

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021763.D
 Acq On : 20 Apr 2021 19:05
 Operator : JC/MD
 Sample : M2064-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Apr 21 11:23:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

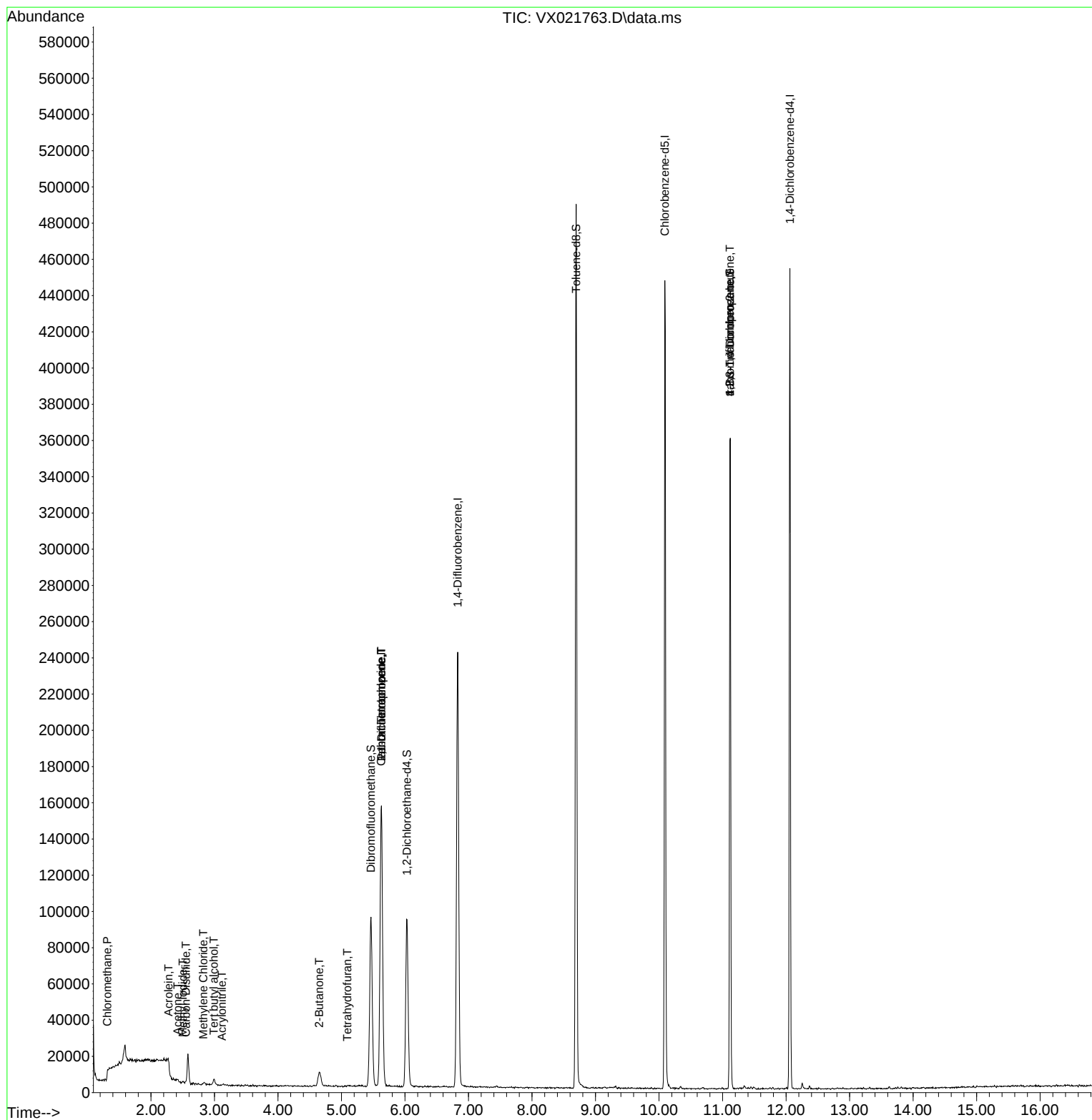
Internal Standards						
1) Pentafluorobenzene	5.629	168	154337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	258606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	225389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	97003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	87820	50.16	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.32%
35) Dibromofluoromethane	5.465	113	82078	49.63	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.26%
50) Toluene-d8	8.696	98	306672	48.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.46%
62) 4-Bromofluorobenzene	11.116	95	105466	44.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.82%
Target Compounds						Qvalue
3) Chloromethane	1.313	50	3782	2.23	ug/l	95
10) Methyl Iodide	2.502	142	411	8.45	ug/l #	85
11) Tert butyl alcohol	2.989	59	1849	4.82	ug/l #	91
13) Acrolein	2.276	56	332	1.07	ug/l #	1
15) Acrylonitrile	3.117	53	183	0.24	ug/l #	45
16) Acetone	2.416	43	1645	2.73	ug/l	91
17) Carbon Disulfide	2.550	76	905	0.22	ug/l #	87
20) Methylene Chloride	2.825	84	726	0.40	ug/l #	66
25) 2-Butanone	4.648	43	803	0.79	ug/l #	45
29) Tetrahydrofuran	5.093	42	335	0.51	ug/l #	41
36) 1,1-Dichloropropene	5.629	75	10840	4.75	ug/l #	49
38) Carbon Tetrachloride	5.623	117	14771	5.91	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	48420	25.17	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	48420	57.88	ug/l #	12

