

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020638.D
 Acq On : 15 Jan 2021 18:09
 Operator : JC/MD
 Sample : M1158-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 16 00:57:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

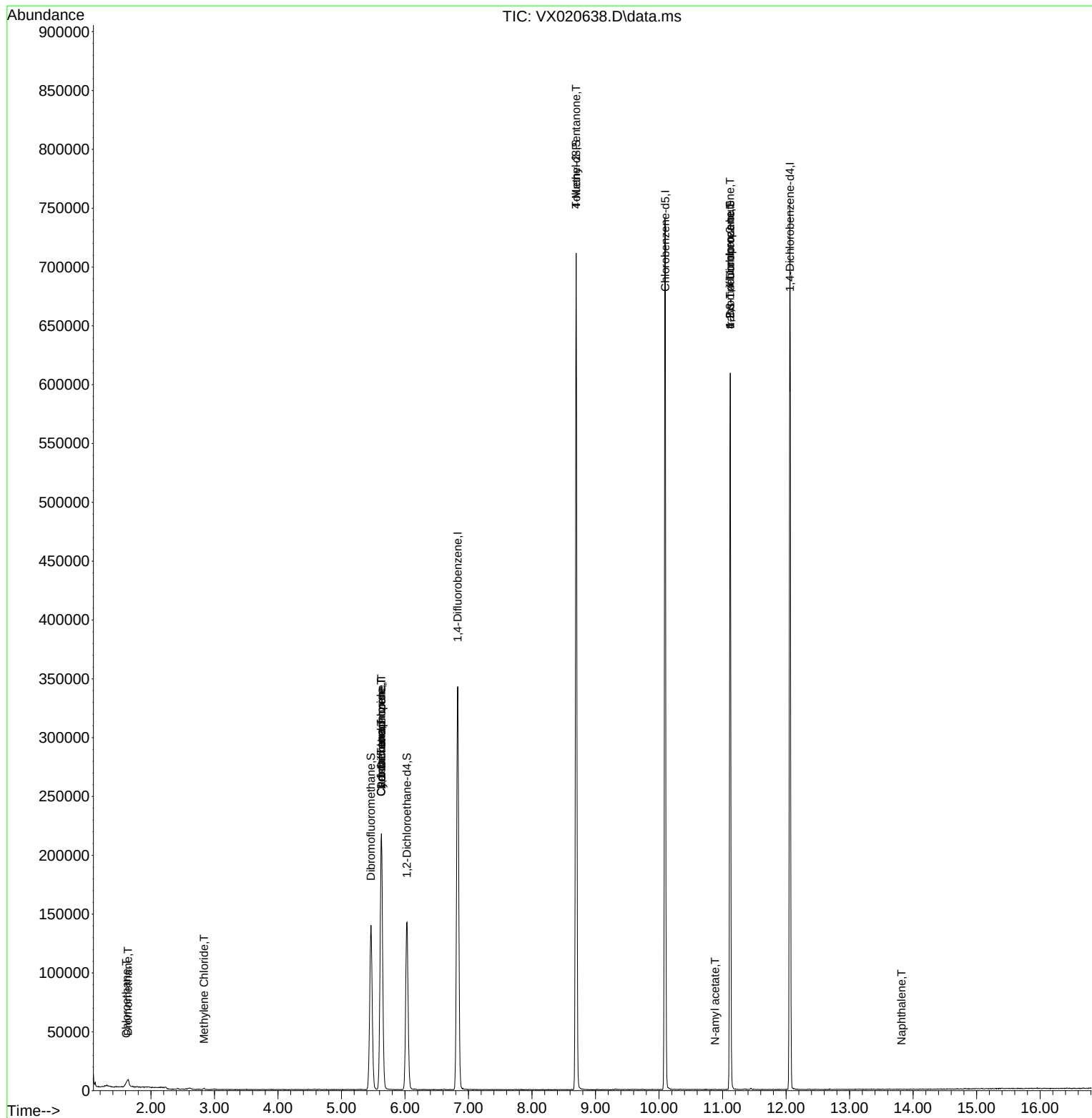
Internal Standards						
1) Pentafluorobenzene	5.629	168	199191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	349512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	360057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	150886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	139683	58.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.76%
35) Dibromofluoromethane	5.464	113	118826	49.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.14%
50) Toluene-d8	8.696	98	420561	48.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.06%
62) 4-Bromofluorobenzene	11.122	95	170005	55.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.10%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	524	0.37	ug/l	95
6) Chloroethane	1.611	64	85	0.48	ug/l #	43
11) Tert butyl alcohol	2.995	59	134	Below Cal	#	73
16) Acetone	2.422	43	788	Below Cal	#	83
20) Methylene Chloride	2.837	84	476	0.21	ug/l #	79
31) Cyclohexane	5.623	56	4160	1.48	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15565	4.87	ug/l #	49
38) Carbon Tetrachloride	5.623	117	20867	5.60	ug/l #	15
51) 4-Methyl-2-Pentanone	8.696	43	1777	0.64	ug/l #	1
74) N-amyl acetate	10.884	43	39	1.25	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	83152	26.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83152	71.28	ug/l #	12
95) Naphthalene	13.817	128	260	3.87	ug/l #	69

