

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020479.D
 Acq On : 31 Dec 2020 13:38
 Operator : JC/MD
 Sample : L5251-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

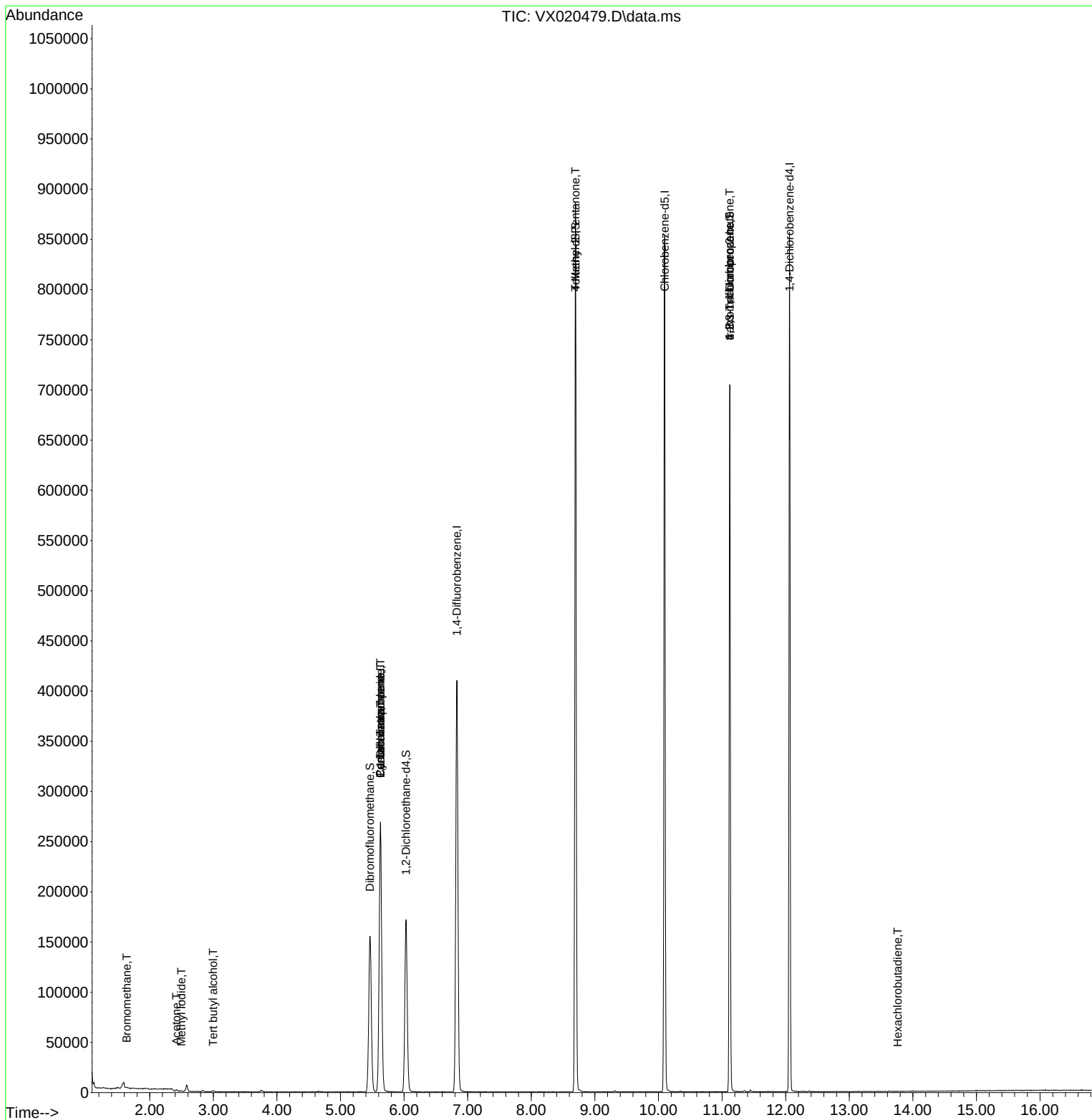
Quant Time: Jan 01 00:09:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

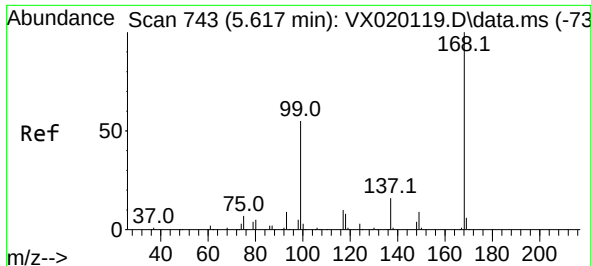
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	249894	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	419362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	403123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	170965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	163581	48.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.66%
35) Dibromofluoromethane	5.464	113	135729	50.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.18%
50) Toluene-d8	8.695	98	514797	49.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.70%
62) 4-Bromofluorobenzene	11.122	95	187021	47.32	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.64%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	491	0.45	ug/l	82
10) Methyl Iodide	2.495	142	492	3.42	ug/l #	93
11) Tert butyl alcohol	2.995	59	774	1.03	ug/l #	73
16) Acetone	2.416	43	1527	1.00	ug/l	96
31) Cyclohexane	5.629	56	4967	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19467	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	25132	6.38	ug/l #	16
51) 4-Methyl-2-Pentanone	8.695	43	2007	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	90873	21.58	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90873	64.02	ug/l #	12
94) Hexachlorobutadiene	13.762	225	55	2.68	ug/l #	19

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

Quant Time: Jan 01 00:09:37 2021
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