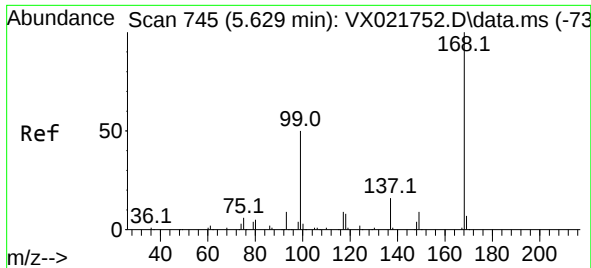
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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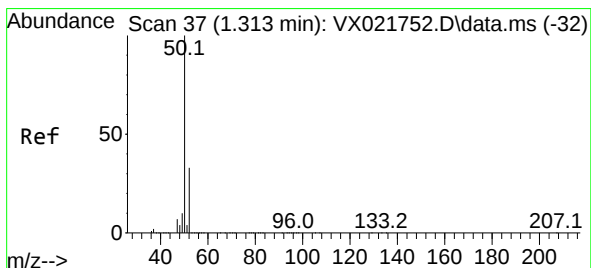
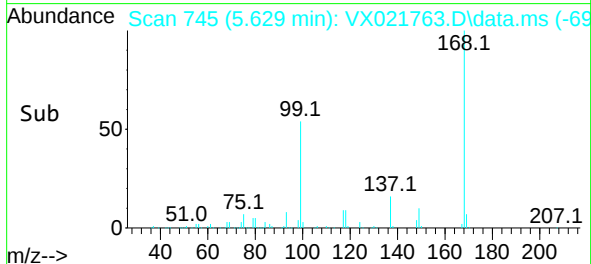
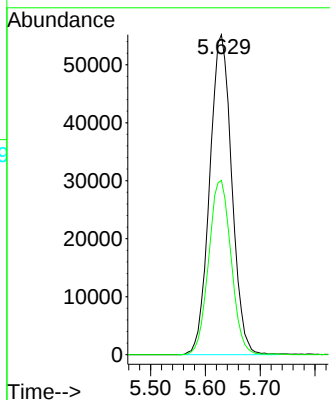
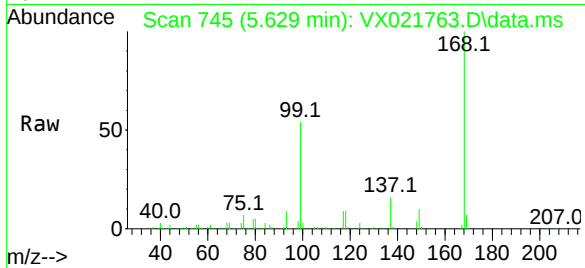




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

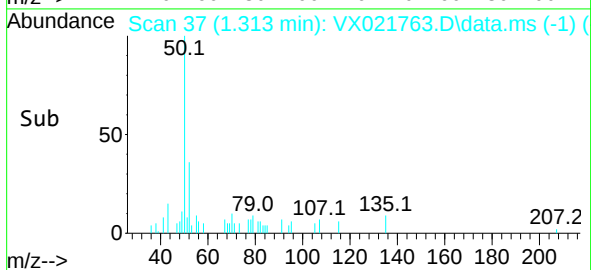
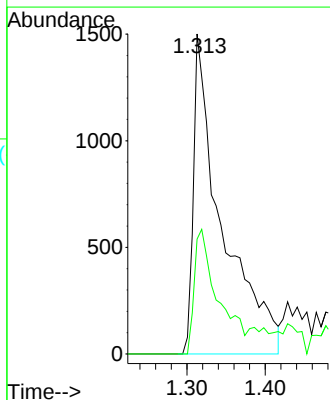
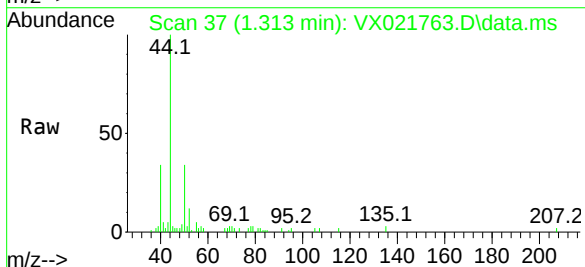
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

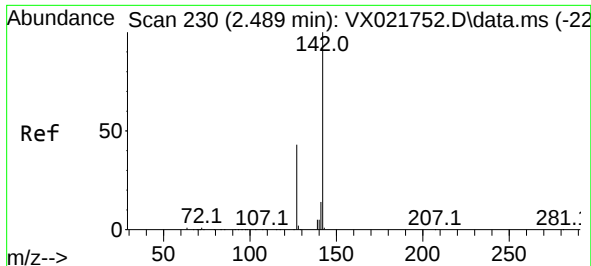
Tgt Ion:168 Resp: 154337
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#3
Chloromethane
Concen: 2.23 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

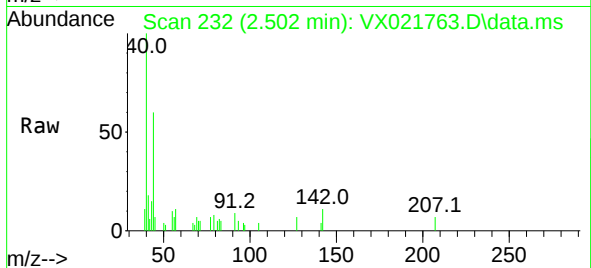
Tgt Ion: 50 Resp: 3782
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6



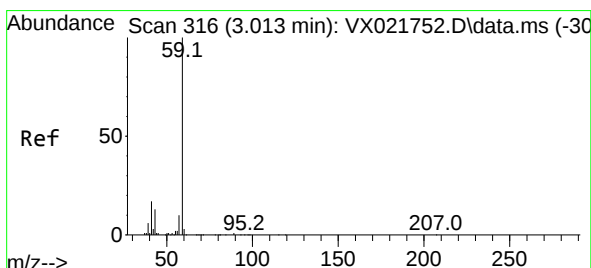
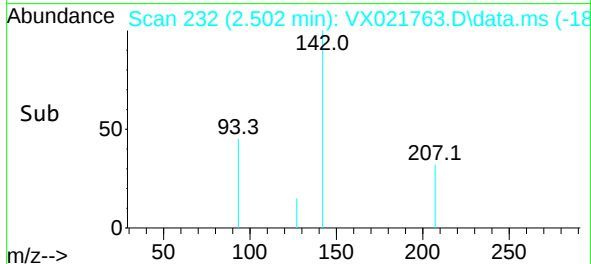
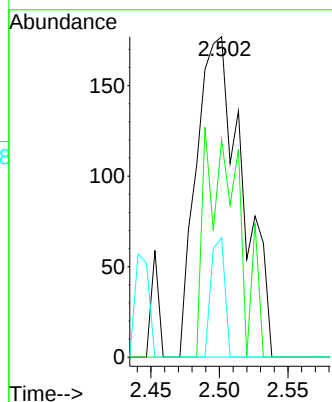


#10
Methyl Iodide
Concen: 8.45 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