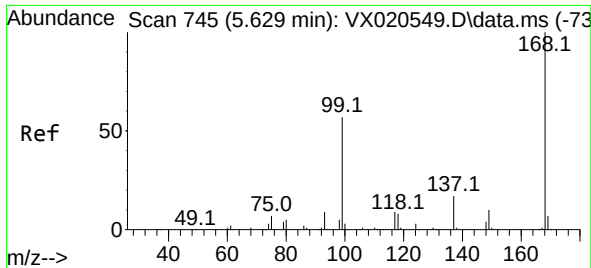
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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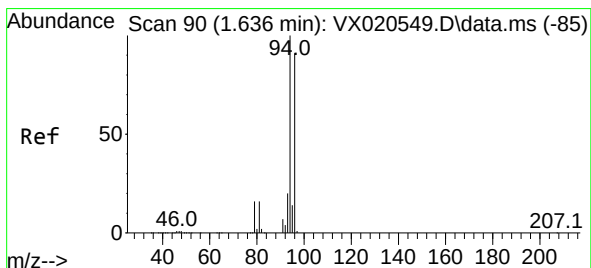
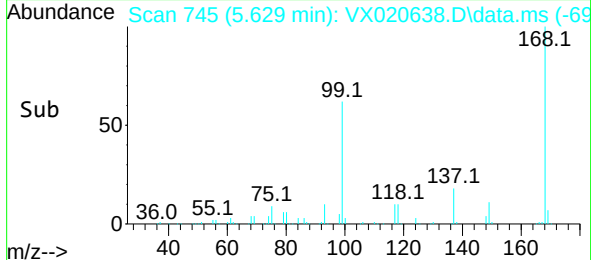
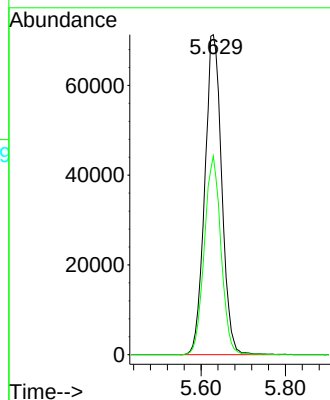
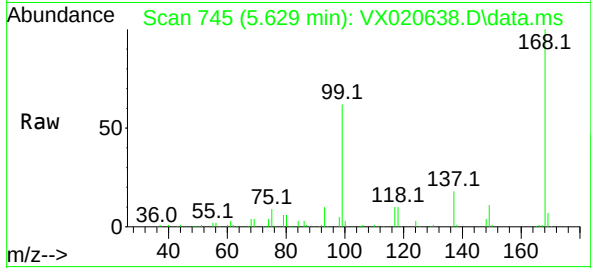




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

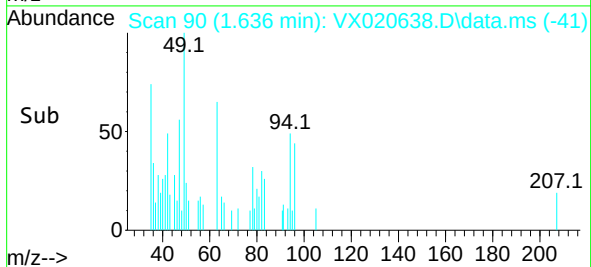
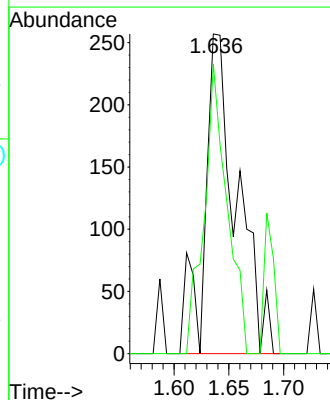
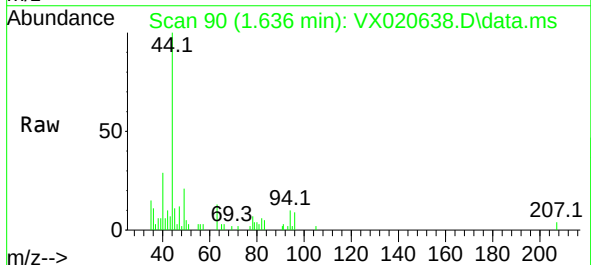
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

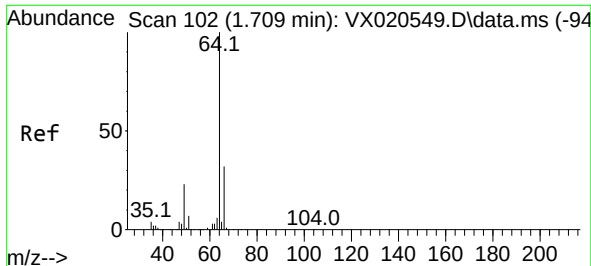
Tgt Ion:168 Resp: 199191
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 90.7 76.4 114.6

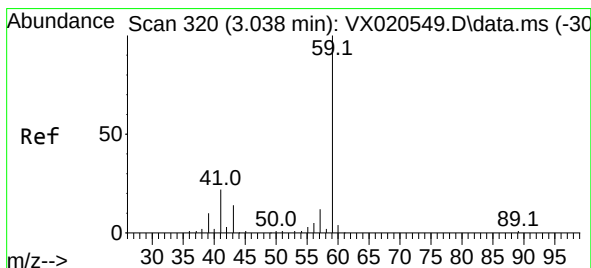
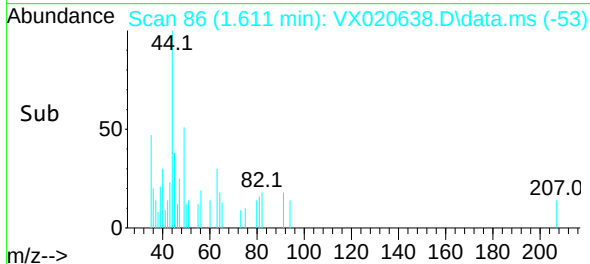
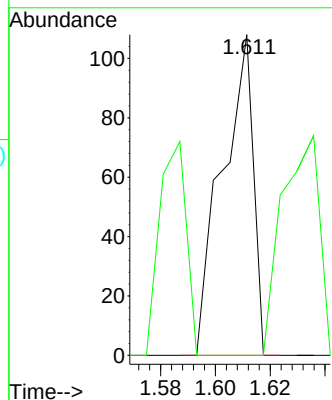
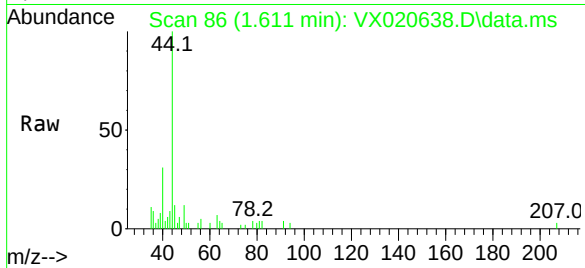




#6
Chloroethane
Concen: 0.48 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.098 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