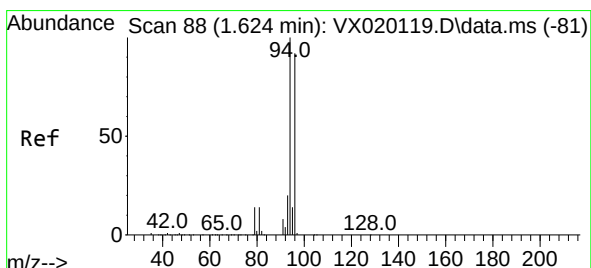
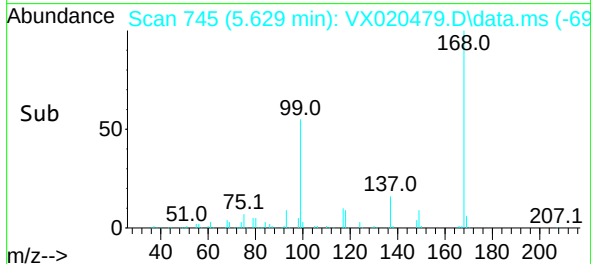
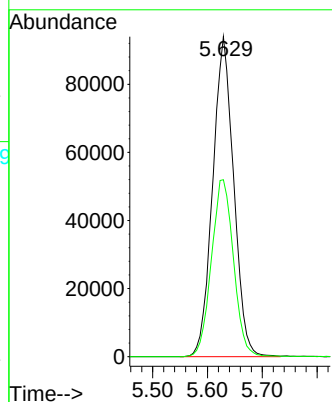
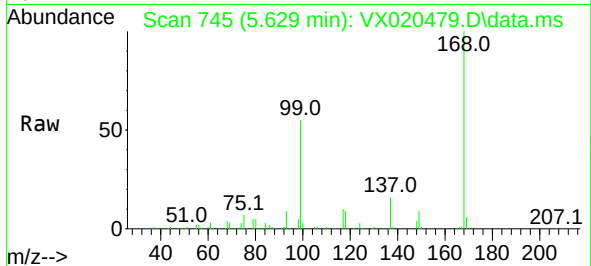




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

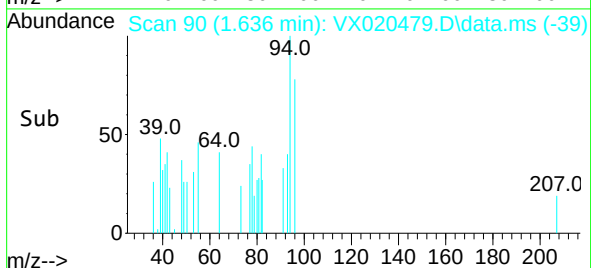
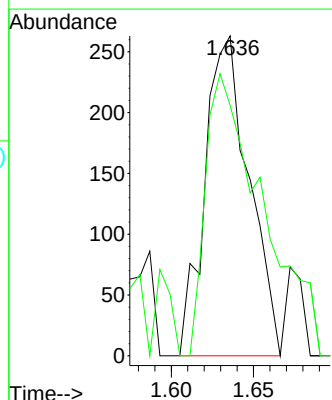
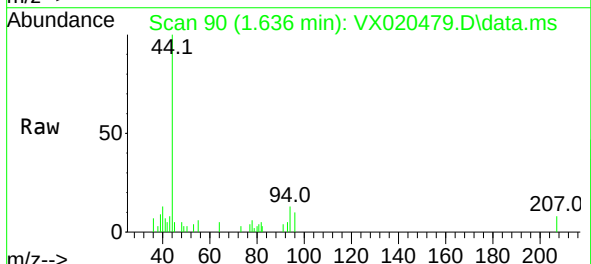
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

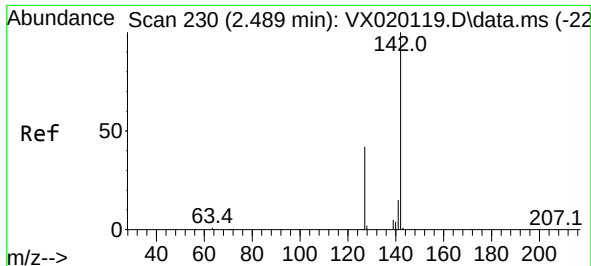
Tgt Ion:168 Resp: 249894
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

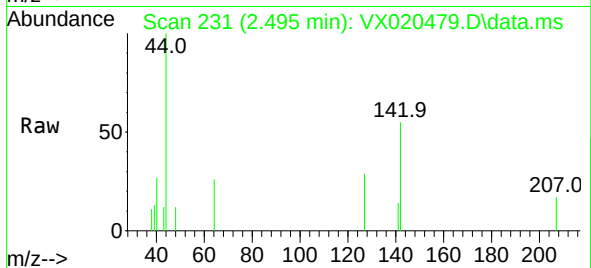
Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 78.3 76.4 114.6



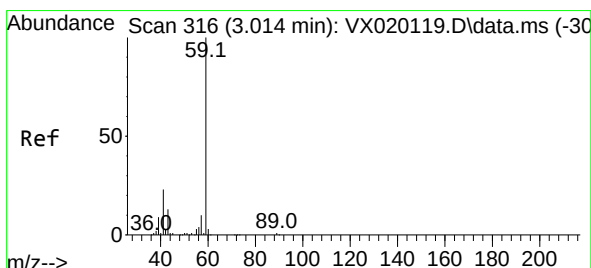
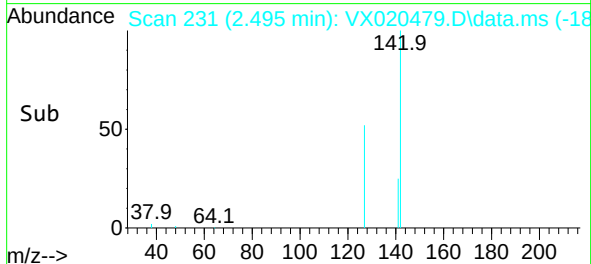
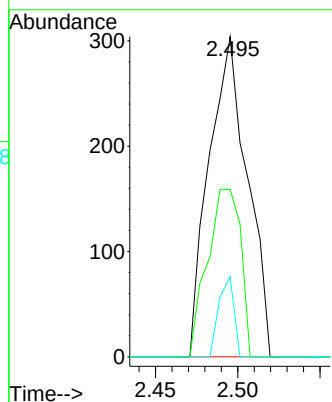


