

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020163.D
 Acq On : 19 Dec 2020 10:30
 Operator : JC/MD
 Sample : L5144-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Dec 21 00:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

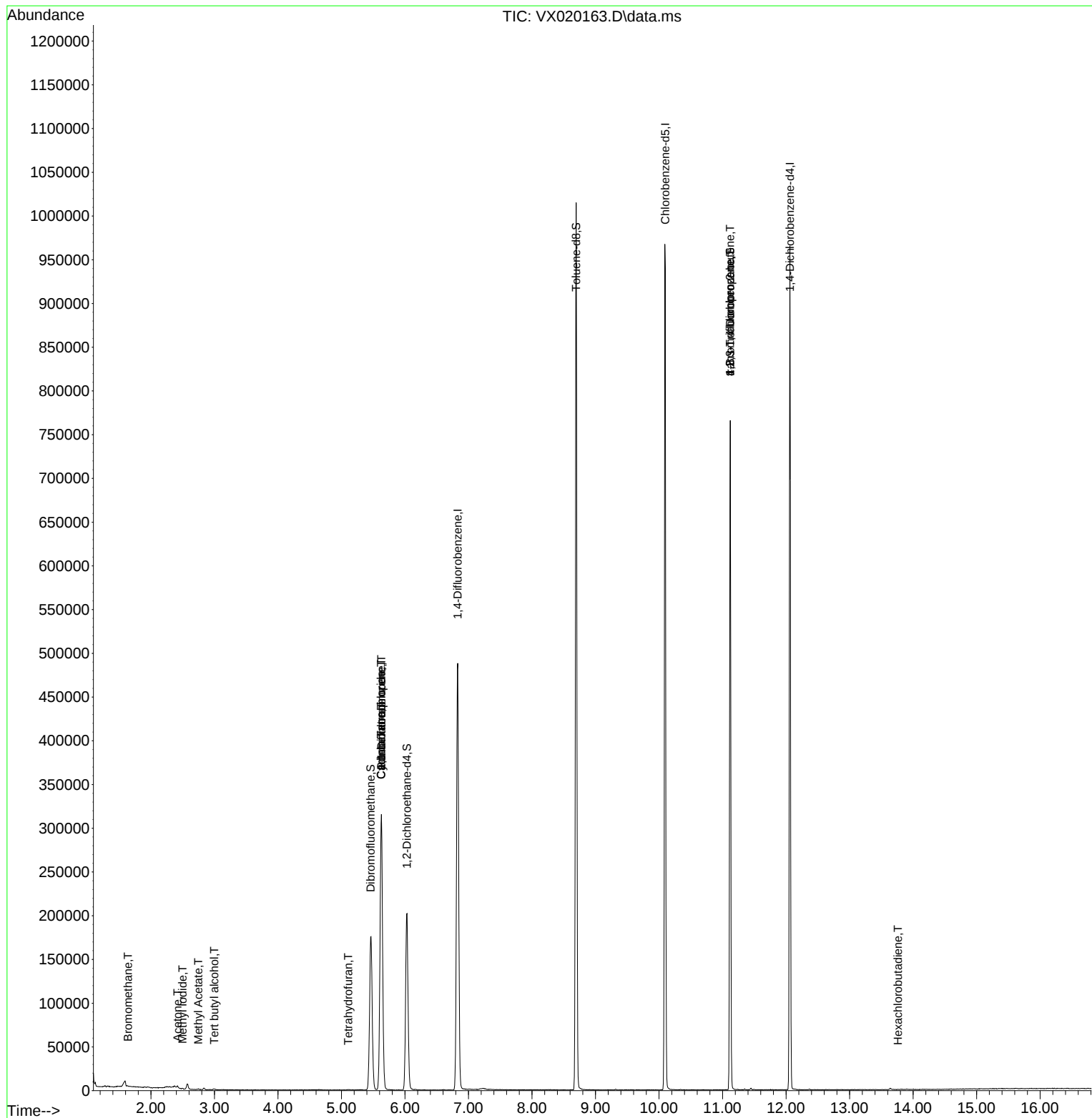
Internal Standards						
1) Pentafluorobenzene	5.629	168	304428	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	499180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	456536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	194905	47.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.52%
35) Dibromofluoromethane	5.458	113	155178	48.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.20%
50) Toluene-d8	8.696	98	601006	48.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.80%
62) 4-Bromofluorobenzene	11.122	95	209665	44.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.14%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	438	0.33	ug/l #	72
10) Methyl Iodide	2.495	142	624	3.43	ug/l #	87
11) Tert butyl alcohol	2.995	59	644	0.70	ug/l #	73
16) Acetone	2.416	43	1769	0.95	ug/l	97
18) Methyl Acetate	2.745	43	997	0.24	ug/l #	82
29) Tetrahydrofuran	5.105	42	381	0.22	ug/l #	50
31) Cyclohexane	5.623	56	5895	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23041	4.67	ug/l #	49
38) Carbon Tetrachloride	5.623	117	29267	6.24	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	101797	21.20	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101797	62.90	ug/l #	12
94) Hexachlorobutadiene	13.762	225	91	2.69	ug/l #	48

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
Data File : VX020163.D
Acq On : 19 Dec 2020 10:30
Operator : JC/MD
Sample : L5144-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Dec 21 00:15:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