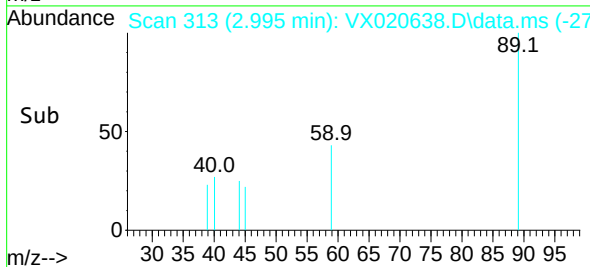
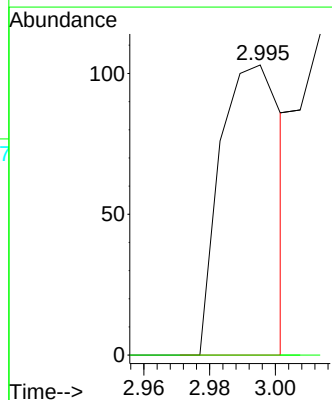
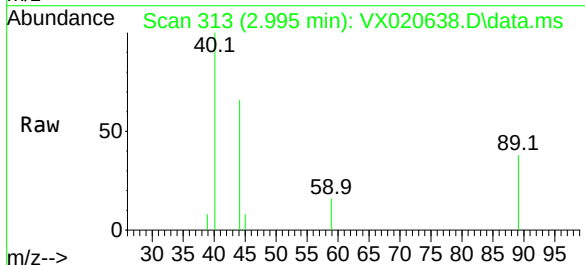
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

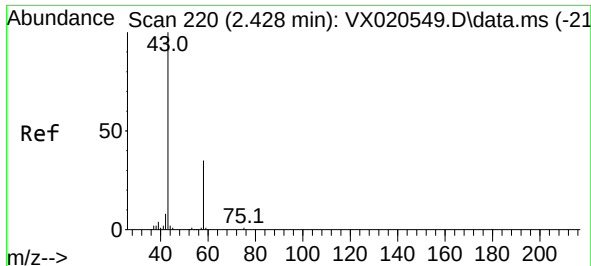
Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

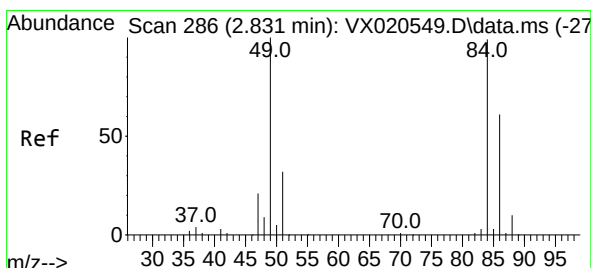
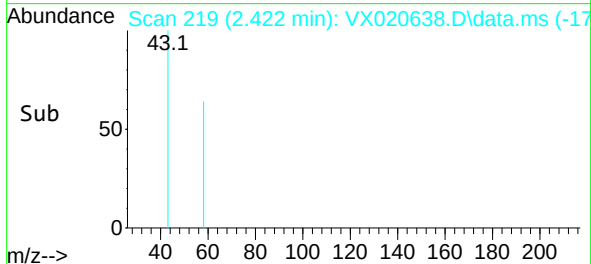
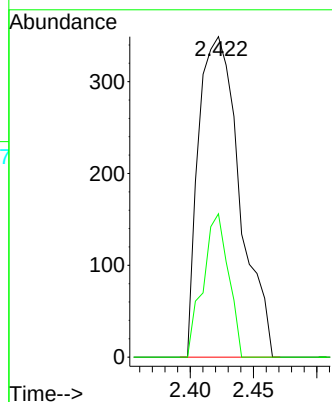
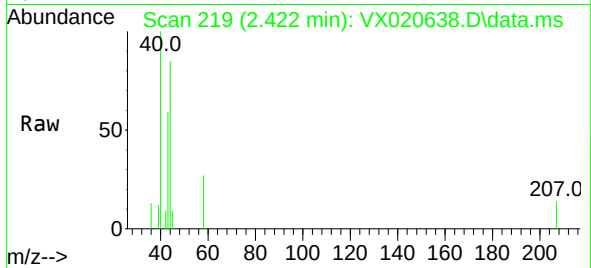




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

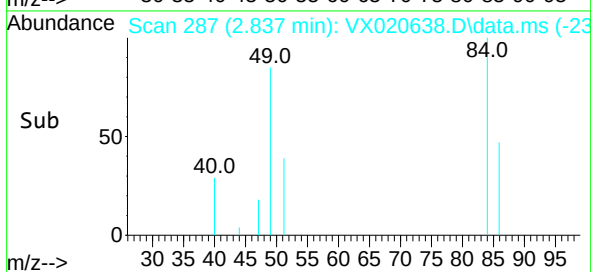
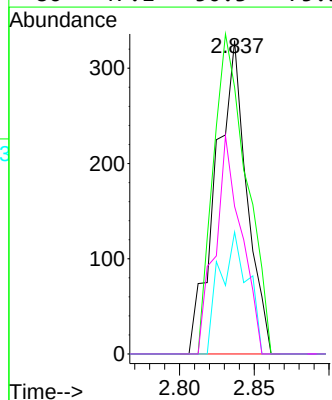
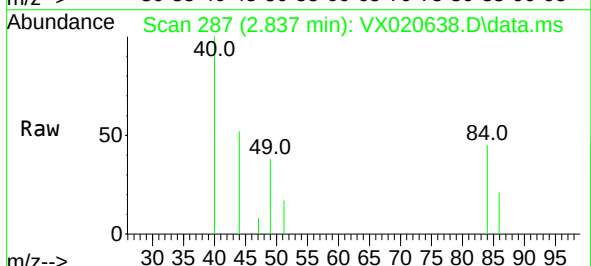
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

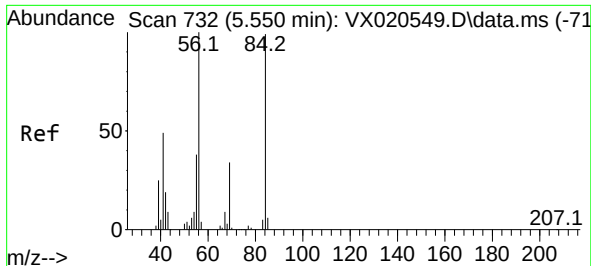
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 44.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

