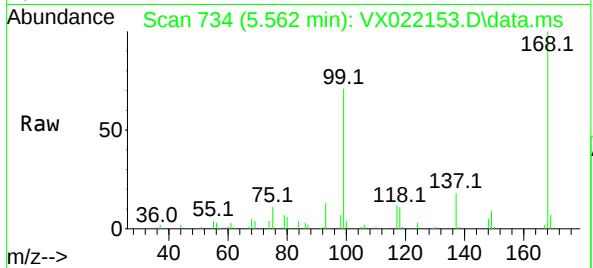




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

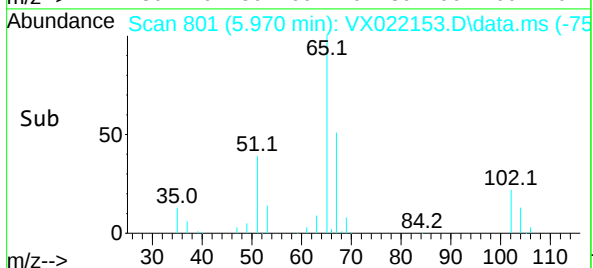
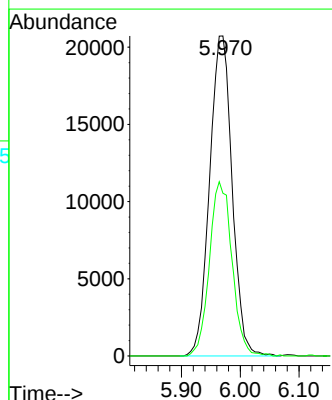
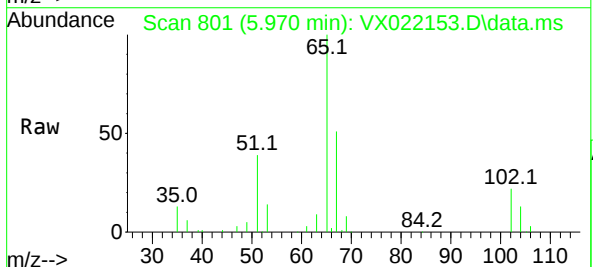
Instrument :
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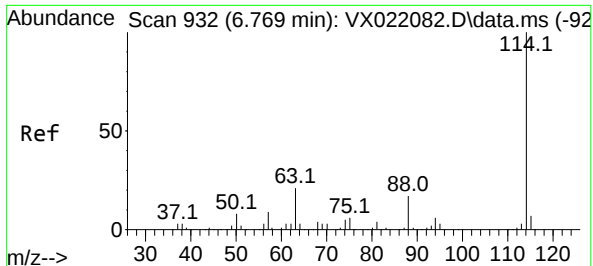
Tgt Ion: 56 Resp: 1813
Ion Ratio Lower Upper
56 100
69 144.9 25.3 37.9#
84 127.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.10 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 65 Resp: 55185
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.4

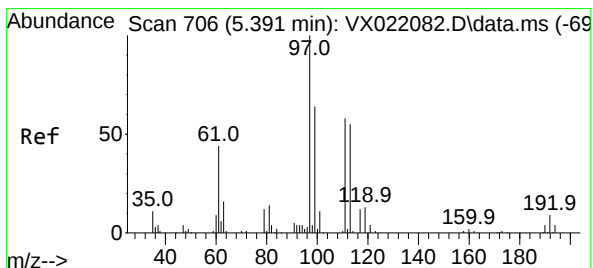
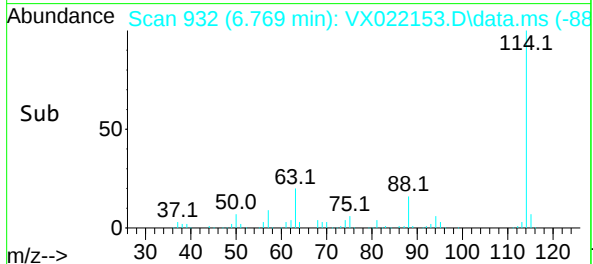
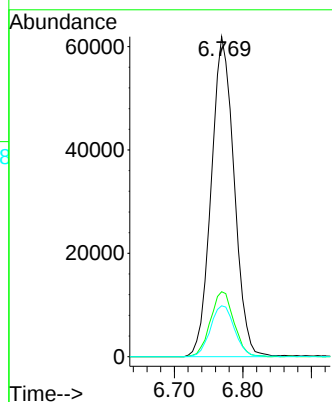
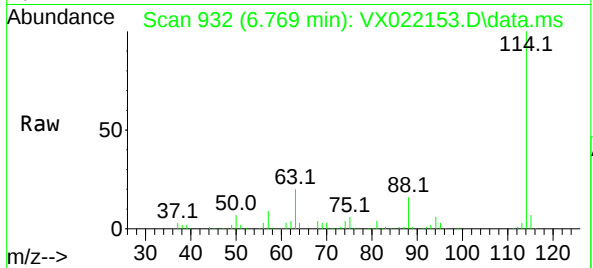