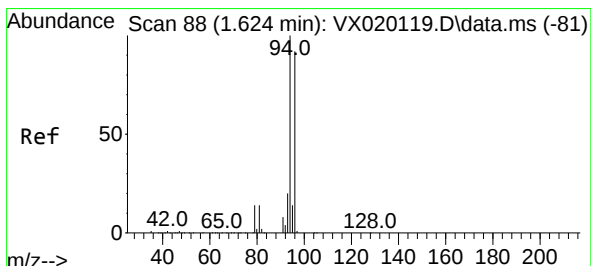
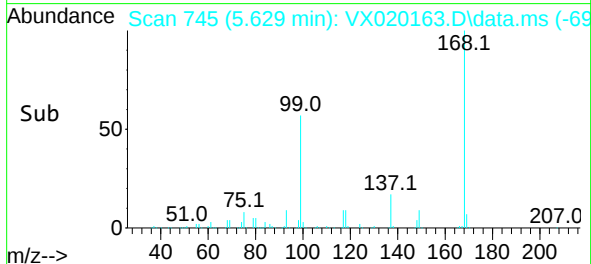
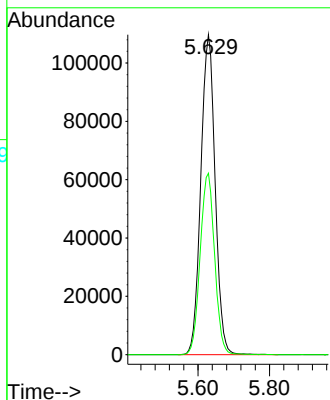
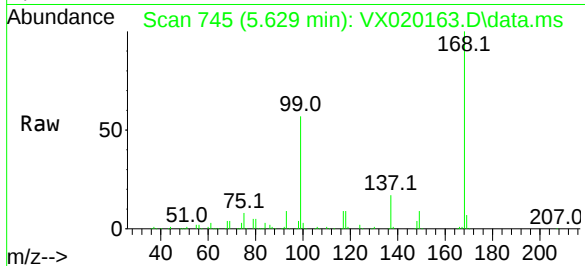




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

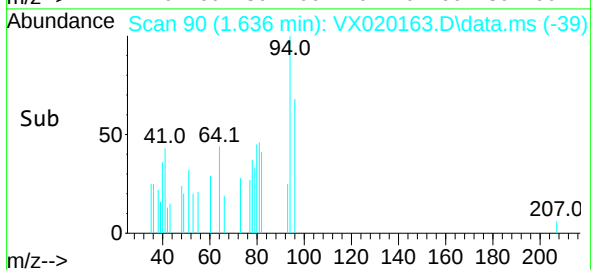
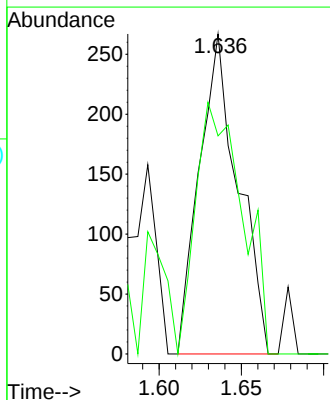
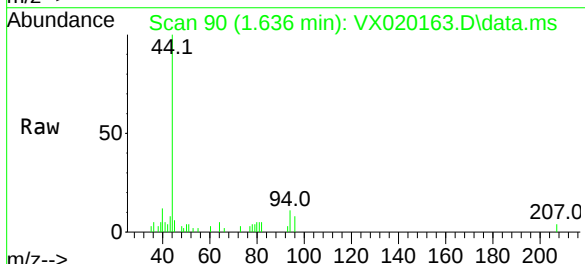
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

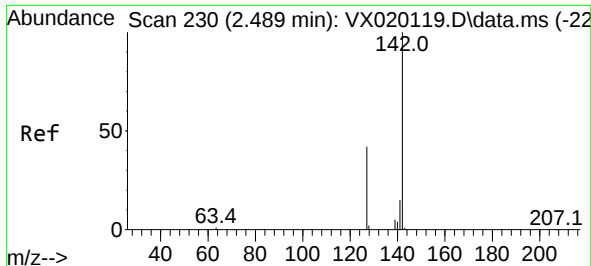
Tgt Ion:168 Resp: 304428
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

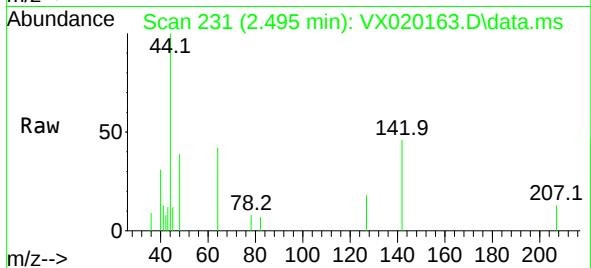
Tgt Ion: 94 Resp: 438
Ion Ratio Lower Upper
94 100
96 68.2 76.4 114.6#



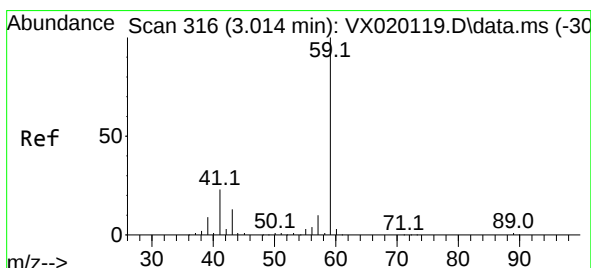
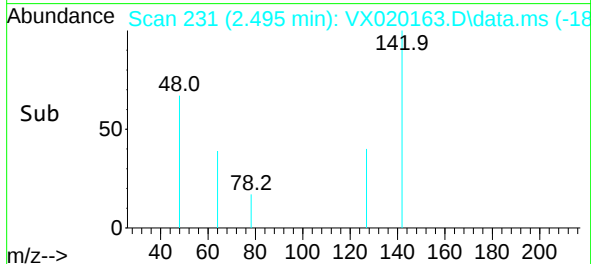
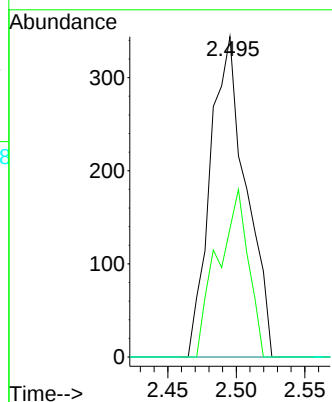