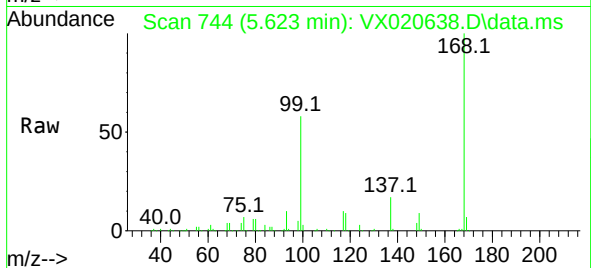
Tgt Ion: 84 Resp: 476
Ion Ratio Lower Upper
84 100
49 85.1 88.6 132.8#
51 38.9 27.0 40.6
86 47.1 50.3 75.5#



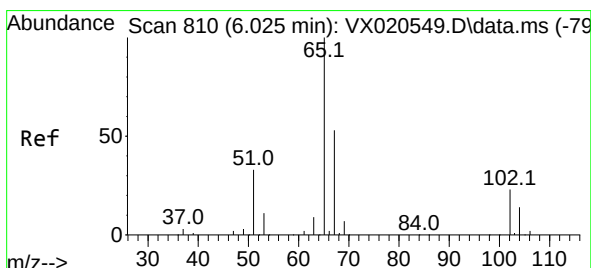
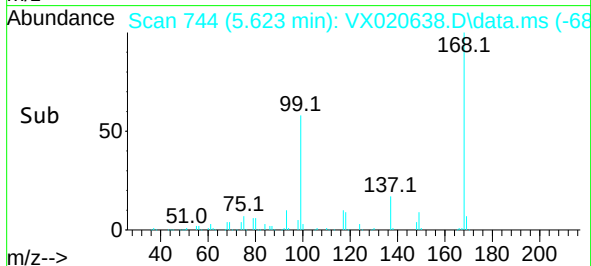
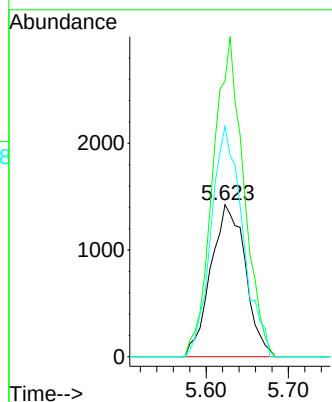


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

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

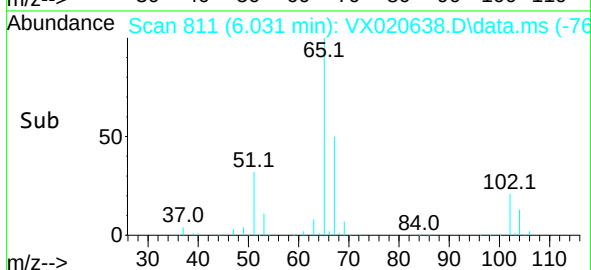
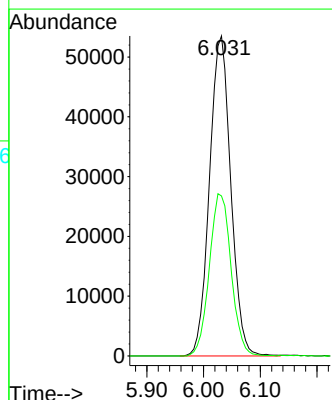
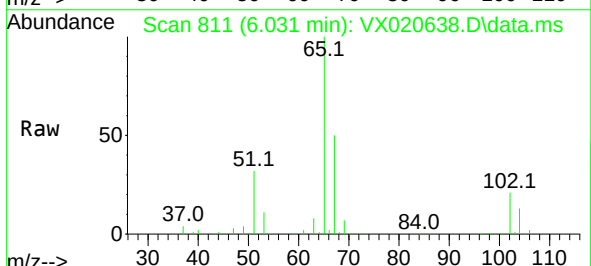


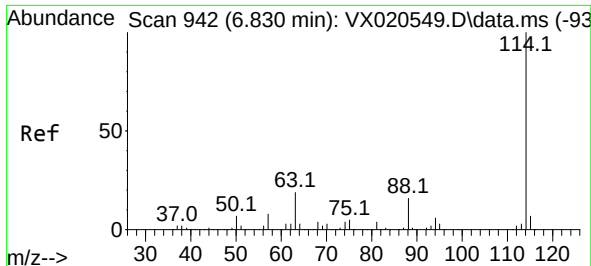
Tgt Ion: 56 Resp: 4160
Ion Ratio Lower Upper
56 100
69 181.2 25.3 37.9#
84 151.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 58.38 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion: 65 Resp: 139683
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

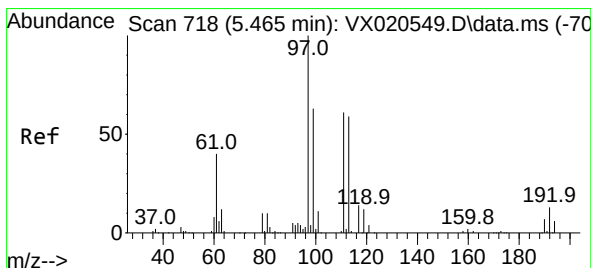
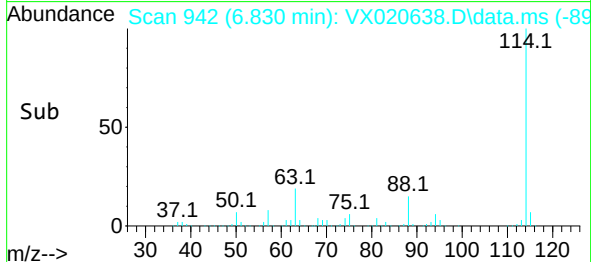
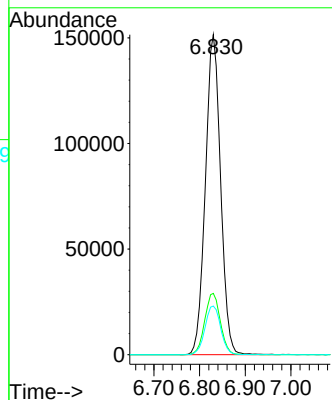
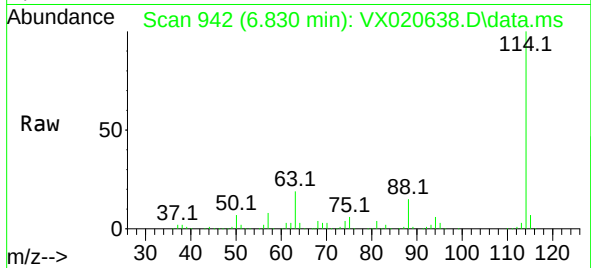