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

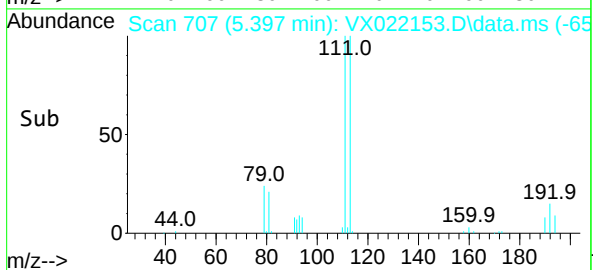
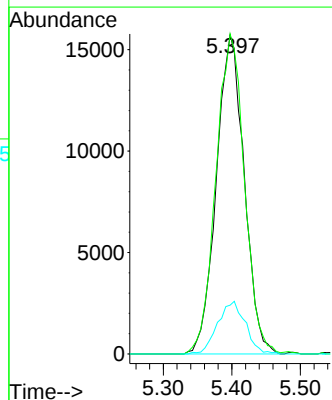
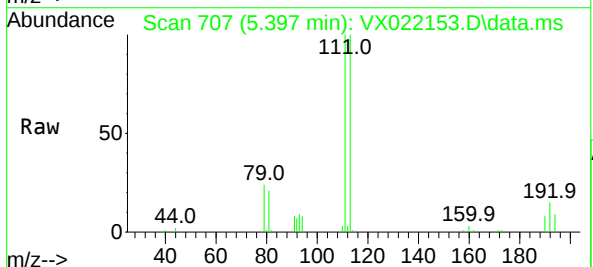
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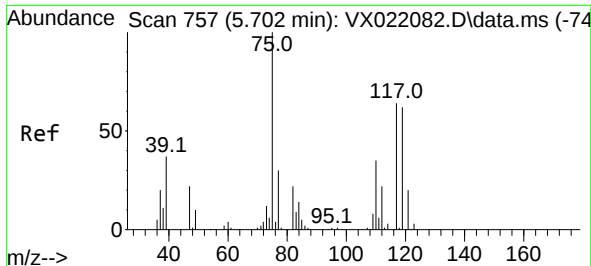
Tgt Ion:	114	Resp:	143341
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	40.8
88	15.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.75 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion:	113	Resp:	44311
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.9	122.9
192	16.5	16.7	25.1#