#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

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

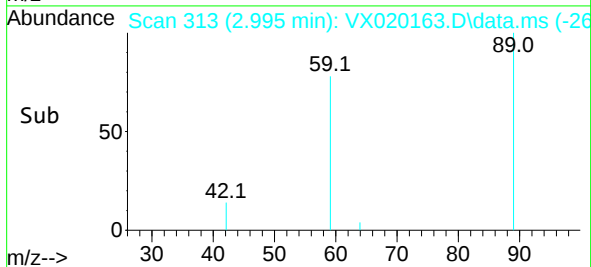
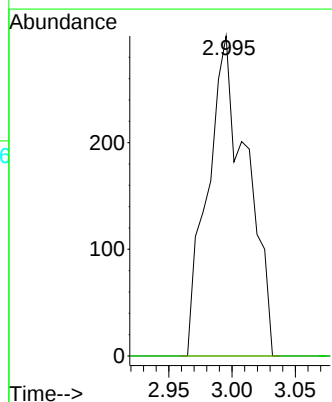
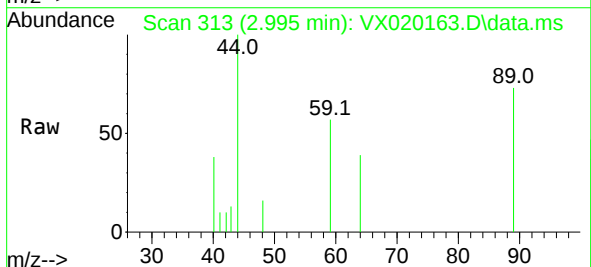


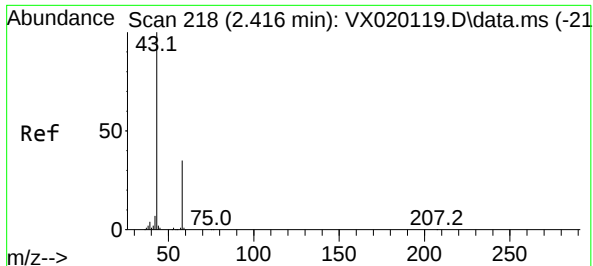
Tgt Ion:142 Resp: 624
Ion Ratio Lower Upper
142 100
127 45.0 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.70 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

Tgt Ion: 59 Resp: 644
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

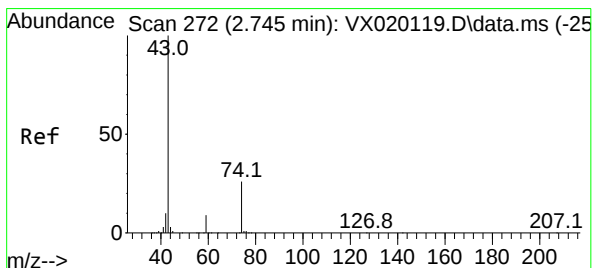
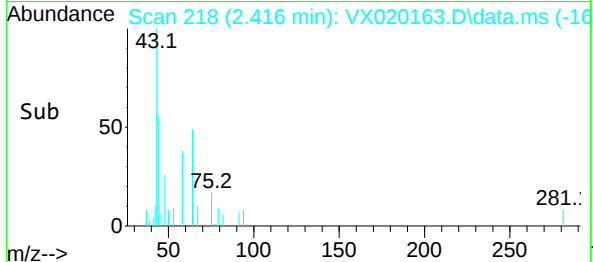
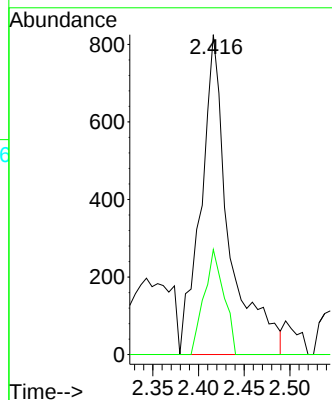
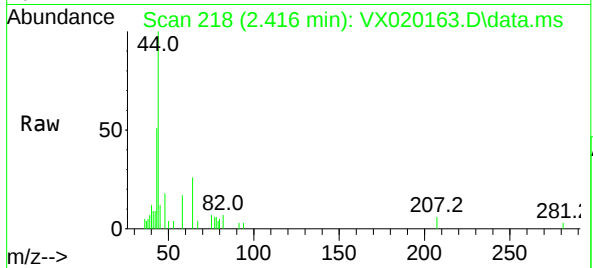




#16
Acetone
Concen: 0.95 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

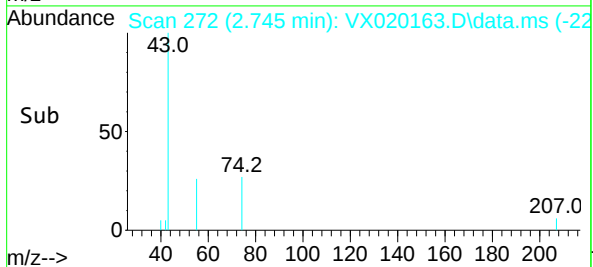
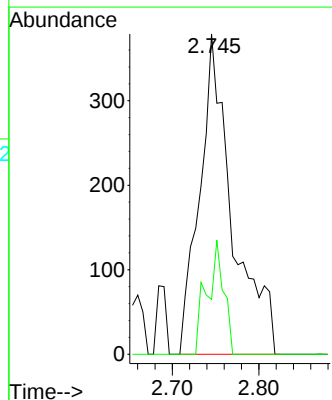
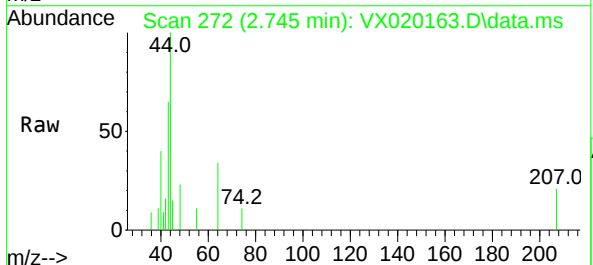
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