#10
Methyl Iodide
Concen: 3.42 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

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

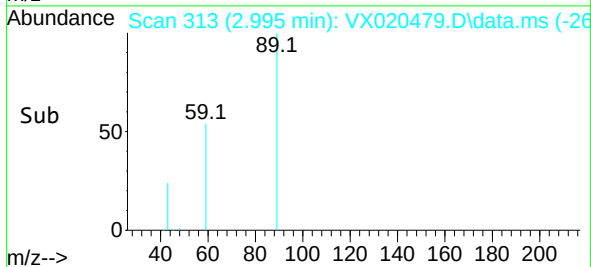
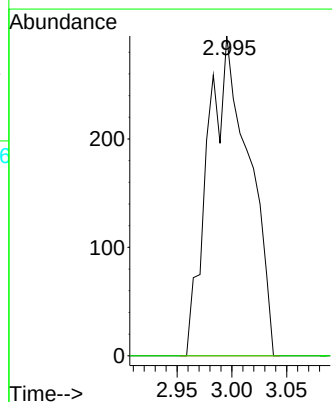
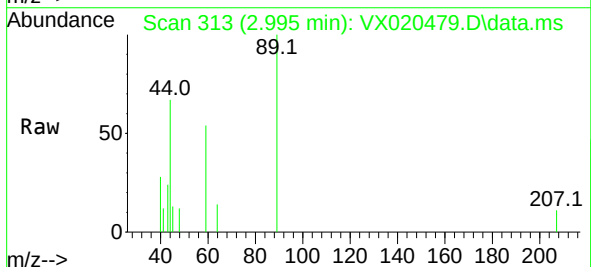


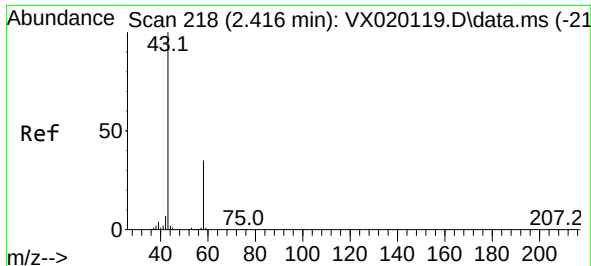
Tgt Ion:142 Resp: 492
Ion Ratio Lower Upper
142 100
127 45.3 33.3 49.9
141 10.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.03 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

Tgt Ion: 59 Resp: 774
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

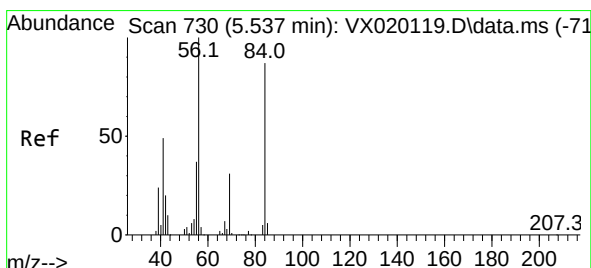
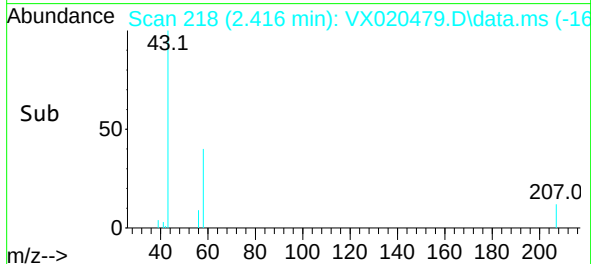
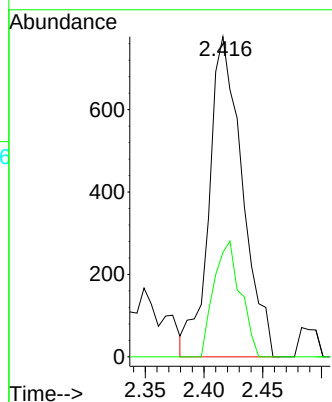
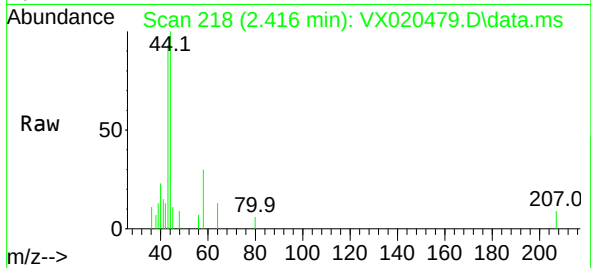