#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022153.D

Acq: 24 May 2021 17:23

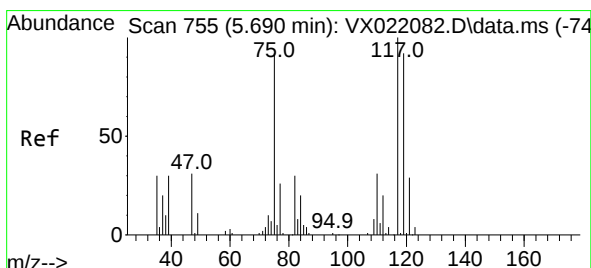
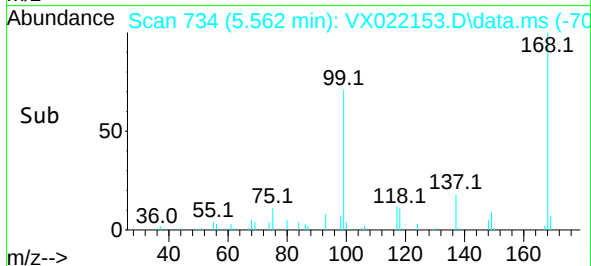
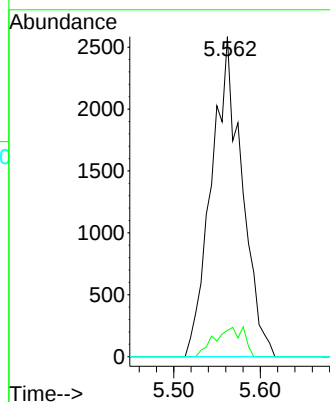
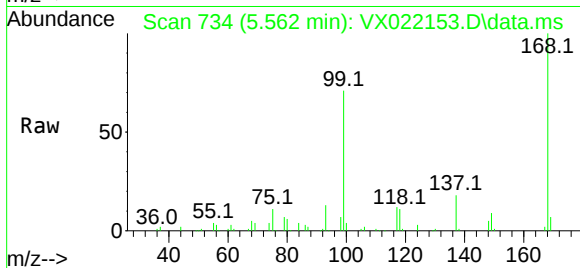
Tgt Ion:	75	Resp:	6302
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



#38

Carbon Tetrachloride

Concen: 6.16 ug/l

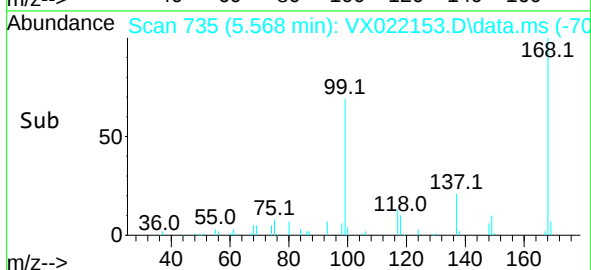
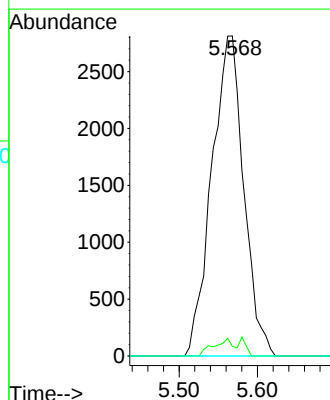
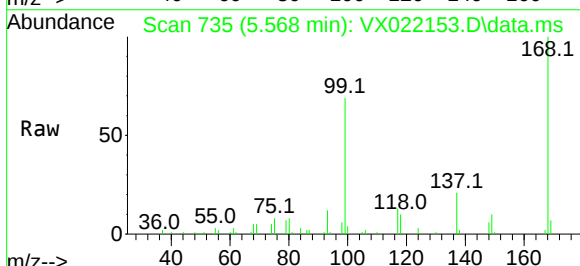
RT: 5.568 min Scan# 735

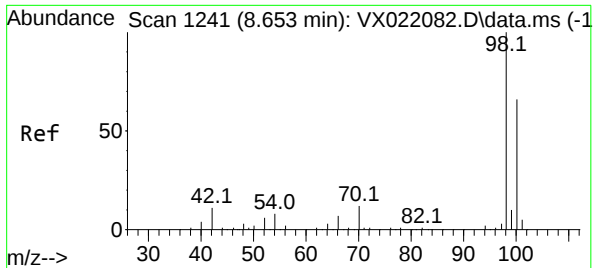
Delta R.T. -0.122 min

Lab File: VX022153.D

Acq: 24 May 2021 17:23

Tgt Ion:	117	Resp:	7987
Ion	Ratio	Lower	Upper
117	100		
119	3.0	76.2	114.2#
121	0.0	24.8	37.2#