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

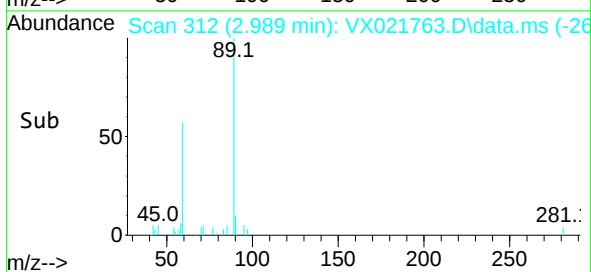
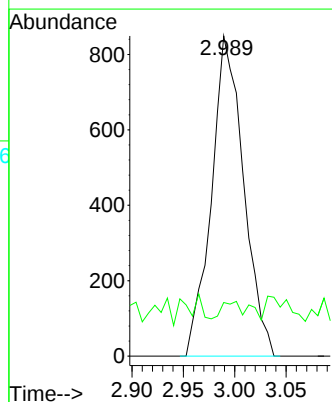
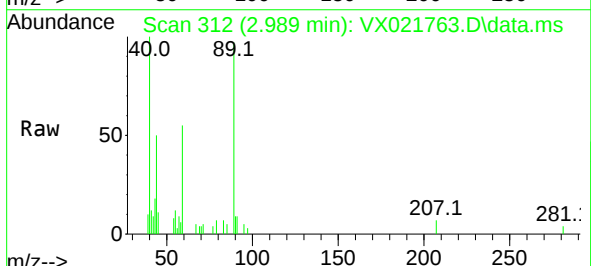


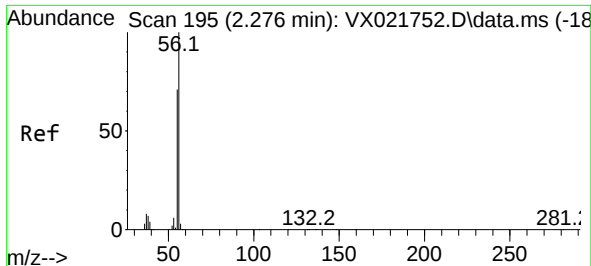
Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
127 52.6 33.3 49.9#
141 11.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.82 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.024 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion: 59 Resp: 1849
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.8#

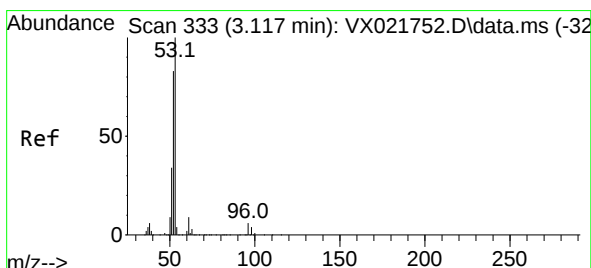
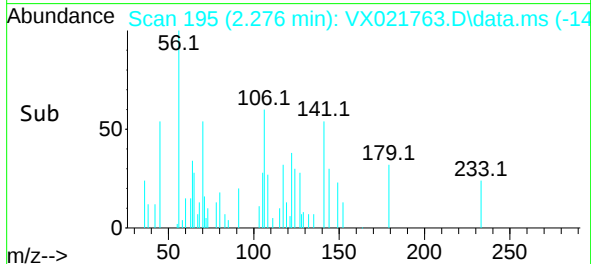
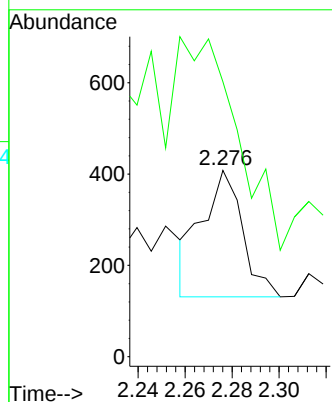
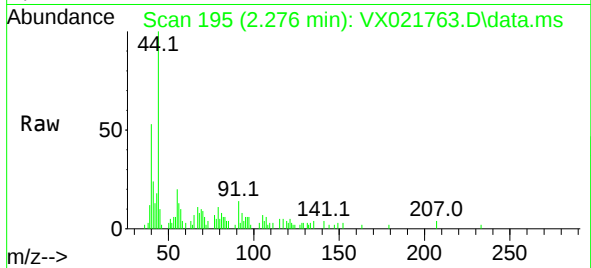




#13
Acrolein
Concen: 1.07 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

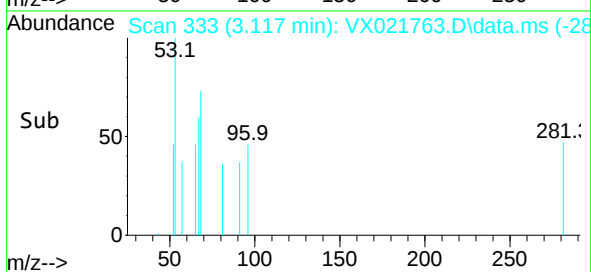
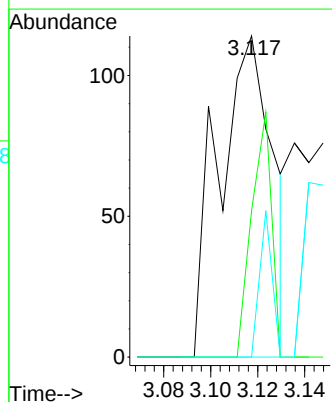
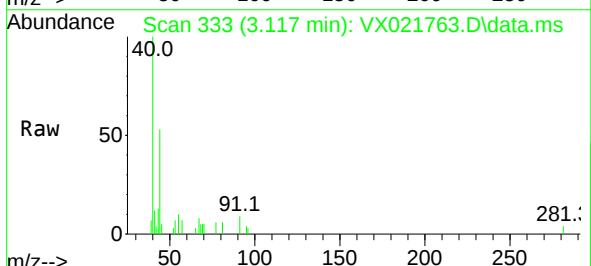
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 56 Resp: 332
Ion Ratio Lower Upper
56 100
55 250.3 56.4 84.6#



#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion: 53 Resp: 183
Ion Ratio Lower Upper
53 100
52 27.9 65.3 97.9#
51 10.4 28.2 42.2#