#16
Acetone
Concen: 1.00 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

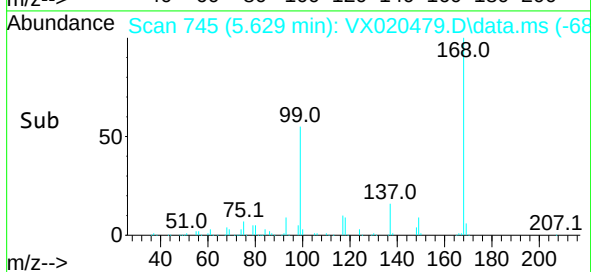
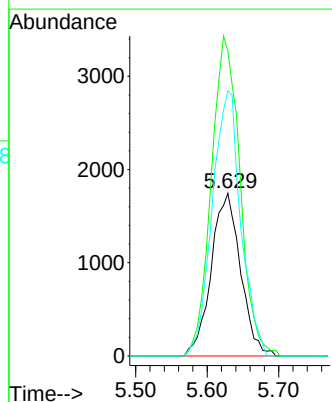
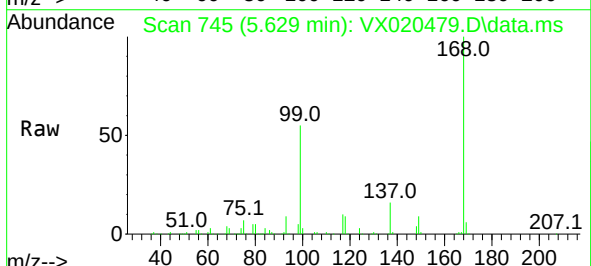
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

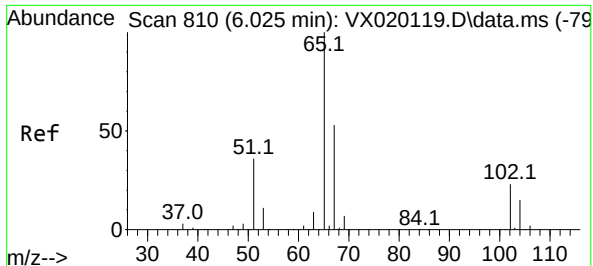
Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

Tgt Ion: 56 Resp: 4967
Ion Ratio Lower Upper
56 100
69 187.3 25.3 37.9#
84 163.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.83 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020479.D

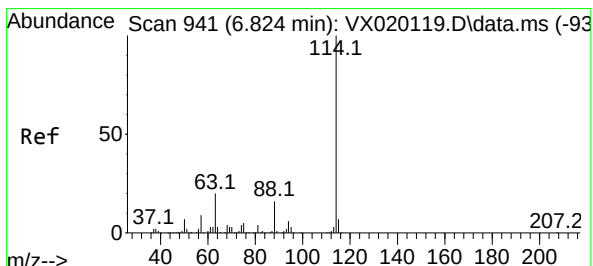
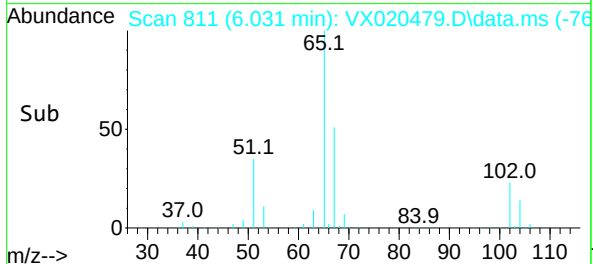
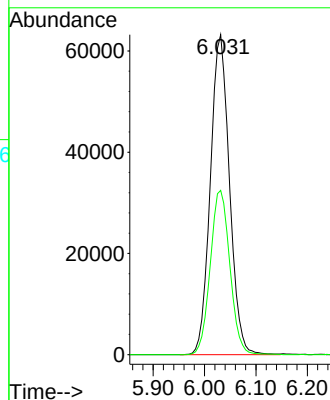
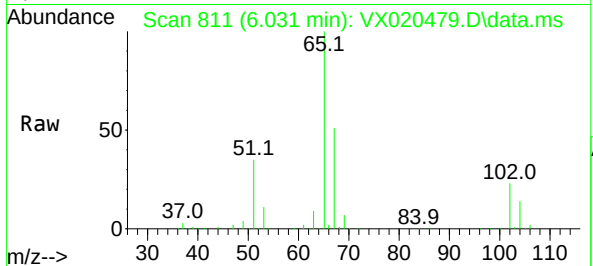
Acq: 31 Dec 2020 13:38

Tgt Ion: 65 Resp: 163581

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: VX020479.D

Acq: 31 Dec 2020 13:38

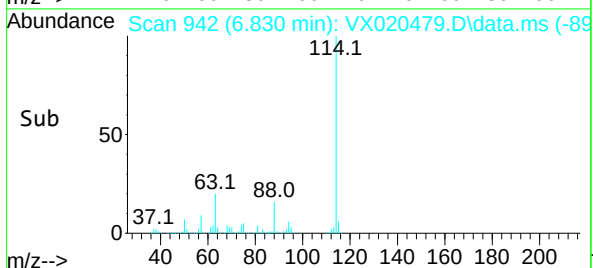
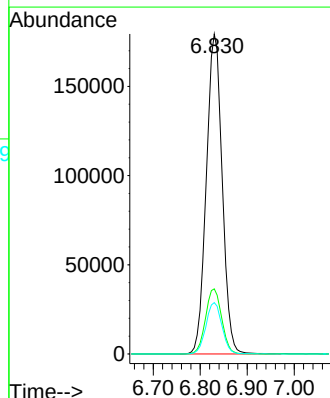
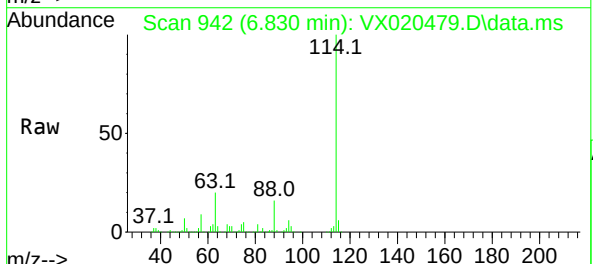
Tgt Ion: 114 Resp: 419362