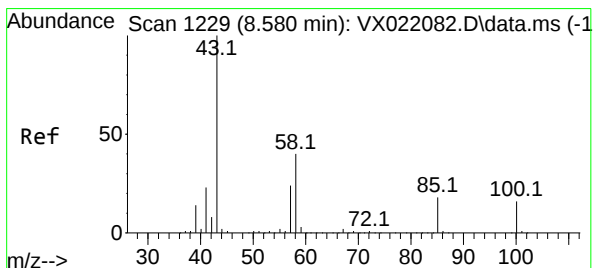
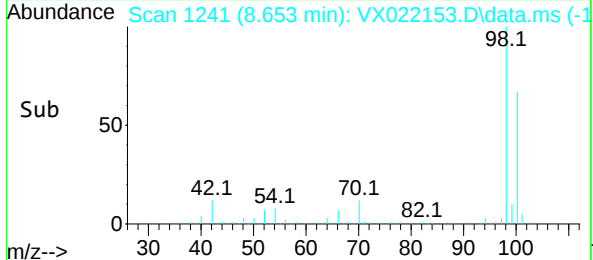
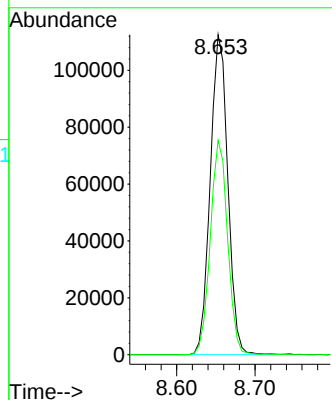
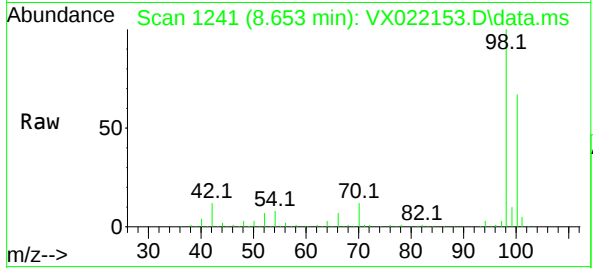




#50
Toluene-d8
Concen: 49.94 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

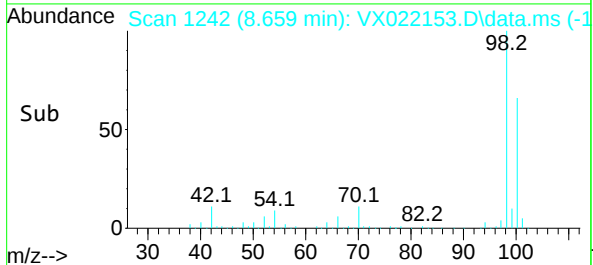
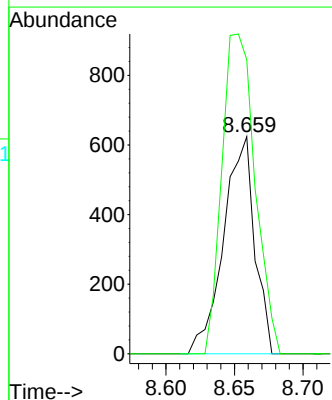
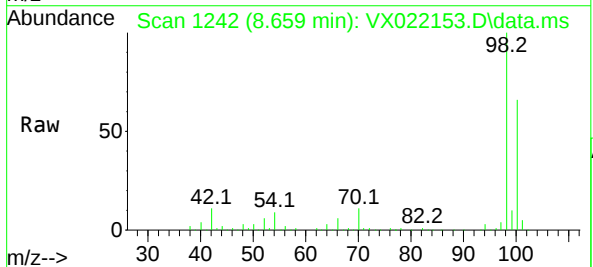
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

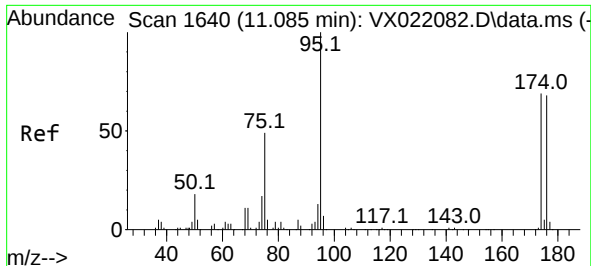
Tgt Ion: 98 Resp: 174880
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 157.6 35.4 53.0#