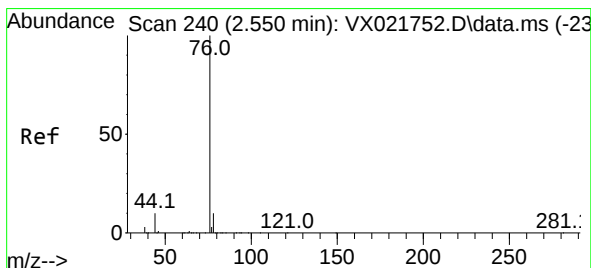
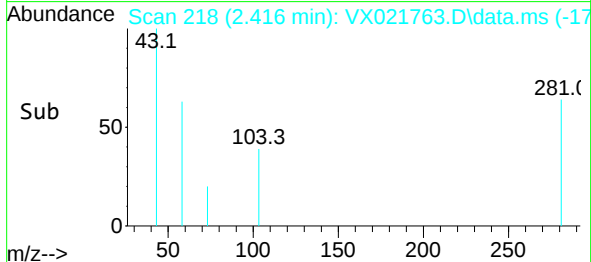
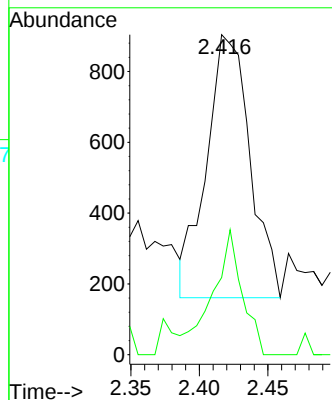
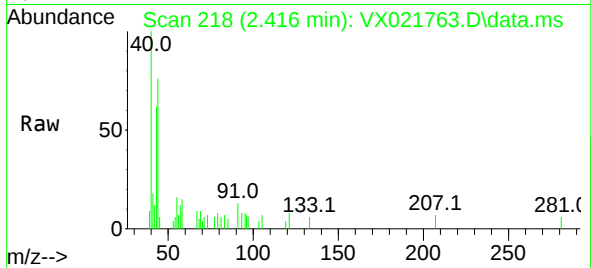




#16
Acetone
Concen: 2.73 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

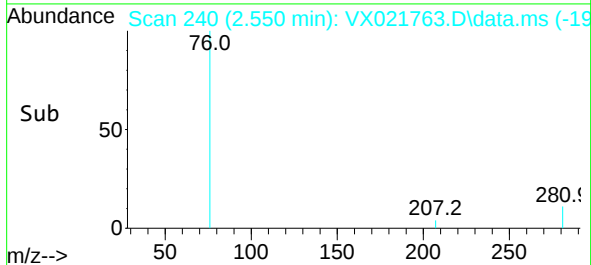
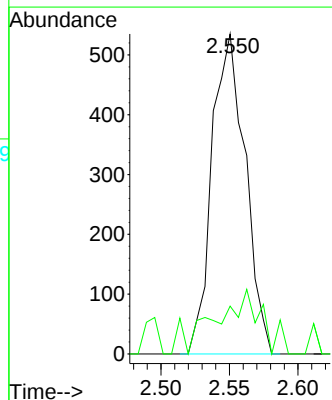
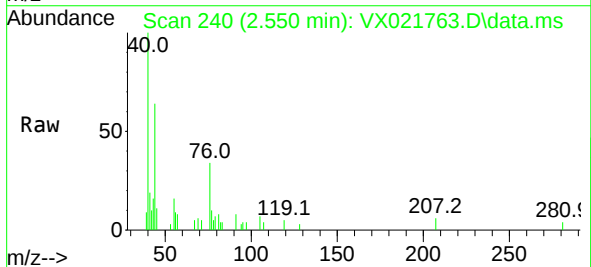
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

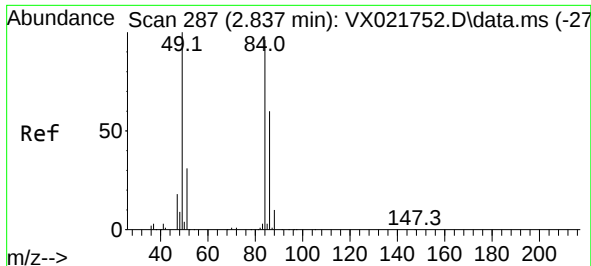
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion: 76 Resp: 905
Ion Ratio Lower Upper
76 100
78 4.3 7.2 10.8#





#20

Methylene Chloride

Concen: 0.40 ug/l

RT: 2.825 min Scan# 285

Delta R.T. -0.012 min

Lab File: VX021763.D

Acq: 20 Apr 2021 19:05

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion: 84 Resp: 726

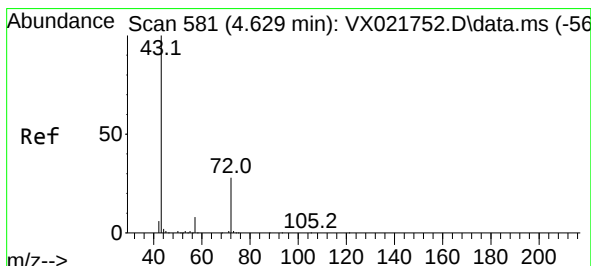
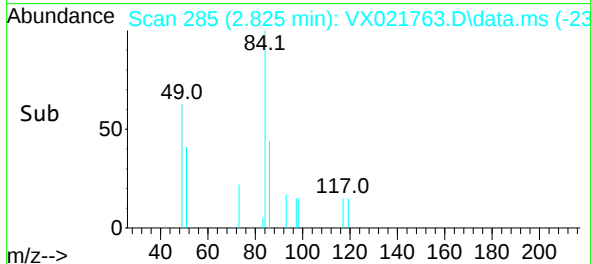
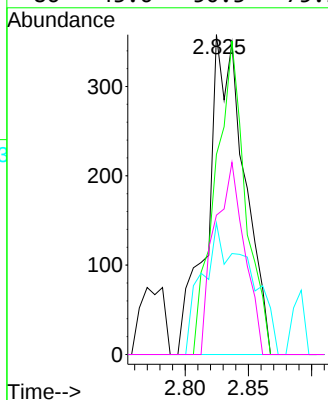
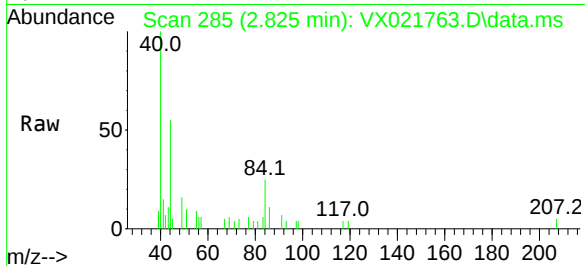
Ion Ratio Lower Upper