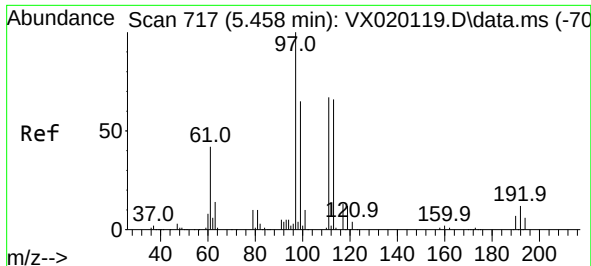
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

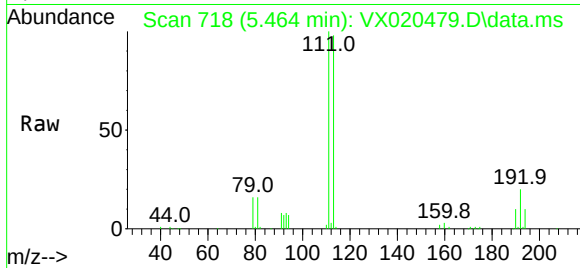
88 16.0 0.0 32.8



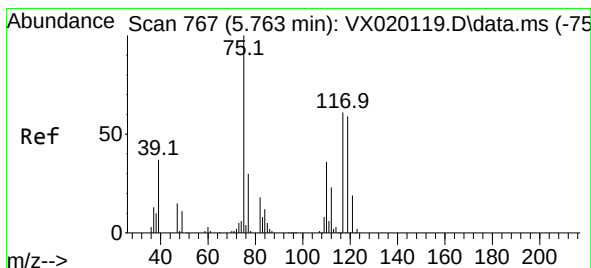
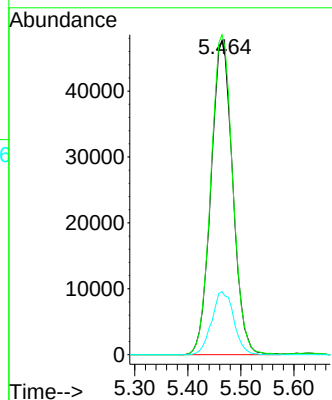
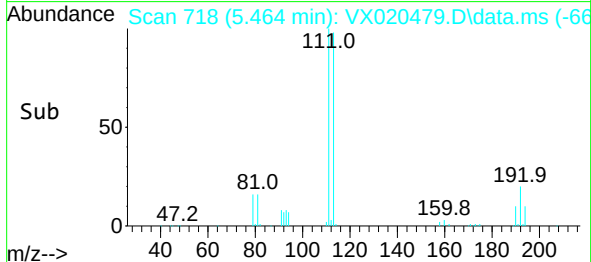


#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

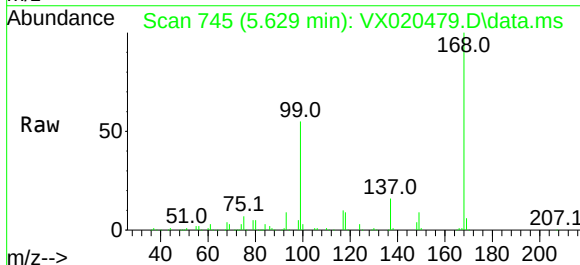
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



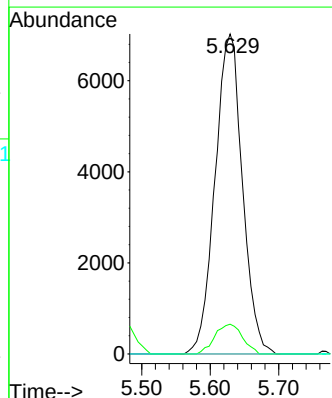
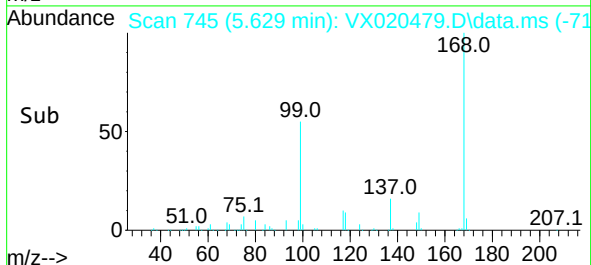
Tgt Ion:113 Resp: 135729
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.4 16.7 25.1

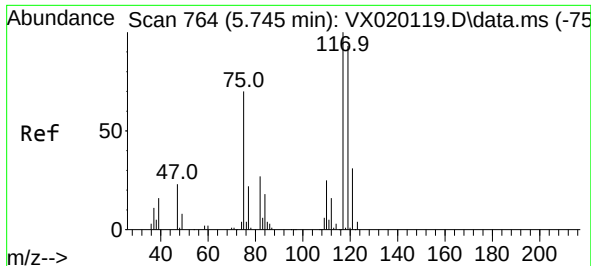


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38



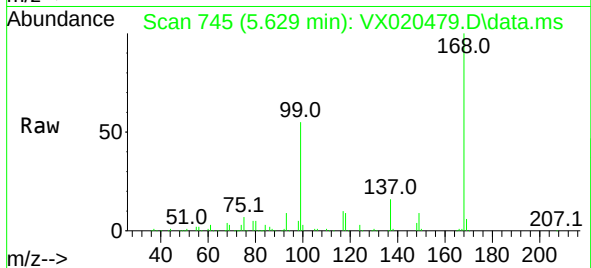
Tgt Ion: 75 Resp: 19467
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