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

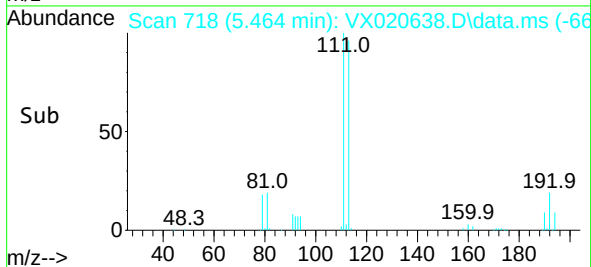
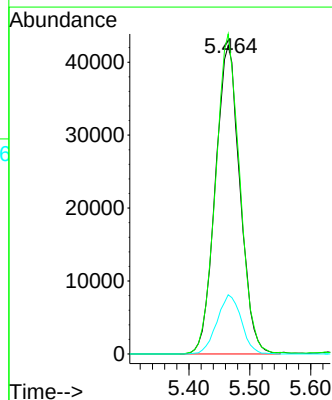
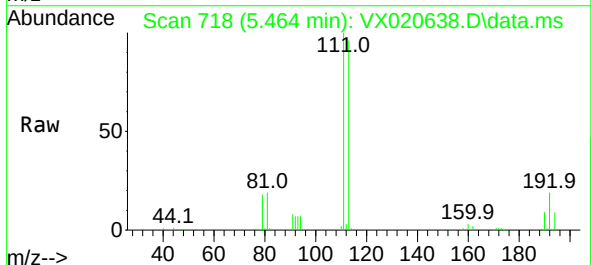
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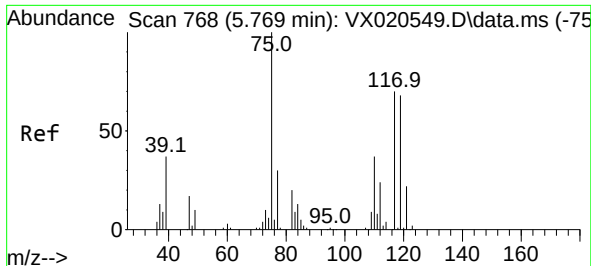
Tgt Ion:114 Resp: 349512
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.07 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion:113 Resp: 118826
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 18.9 16.7 25.1

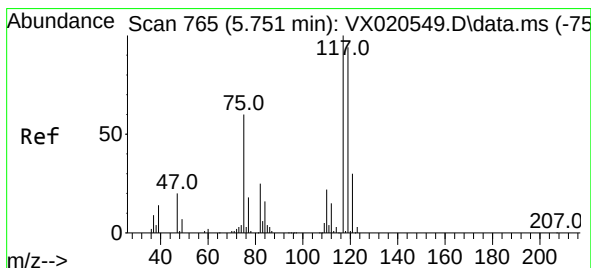
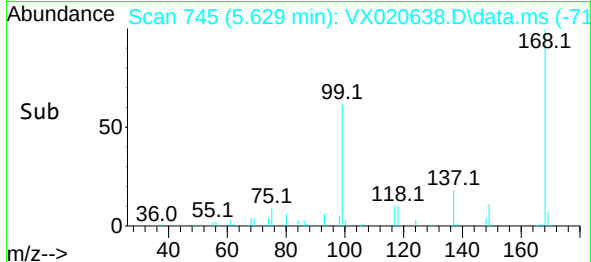
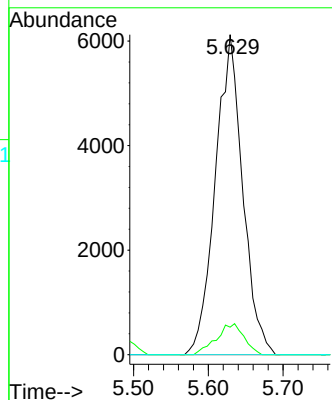
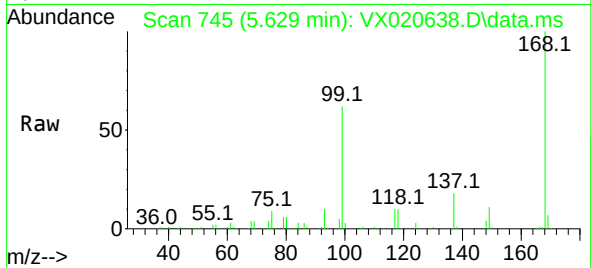




#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

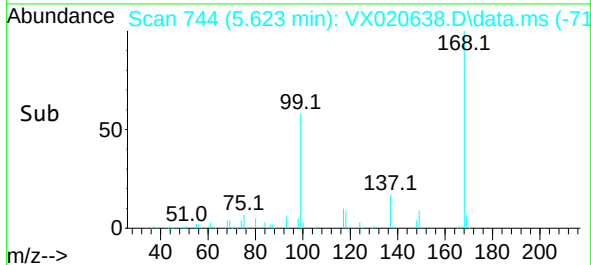
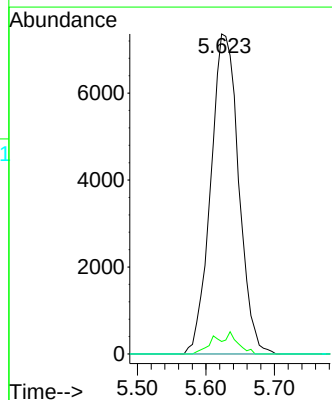
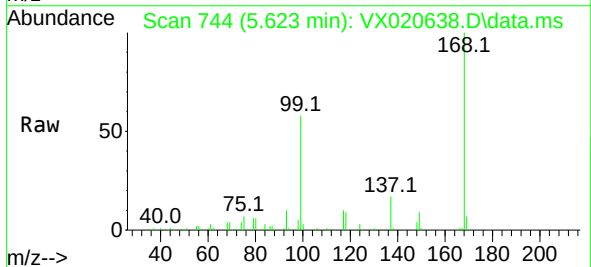
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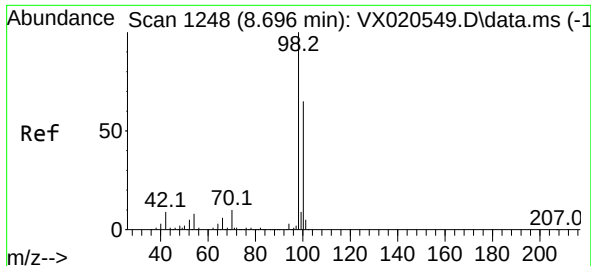
Tgt Ion: 75 Resp: 15565
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion: 117 Resp: 20867
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