84 100

49 62.6 88.6 132.8#

51 41.1 27.0 40.6#

86 43.6 50.3 75.5#



#25

2-Butanone

Concen: 0.79 ug/l

RT: 4.648 min Scan# 584

Delta R.T. 0.019 min

Lab File: VX021763.D

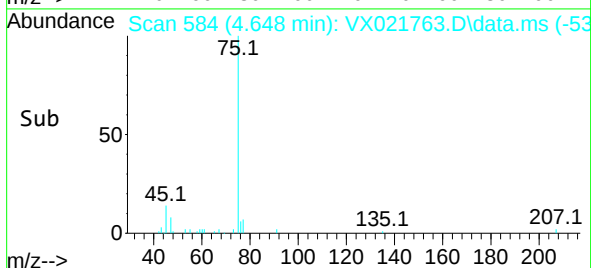
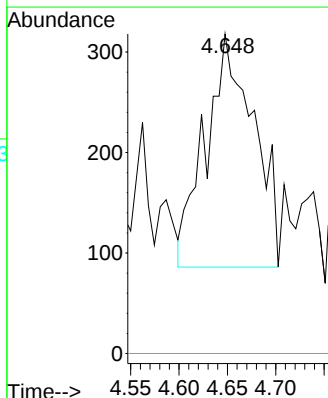
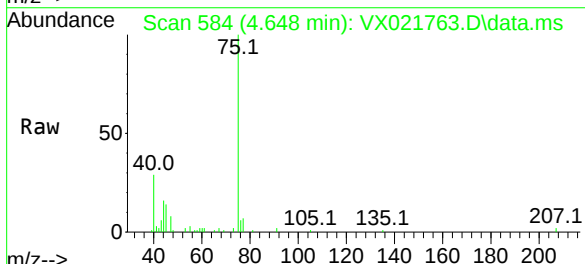
Acq: 20 Apr 2021 19:05

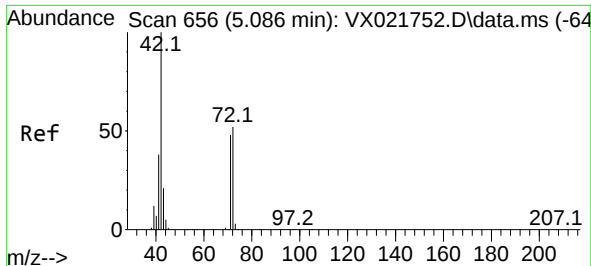
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.007 min

Lab File: VX021763.D

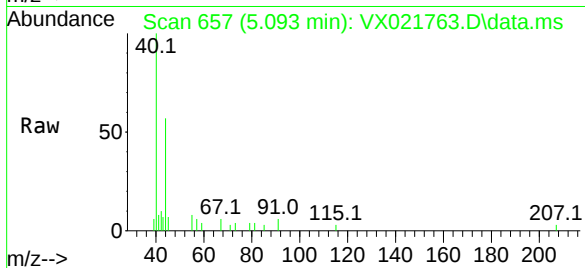
Acq: 20 Apr 2021 19:05

Instrument :

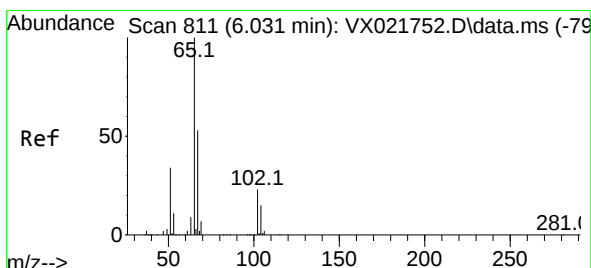
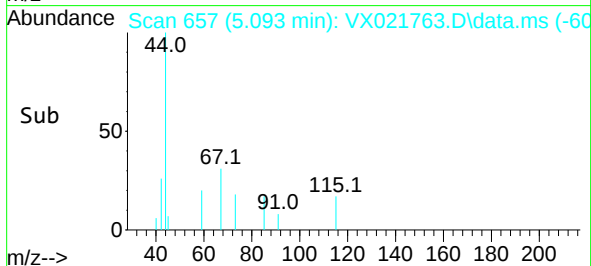
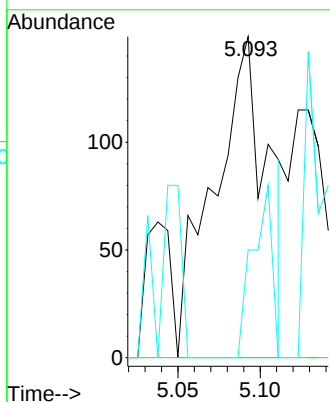
MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion:	42	Resp:	335
Ion Ratio	Lower	Upper	
42	100		
72	0.0	41.7	62.5#
71	19.7	38.4	57.6#



#33

1,2-Dichloroethane-d4

Concen: 50.16 ug/l

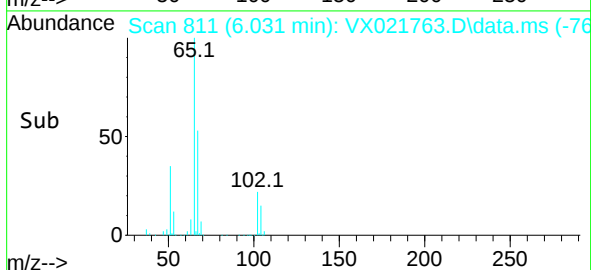
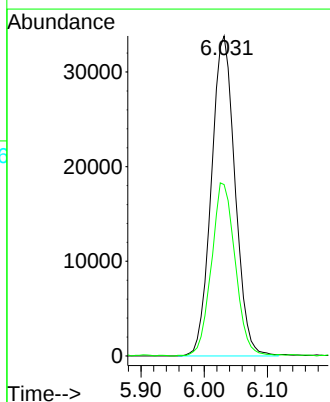
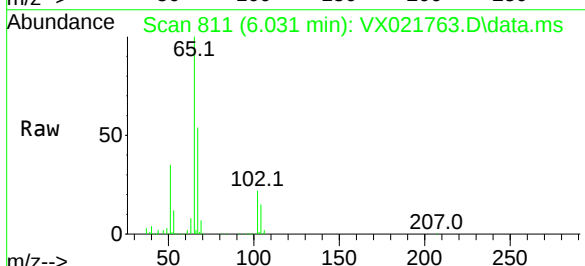
RT: 6.031 min Scan# 811