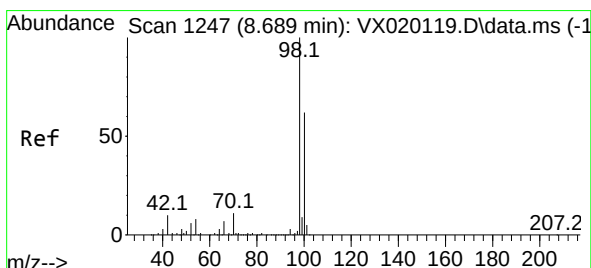
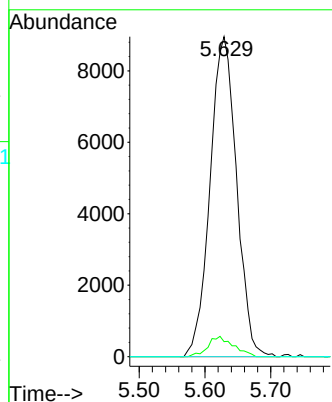
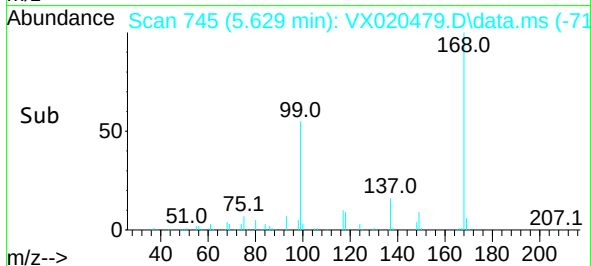


#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

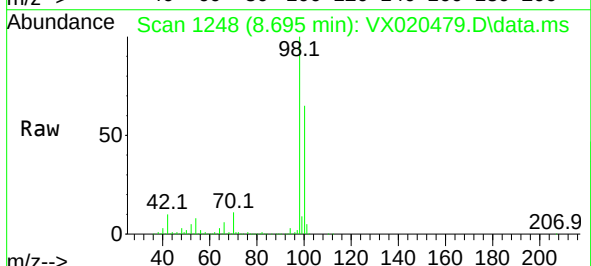
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4



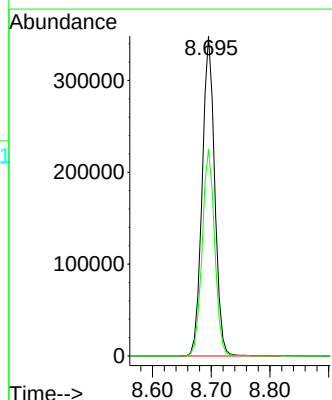
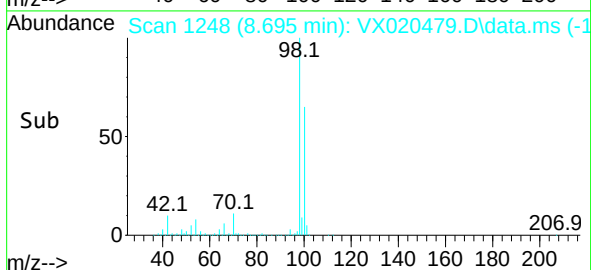
Tgt Ion:117 Resp: 25132
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

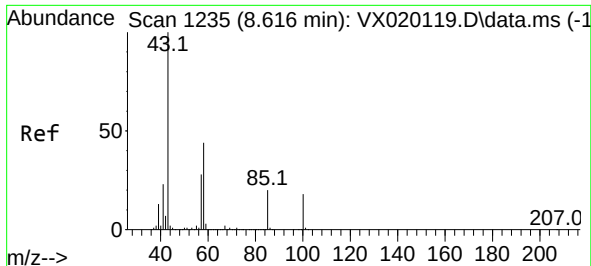


#50
Toluene-d8
Concen: 49.85 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38



Tgt Ion: 98 Resp: 514797
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

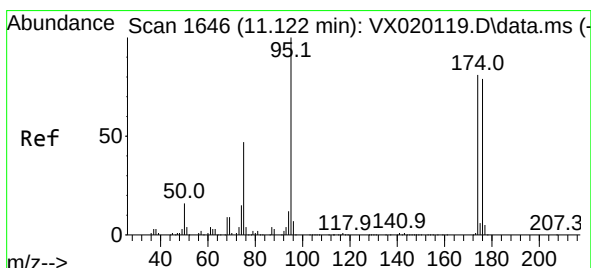
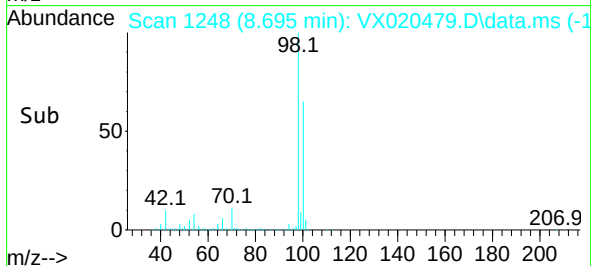
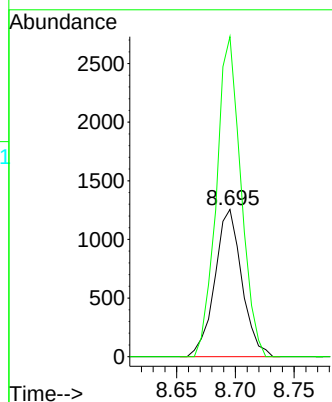
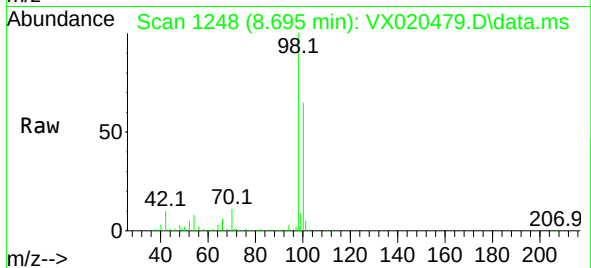