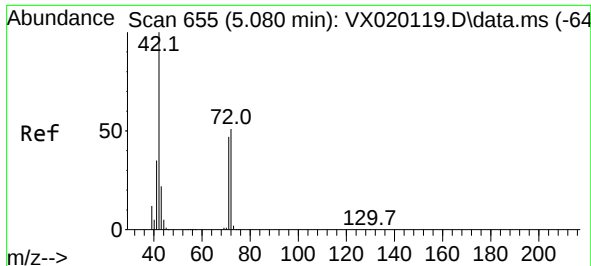
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
74 18.3 21.9 32.9#





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.105 min Scan# 659

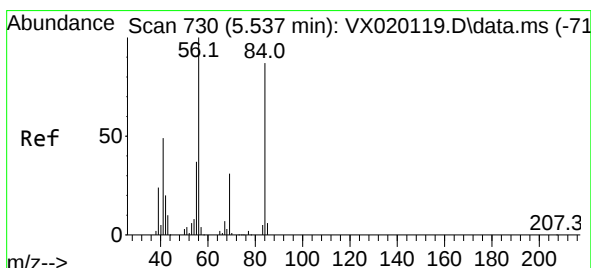
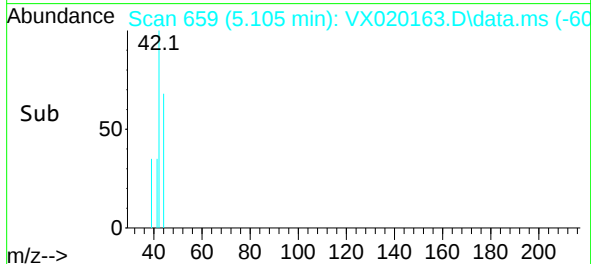
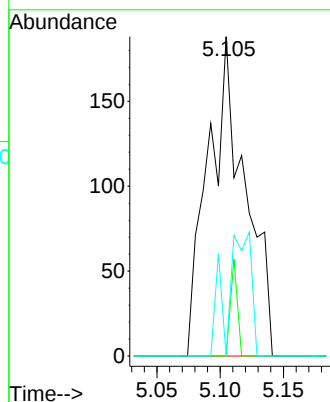
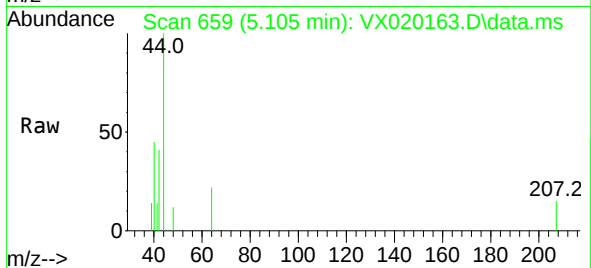
Delta R.T. 0.025 min

Lab File: VX020163.D

Acq: 19 Dec 2020 10:30

Tgt Ion:	42	Resp:	381
Ion	Ratio	Lower	Upper
42	100		
72	5.5	41.7	62.5#
71	25.5	38.4	57.6#

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



#31

Cyclohexane

Concen: 1.05 ug/l

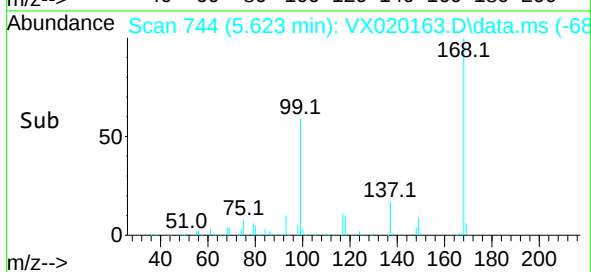
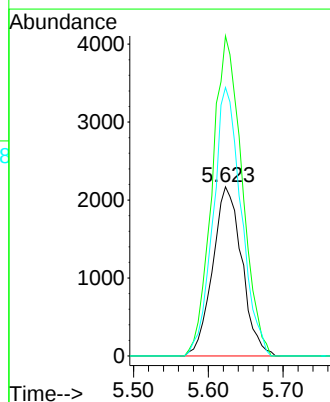
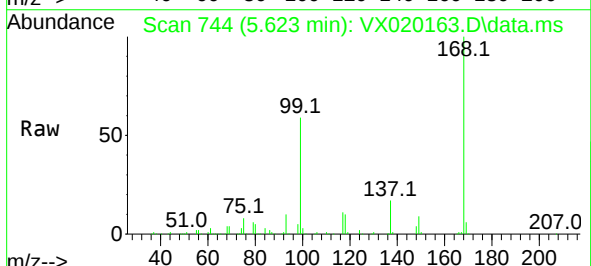
RT: 5.623 min Scan# 744

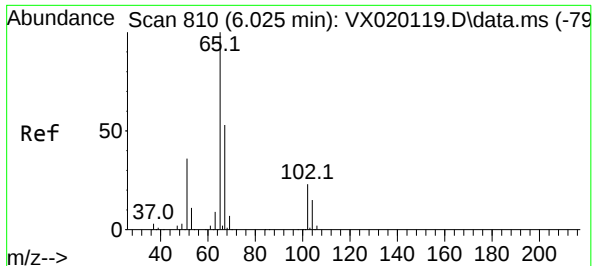
Delta R.T. 0.086 min

Lab File: VX020163.D

Acq: 19 Dec 2020 10:30

Tgt Ion:	56	Resp:	5895
Ion	Ratio	Lower	Upper
56	100		
69	189.2	25.3	37.9#
84	158.7	71.4	107.0#