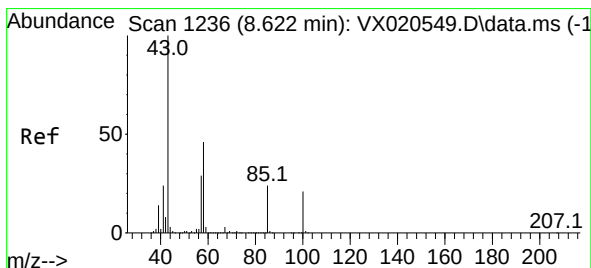
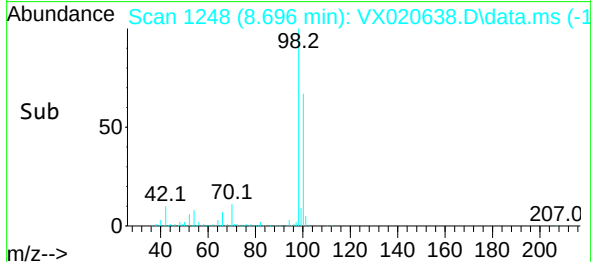
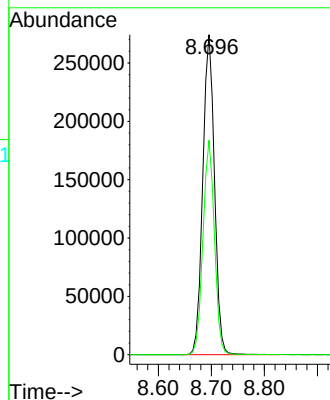
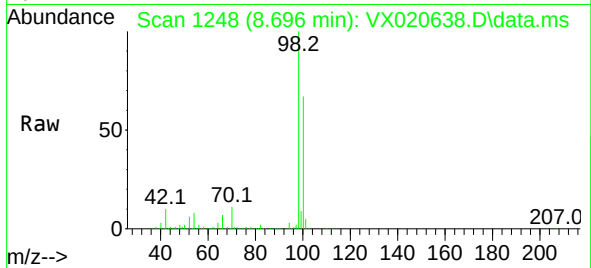




#50
Toluene-d8
Concen: 48.53 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

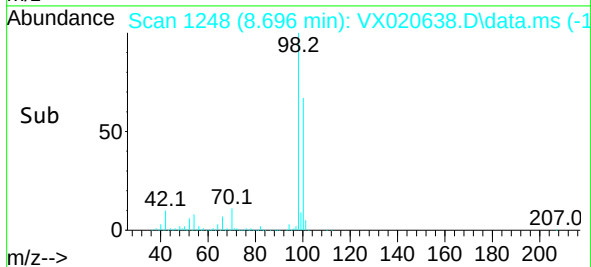
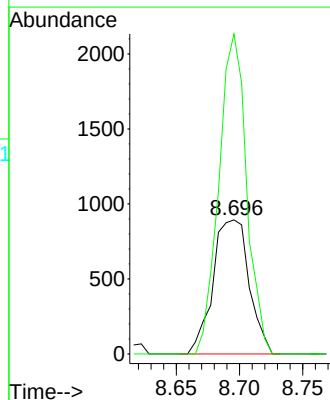
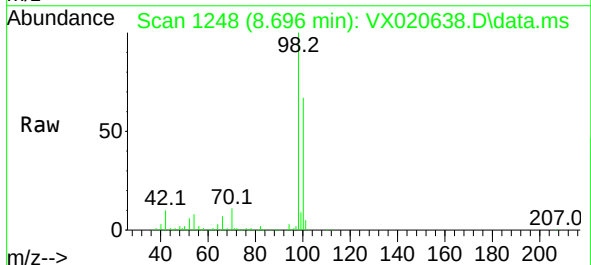
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

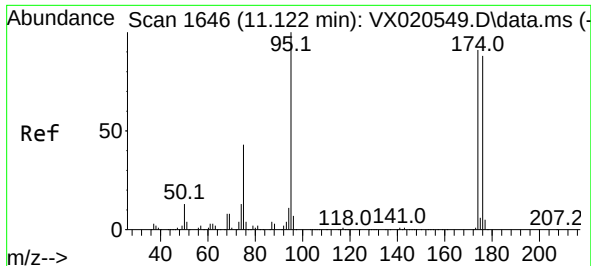
Tgt Ion: 98 Resp: 420561
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.074 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 183.3 35.4 53.0#

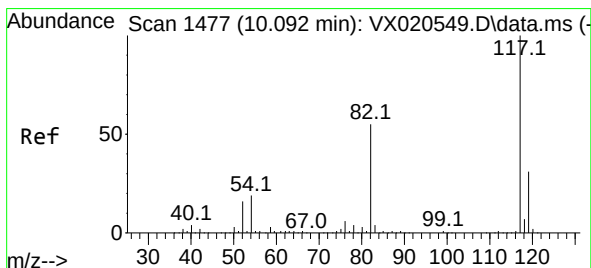
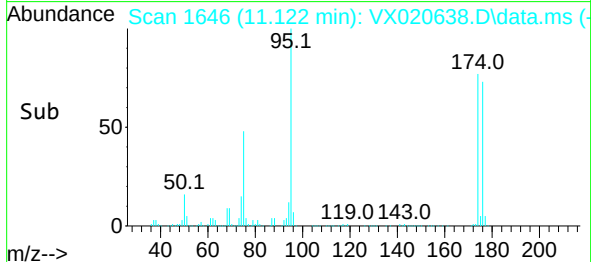
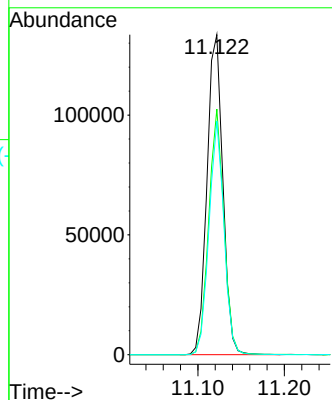
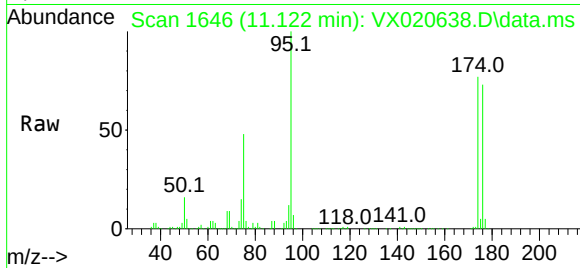