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

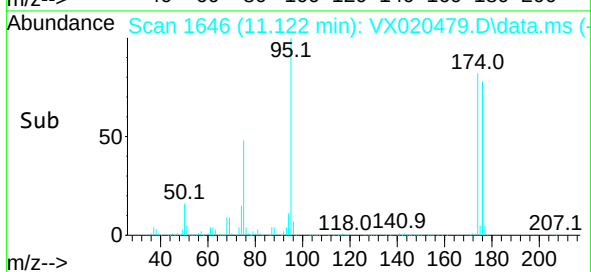
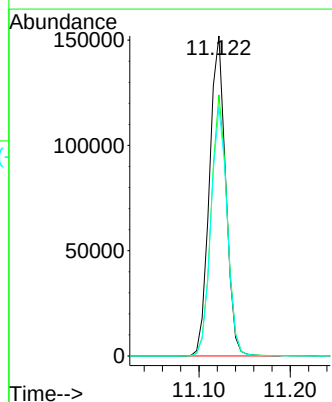
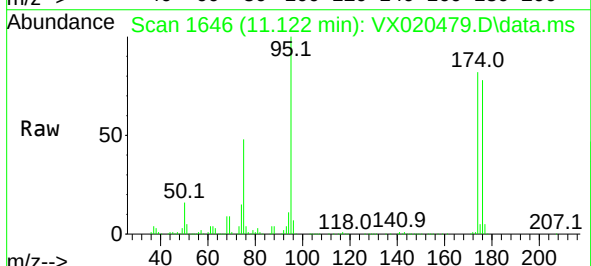
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

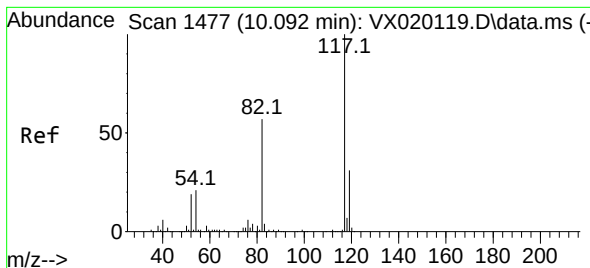
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 197.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

Tgt Ion: 95 Resp: 187021
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 77.5 0.0 155.8

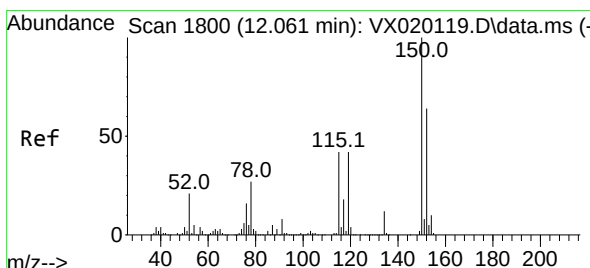
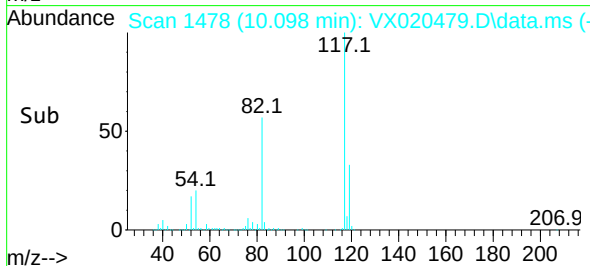
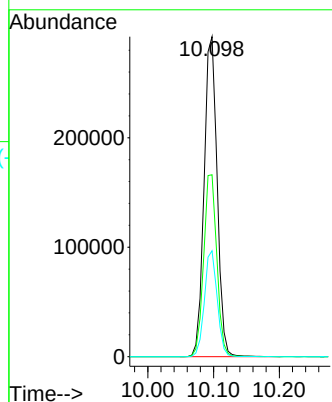
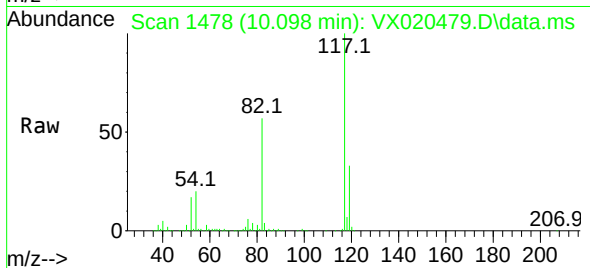




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

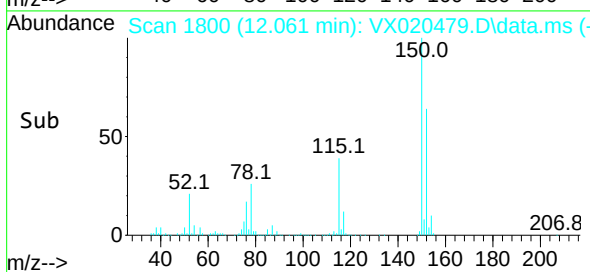
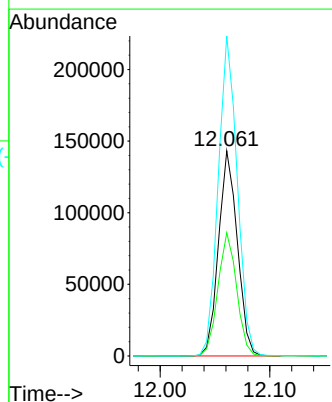
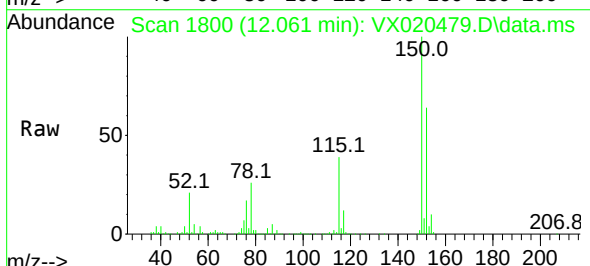
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