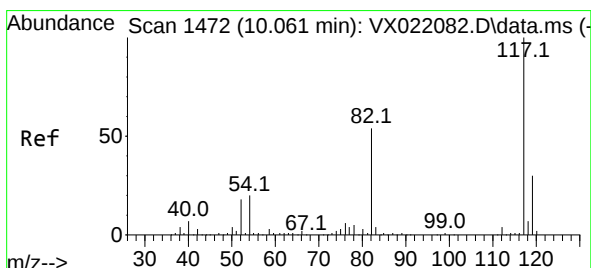
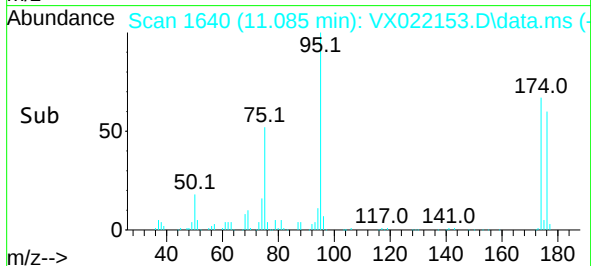
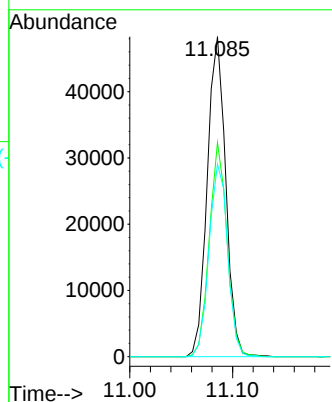
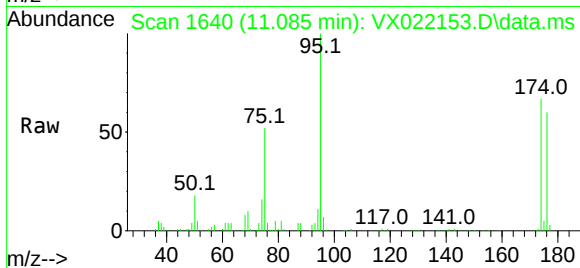




#62
4-Bromofluorobenzene
Concen: 46.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

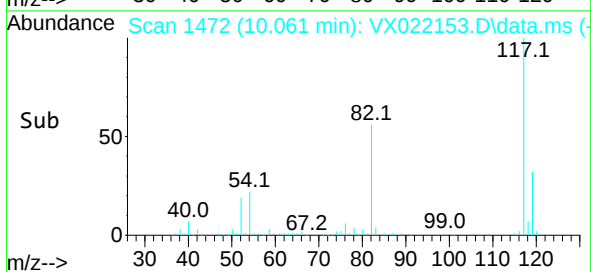
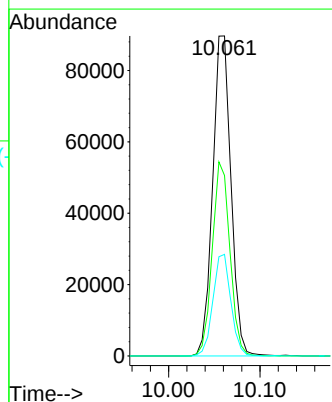
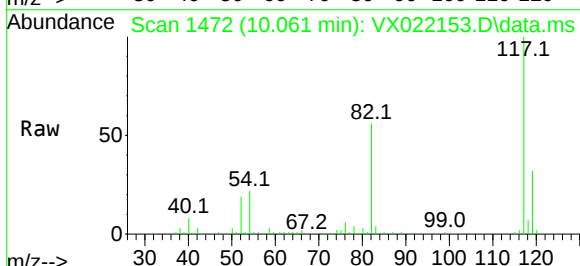
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

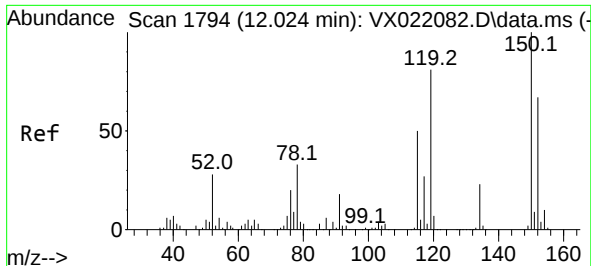
Tgt Ion: 95 Resp: 60503
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 117 Resp: 124828
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.8 26.6 39.8