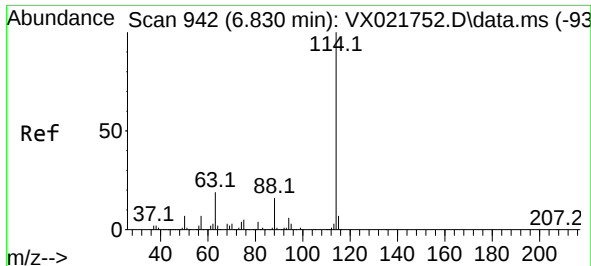
Delta R.T. 0.000 min

Lab File: VX021763.D

Acq: 20 Apr 2021 19:05

Tgt Ion:	65	Resp:	87820
Ion Ratio	Lower	Upper	
65	100		
67	54.4	0.0	105.4

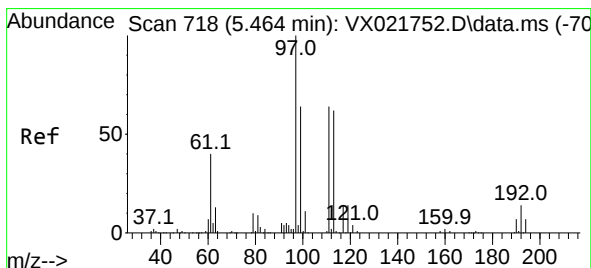
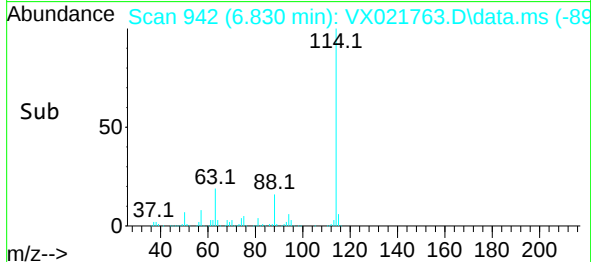
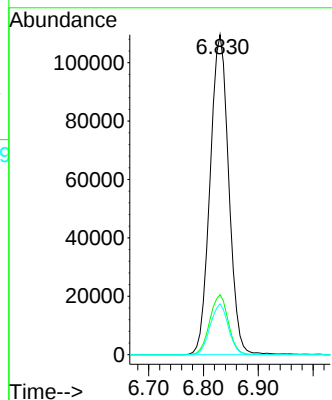
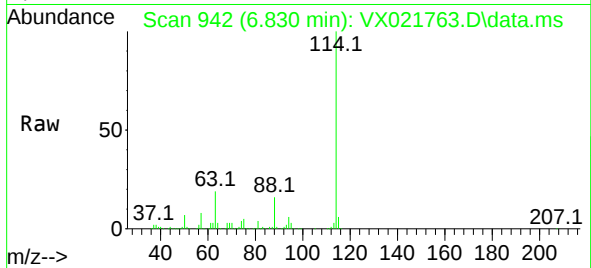




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

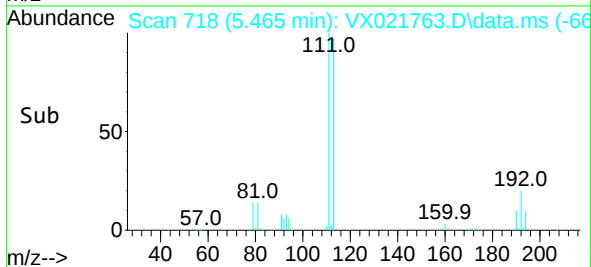
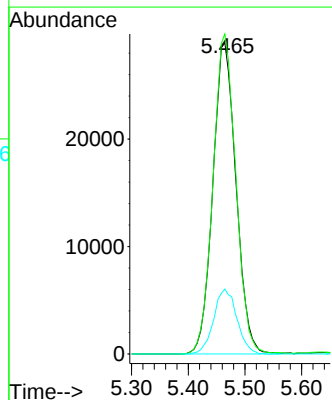
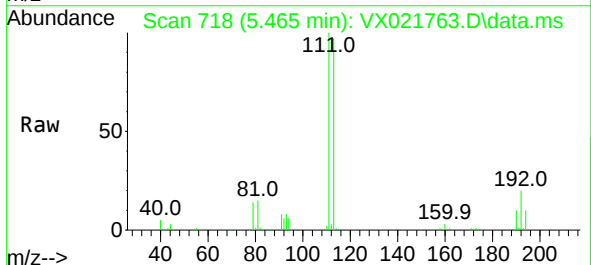
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

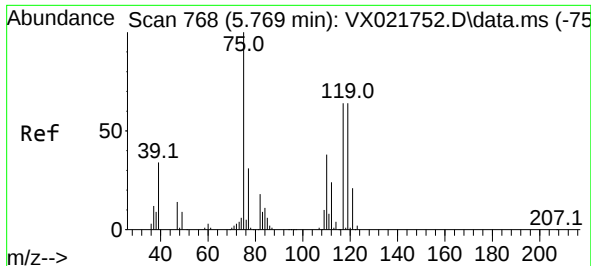
Tgt Ion:114 Resp: 258606
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.63 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion:113 Resp: 82078
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 20.8 16.7 25.1

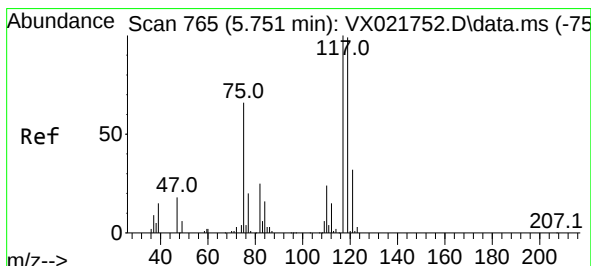
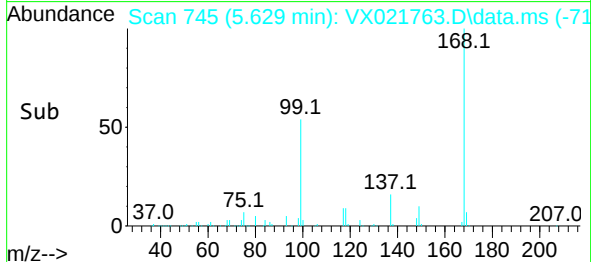
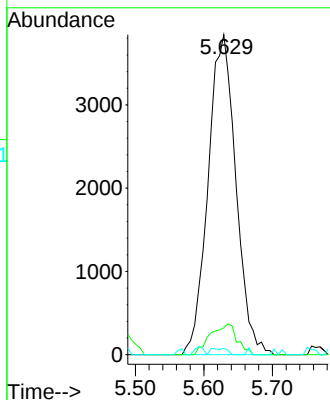
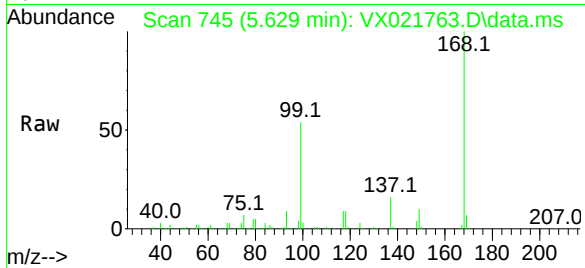