#62
4-Bromofluorobenzene
Concen: 55.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

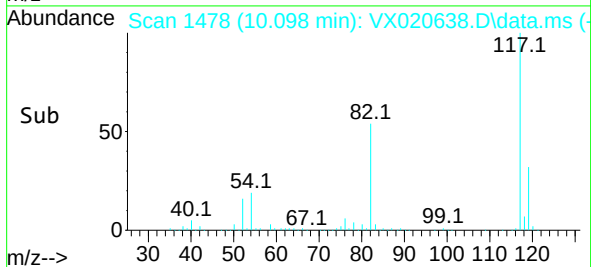
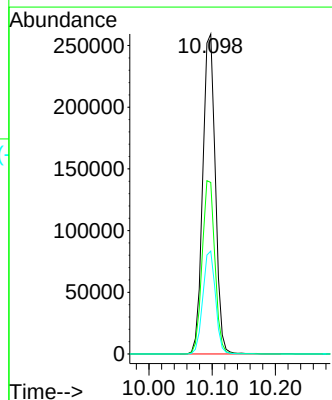
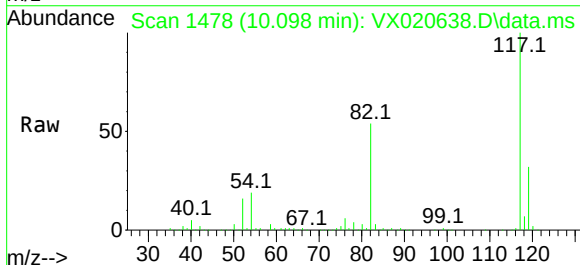
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

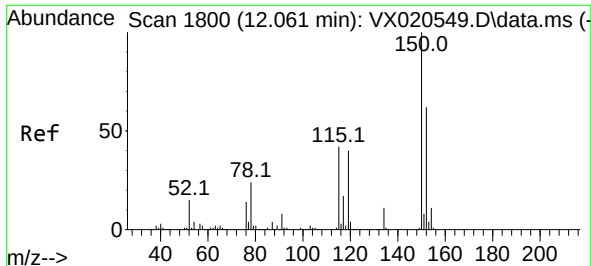
Tgt Ion:	95	Resp:	170005
Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	154.6
176	68.8	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion:	117	Resp:	360057
Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.4	71.2
119	32.1	26.6	39.8

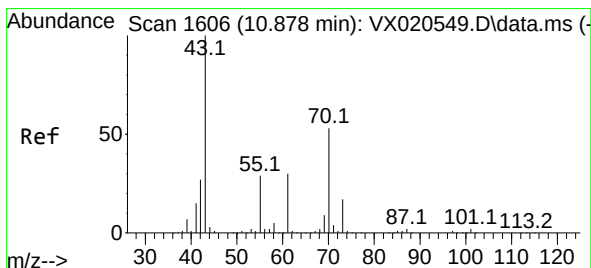
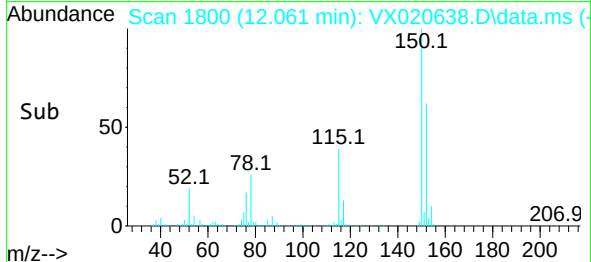
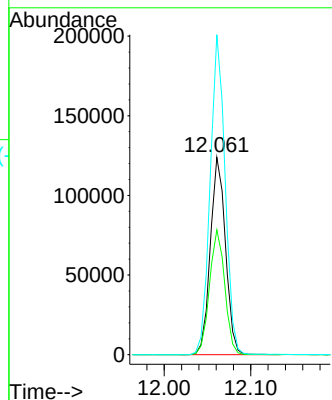
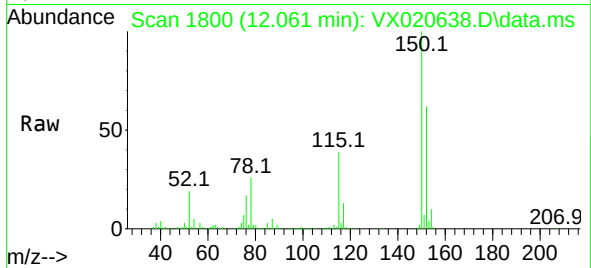




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

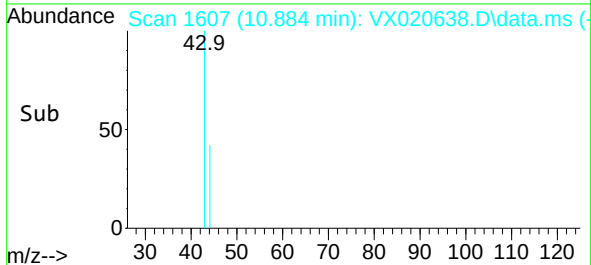
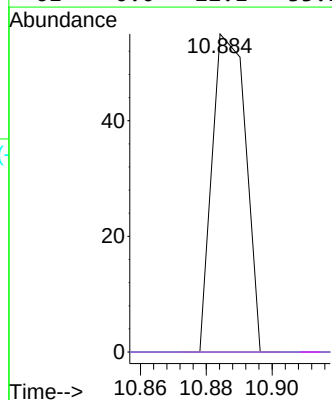
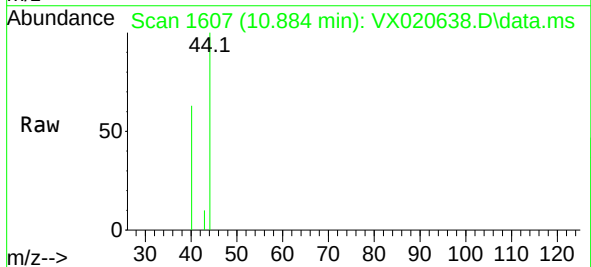
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