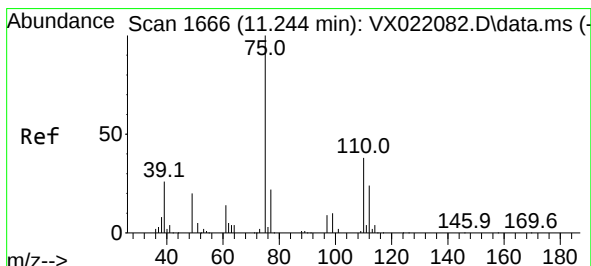
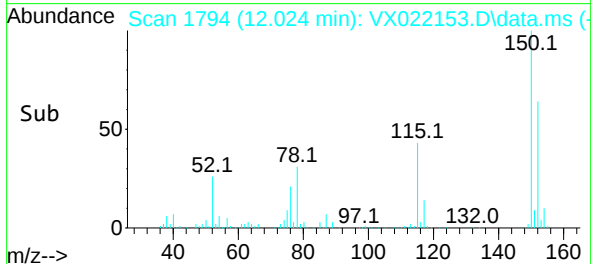
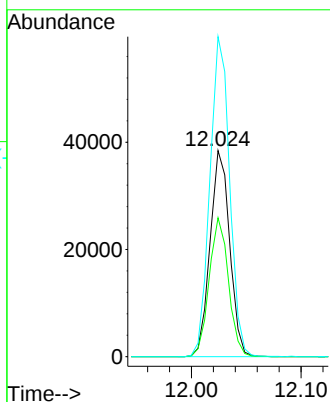
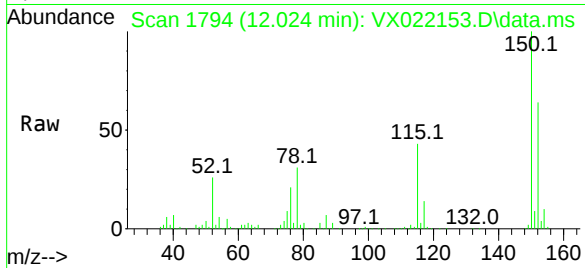




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

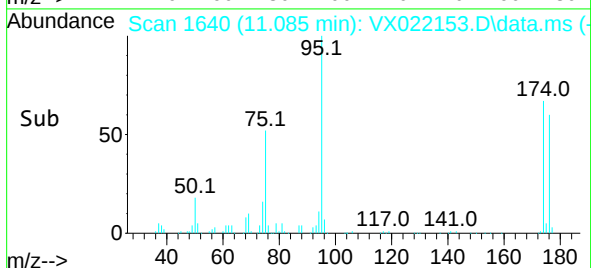
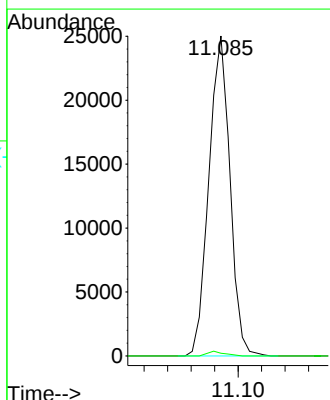
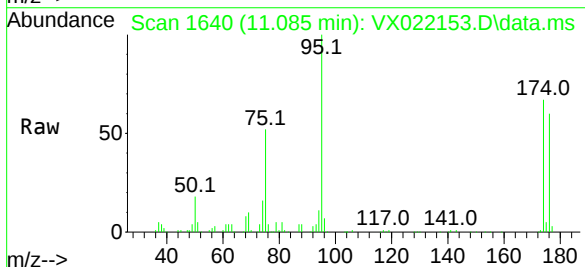
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

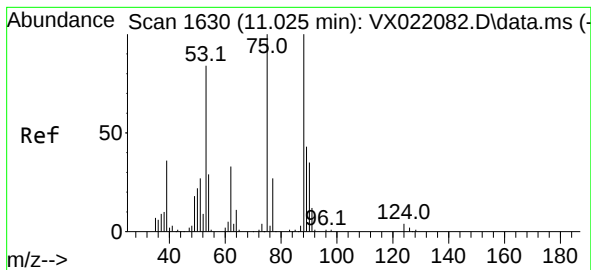
Tgt Ion:152 Resp: 47797
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.40 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022153.D
Acq: 24 May 2021 17:23

Tgt Ion: 75 Resp: 31131
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.55 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022153.D
 Acq: 24 May 2021 17:23

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

Tgt Ion: 75 Resp: 31131
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