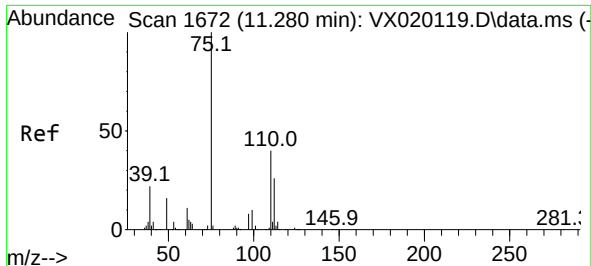
Tgt Ion:117 Resp: 403123
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

Tgt Ion:152 Resp: 170965
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 157.7 0.0 349.0

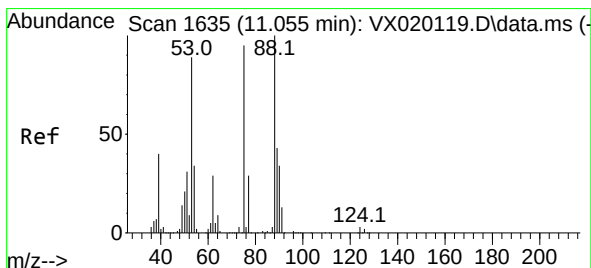
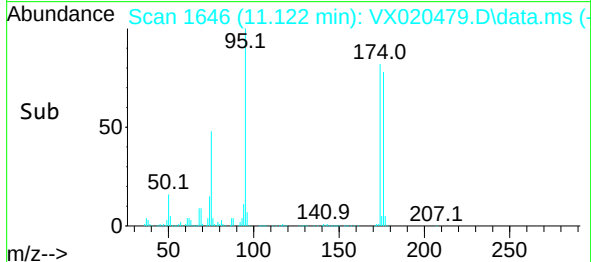
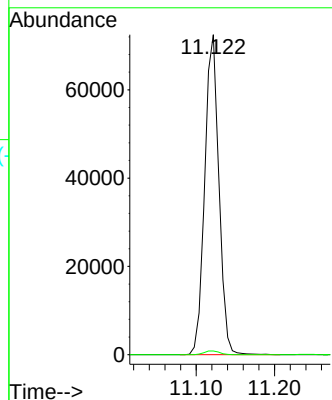
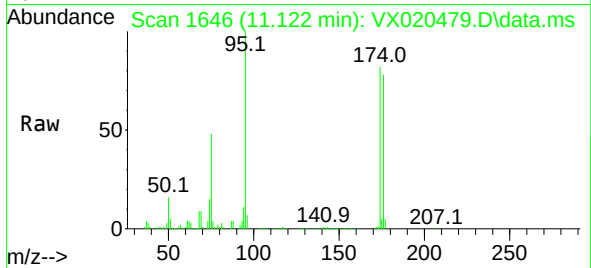




#76
1,2,3-Trichloropropane
Concen: 21.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

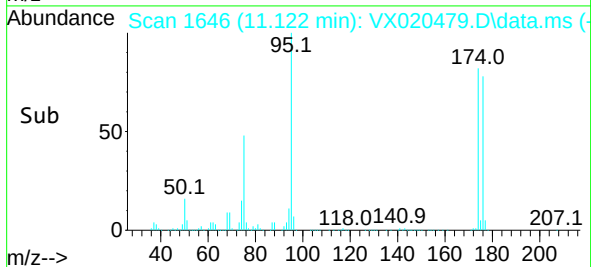
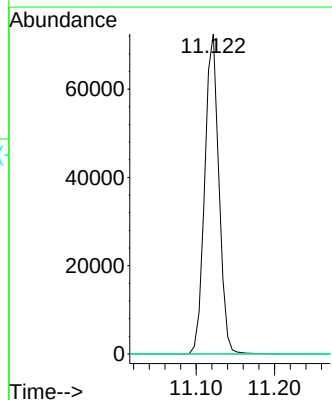
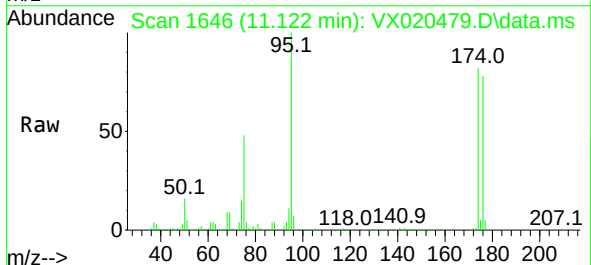
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

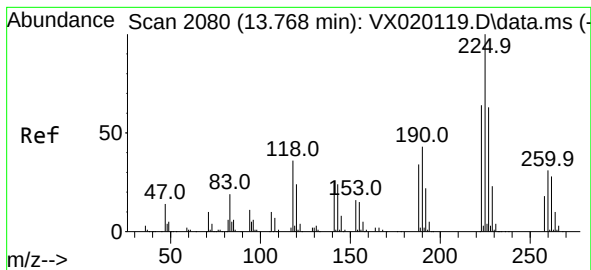
Tgt Ion: 75 Resp: 90873
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020479.D
Acq: 31 Dec 2020 13:38

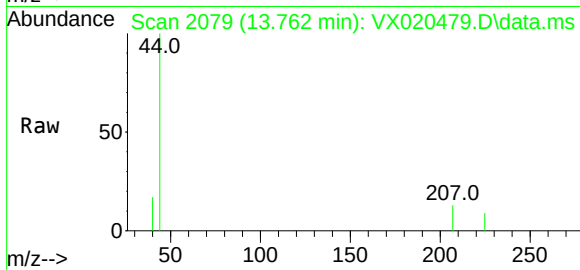
Tgt Ion: 75 Resp: 90873
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.68 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020479.D
 Acq: 31 Dec 2020 13:38

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



Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	0.0	31.6	95.0#