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

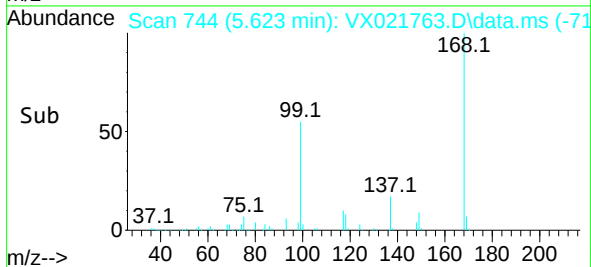
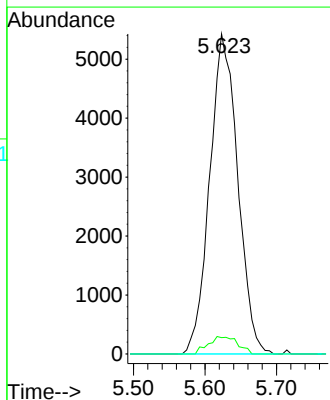
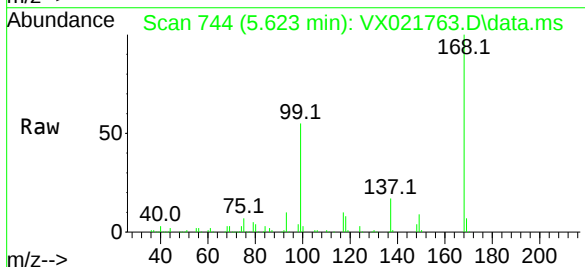
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

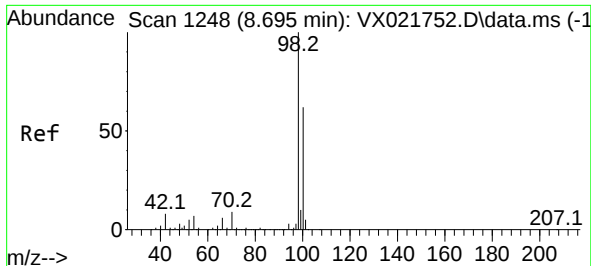
Tgt Ion: 75 Resp: 10840
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion: 117 Resp: 14771
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

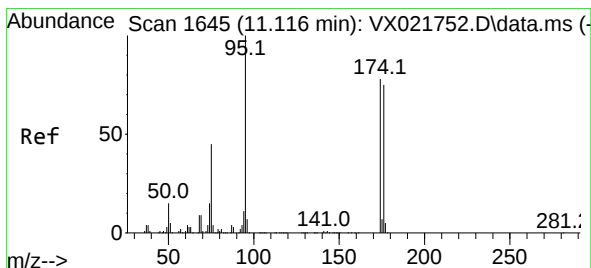
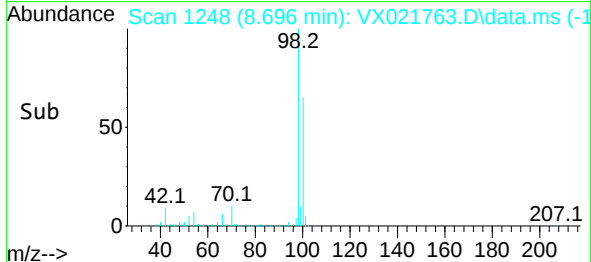
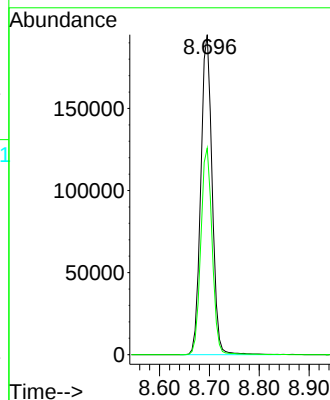
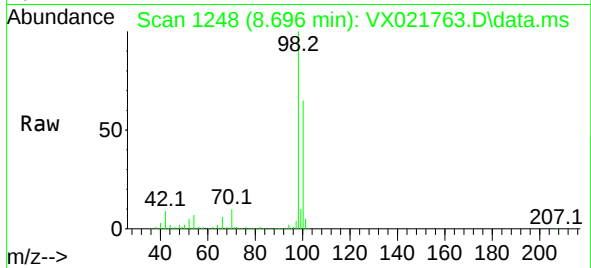




#50
Toluene-d8
Concen: 48.23 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

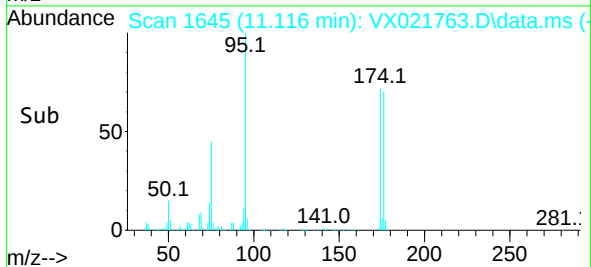
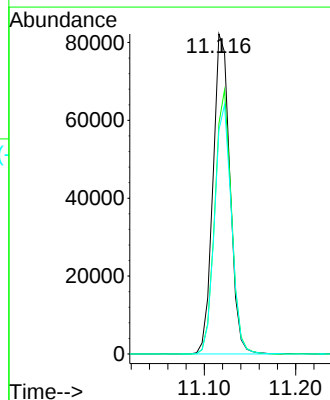
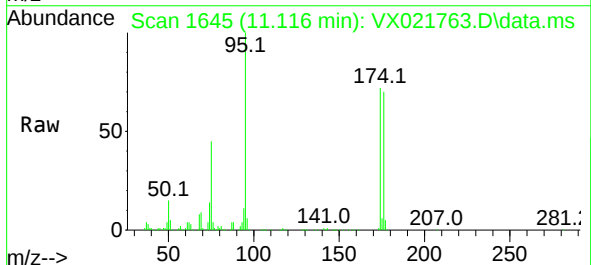
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

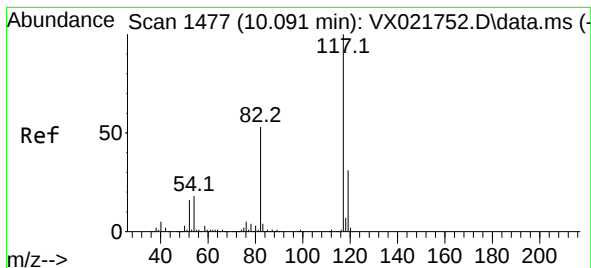
Tgt Ion: 98 Resp: 306672
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.41 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion: 95 Resp: 105466
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.9 0.0 155.8