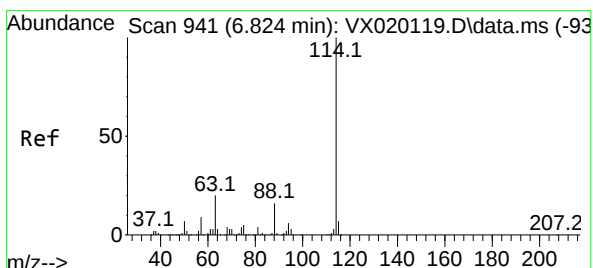
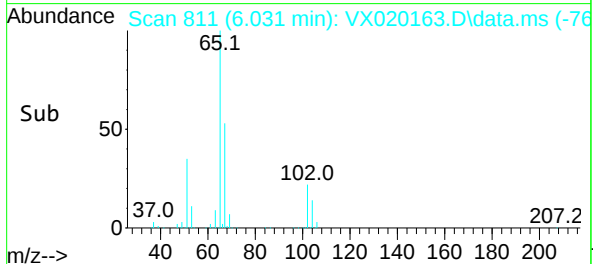
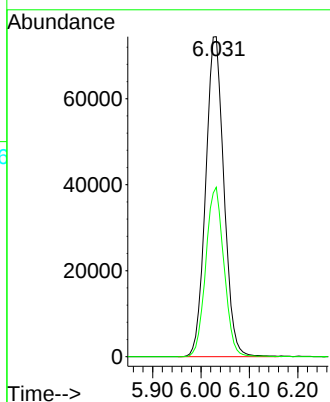
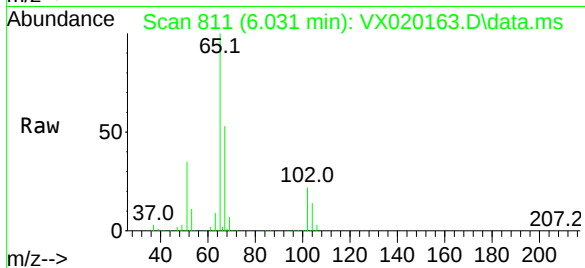




#33
1,2-Dichloroethane-d4
Concen: 47.76 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

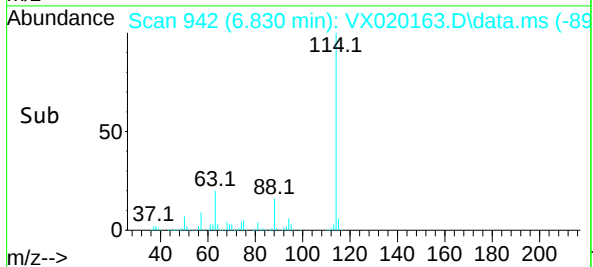
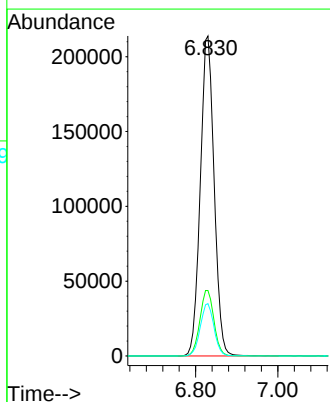
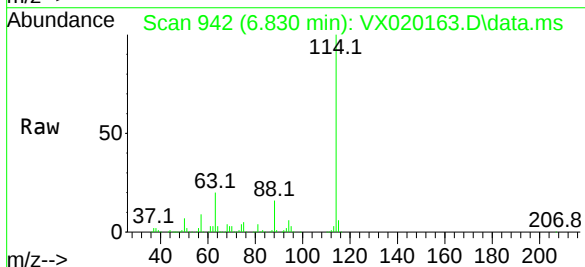
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

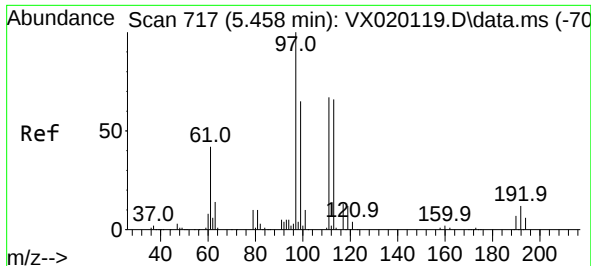
Tgt Ion: 65 Resp: 194905
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

Tgt Ion: 114 Resp: 499180
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.4 0.0 32.8

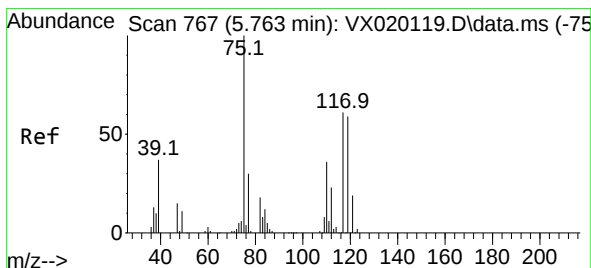
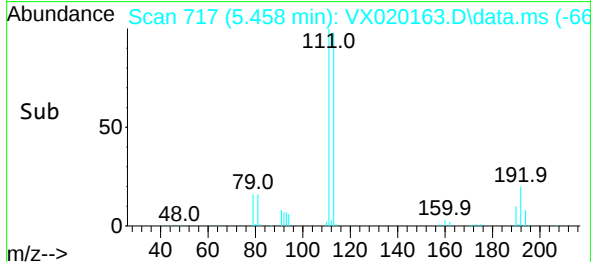
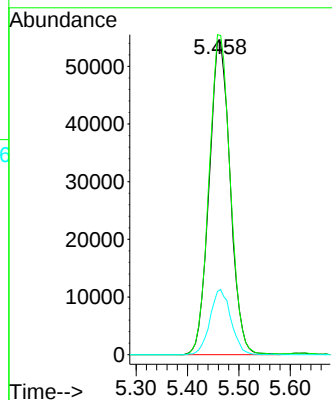
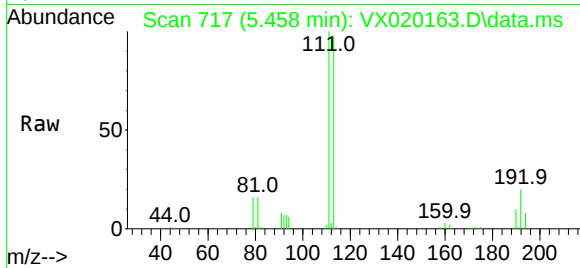