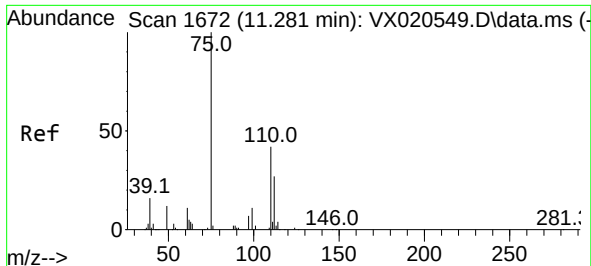
Tgt Ion:152 Resp: 150886
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 159.8 0.0 349.0



#74
N-ethyl acetate
Concen: 1.25 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

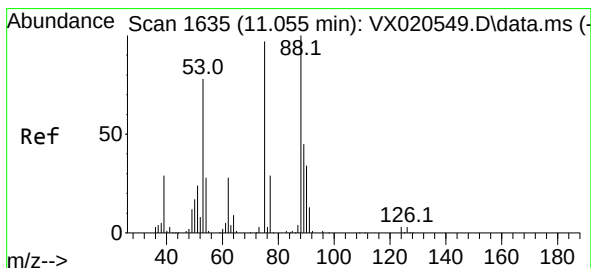
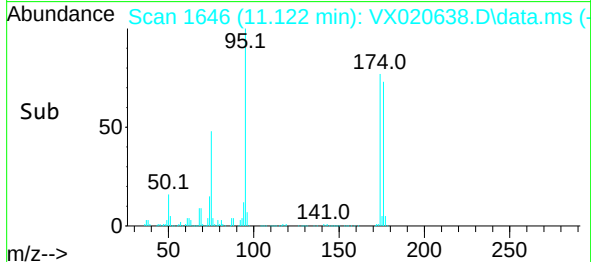
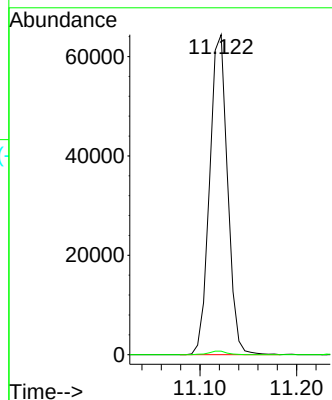
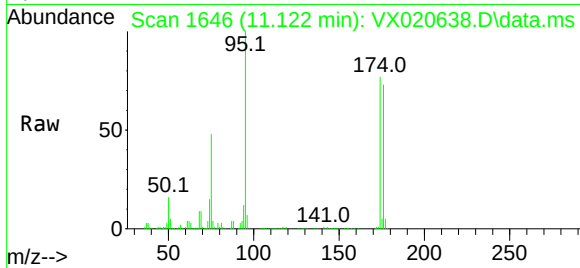




#76
1,2,3-Trichloropropane
Concen: 26.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

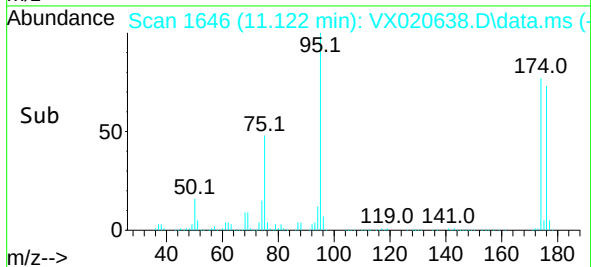
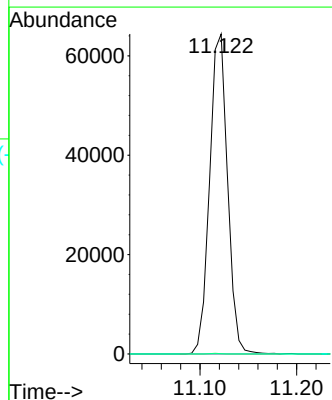
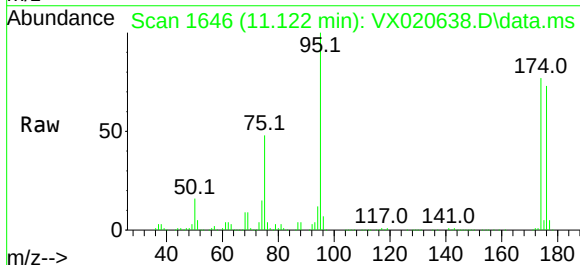
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

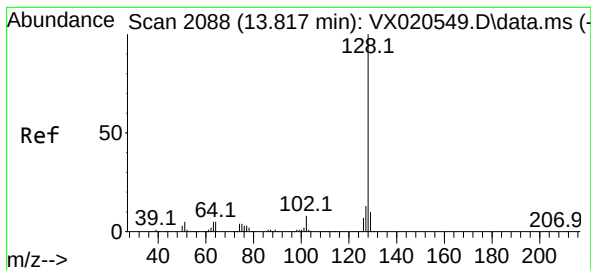
Tgt Ion: 75 Resp: 83152
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

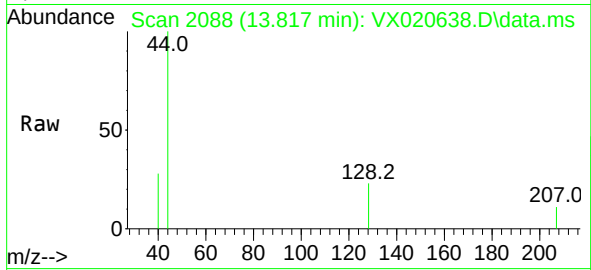
Tgt Ion: 75 Resp: 83152
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020638.D
Acq: 15 Jan 2021 18:09

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



Tgt Ion:128 Resp: 260
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