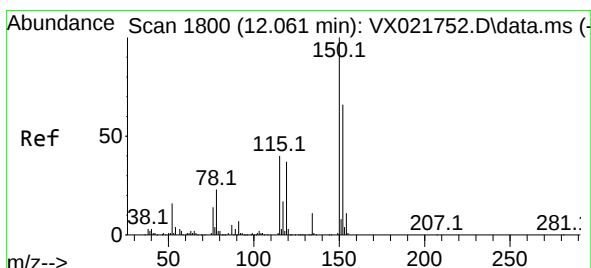
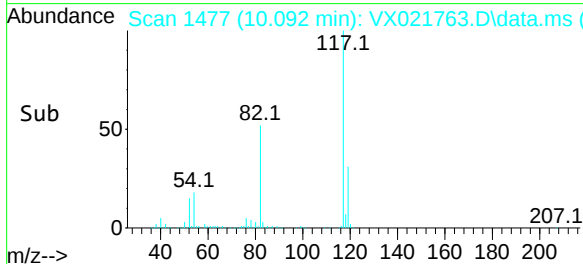
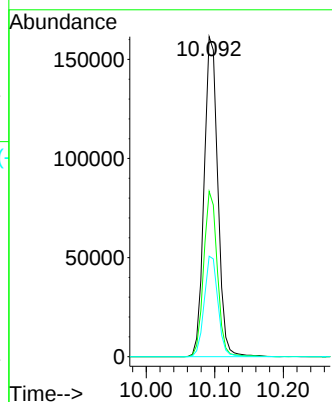
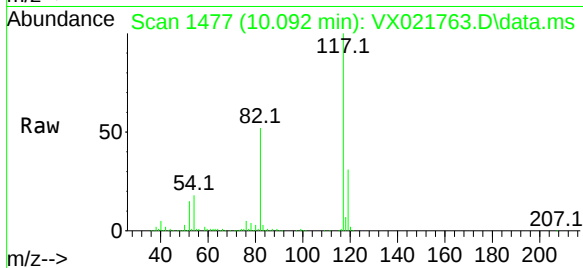




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

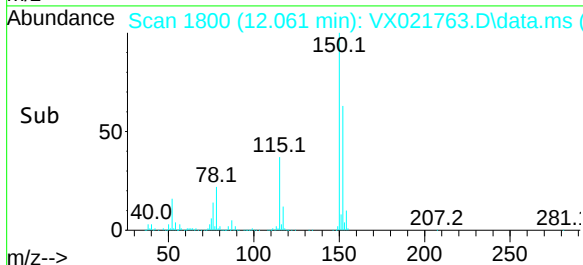
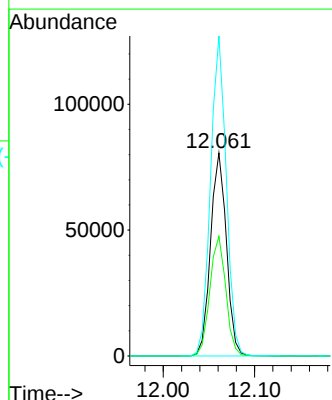
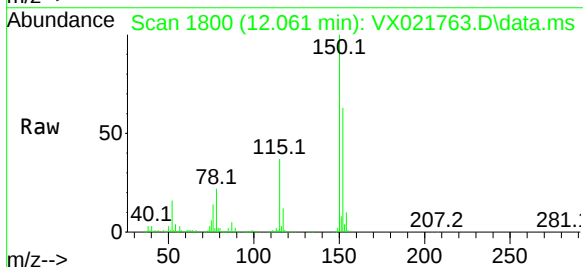
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

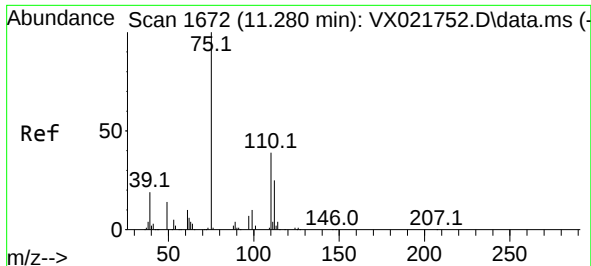
Tgt Ion:117 Resp: 225389
Ion Ratio Lower Upper
117 100
82 51.6 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion:152 Resp: 97003
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.4 0.0 349.0

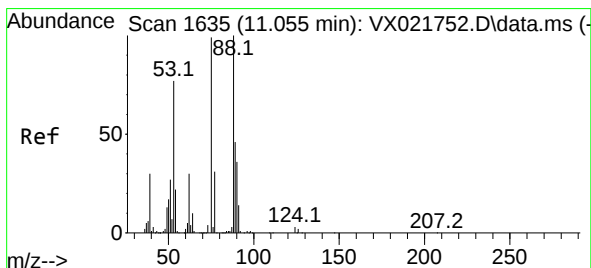
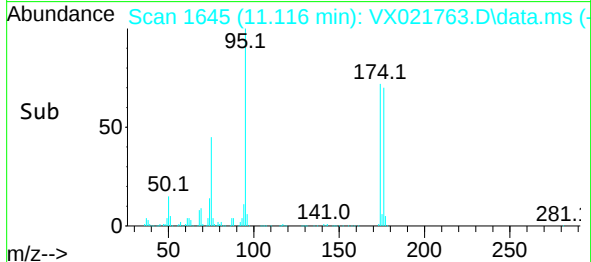
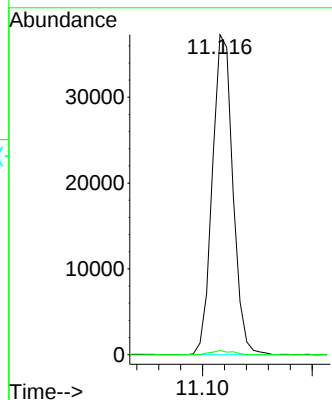
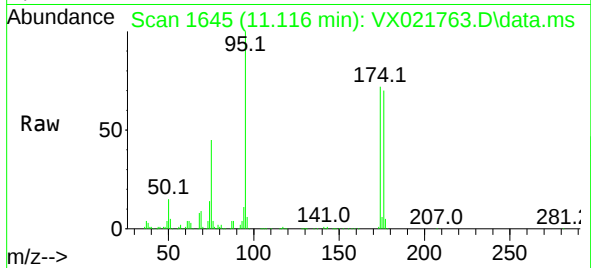




#76
1,2,3-Trichloropropane
Concen: 25.17 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

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

Tgt Ion: 75 Resp: 48420
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.88 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021763.D
Acq: 20 Apr 2021 19:05

Tgt Ion: 75 Resp: 48420
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