#35
Dibromofluoromethane
Concen: 48.60 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

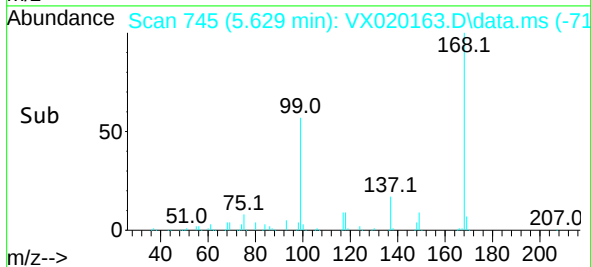
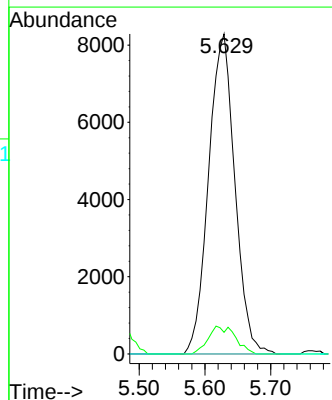
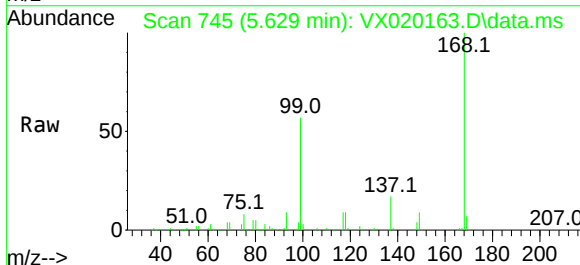
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

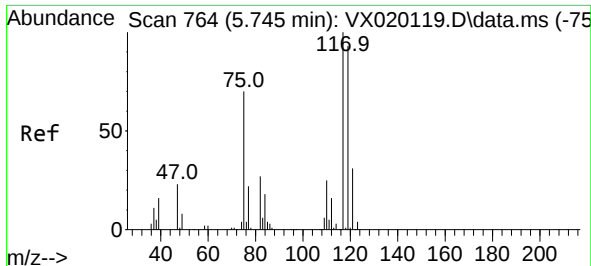
Tgt Ion:113 Resp: 155178
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

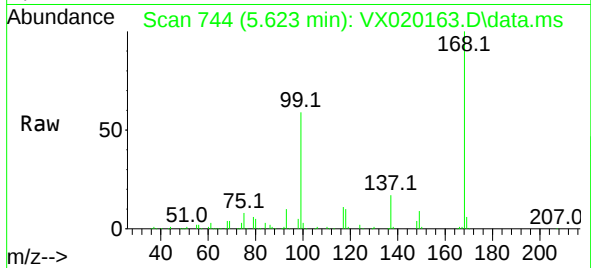
Tgt Ion: 75 Resp: 23041
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



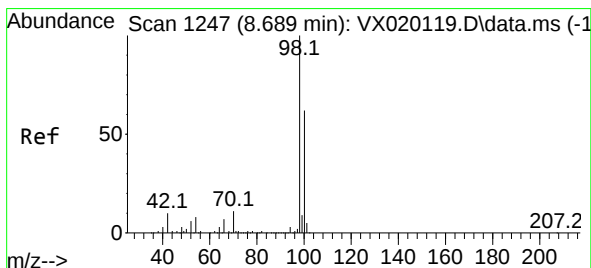
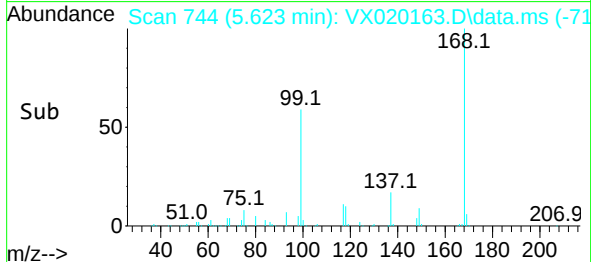
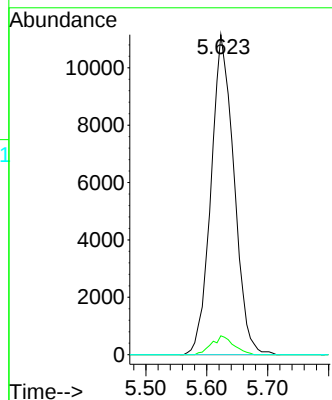


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

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

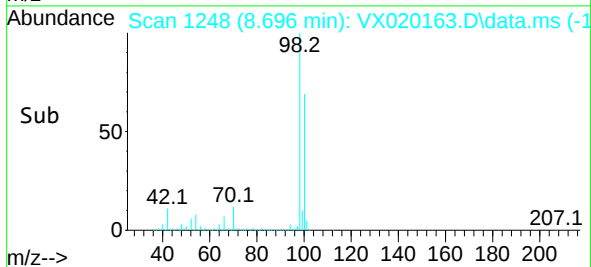
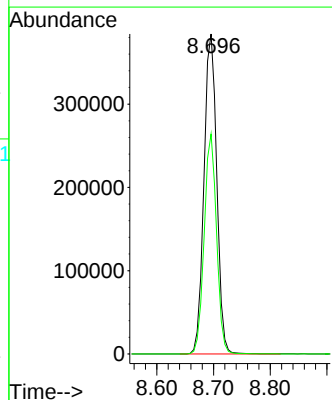
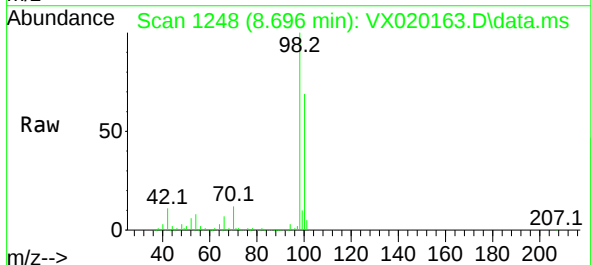


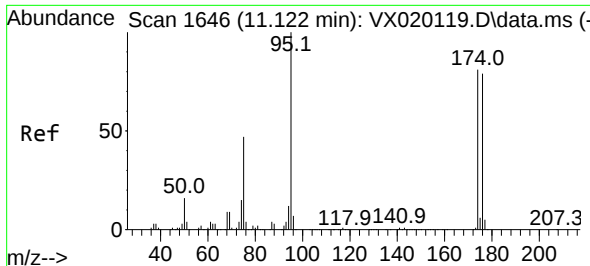
Tgt Ion:117 Resp: 29267
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.90 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

Tgt Ion: 98 Resp: 601006
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

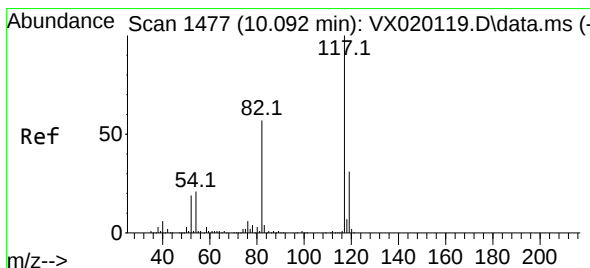
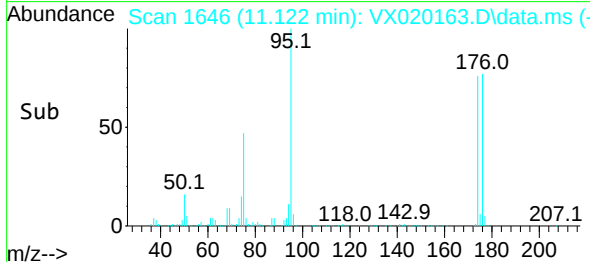
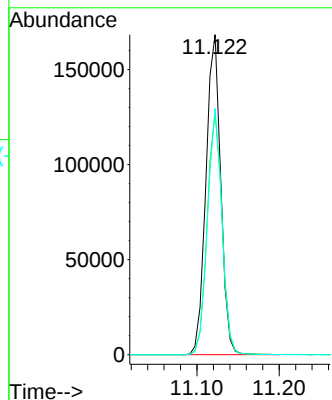
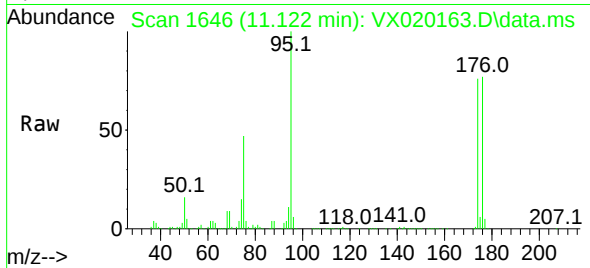




#62
4-Bromofluorobenzene
Concen: 44.57 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

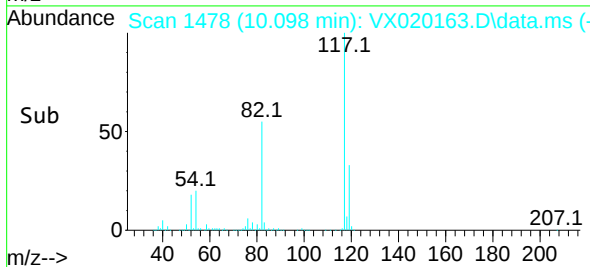
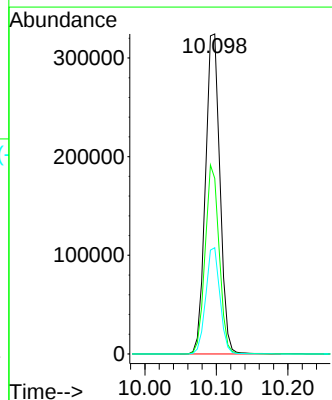
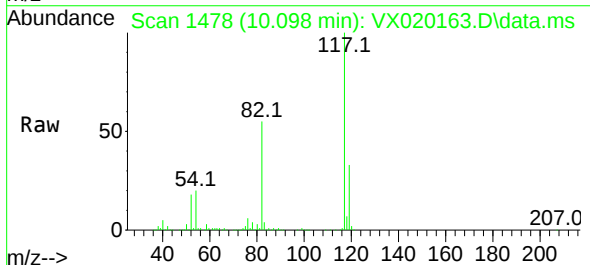
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

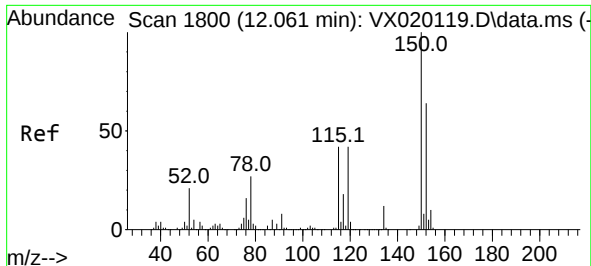
Tgt Ion: 95 Resp: 209665
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

Tgt Ion: 117 Resp: 456536
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 33.2 26.6 39.8

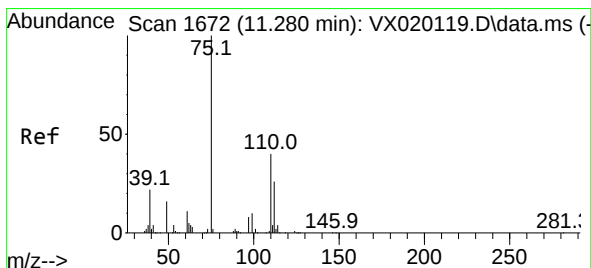
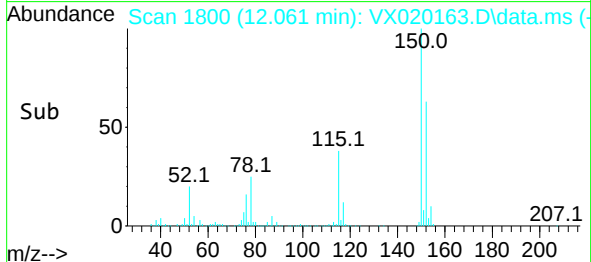
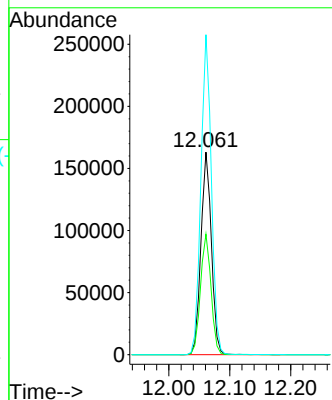
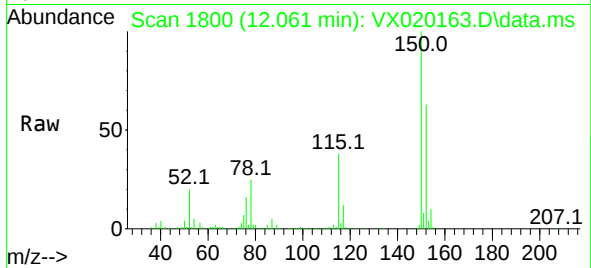




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

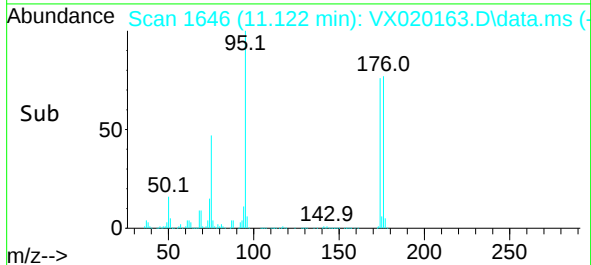
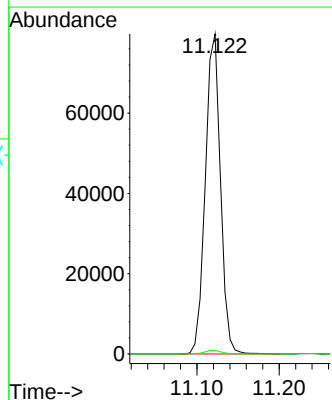
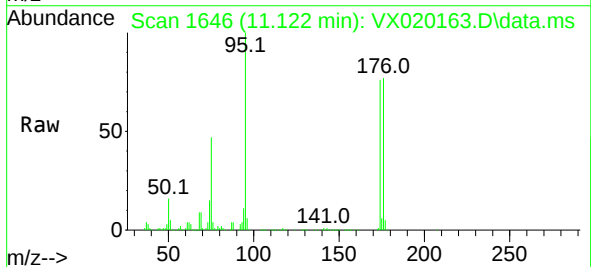
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

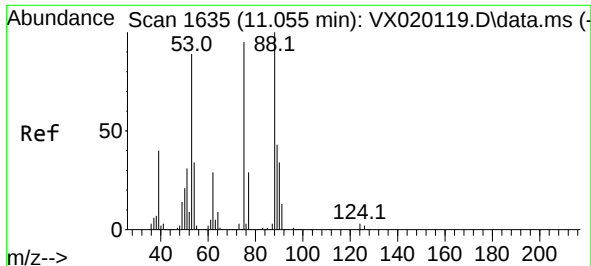
Tgt Ion:152 Resp: 194920
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 157.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

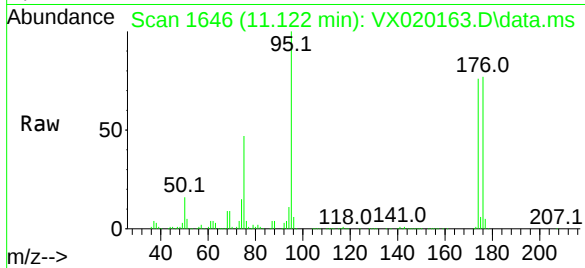
Tgt Ion: 75 Resp: 101797
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



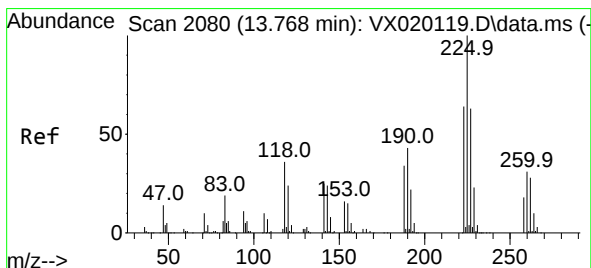
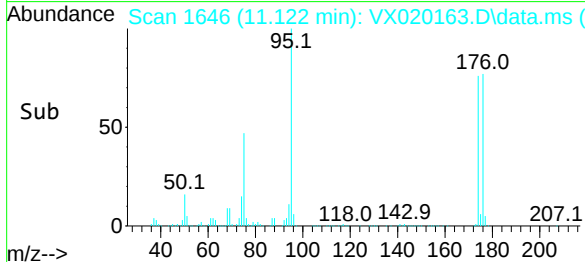
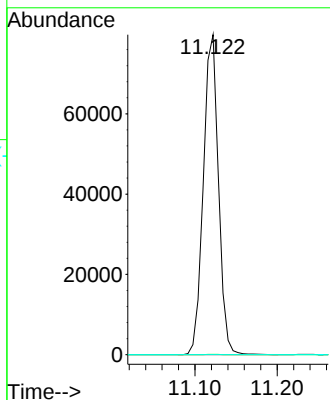


#81
trans-1,4-Dichloro-2-butene
Concen: 62.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

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



Tgt Ion: 75 Resp: 101797
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.69 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020163.D
Acq: 19 Dec 2020 10:30

Tgt Ion: 225 Resp: 91
Ion Ratio Lower Upper
225 100
223 45.1 31.1 93.2
227 0.0 31.6 95.0#

