

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020669.D
 Acq On : 19 Jan 2021 19:13
 Operator : JC/SP
 Sample : M1158-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 20 03:22:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	245100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	427123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	391186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	168663	50.33	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.66%
35) Dibromofluoromethane	5.464	113	141292	48.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.02%
50) Toluene-d8	8.696	98	515921	48.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.24%
62) 4-Bromofluorobenzene	11.122	95	183780	45.82	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.64%

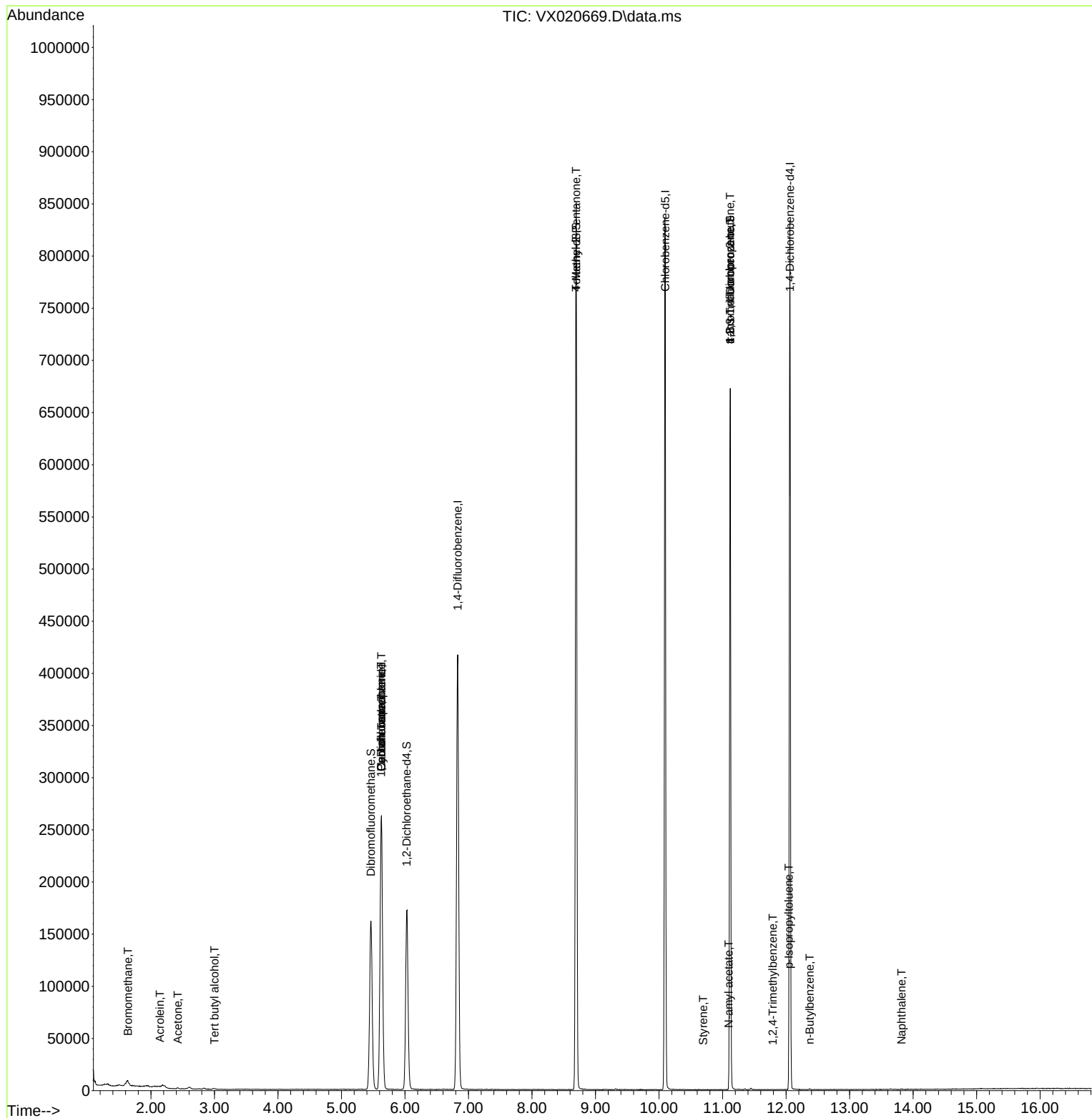
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	441	0.27	ug/l	# 54
6) Chloroethane	1.733	64	150	Below	Cal	# 43
11) Tert butyl alcohol	3.001	59	665	1.12	ug/l	# 73
13) Acrolein	2.142	56	65	30.47	ug/l	# 53
16) Acetone	2.422	43	942	0.72	ug/l	# 93
31) Cyclohexane	5.629	56	4781	1.09	ug/l	# 1
36) 1,1-Dichloropropene	5.623	75	18669	4.34	ug/l	# 49
38) Carbon Tetrachloride	5.629	117	24873	5.41	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.696	43	1962	0.51	ug/l	# 1
70) Styrene	10.695	104	22	1.42	ug/l	# 26
74) N-amyl acetate	11.098	43	57	1.95	ug/l	# 38
76) 1,2,3-Trichloropropane	11.122	75	89485	22.53	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.122	75	89485	65.16	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.793	105	96	0.41	ug/l	# 31
86) p-Isopropyltoluene	12.043	119	143	0.89	ug/l	# 1
89) n-Butylbenzene	12.372	91	220	1.45	ug/l	# 83
95) Naphthalene	13.817	128	232	1.97	ug/l	# 69

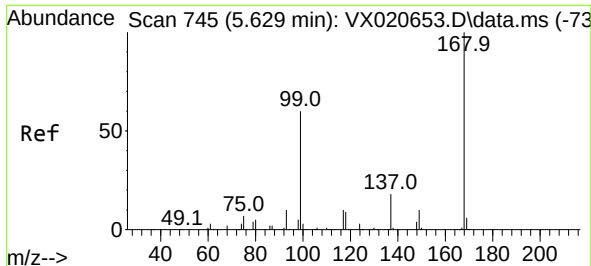
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

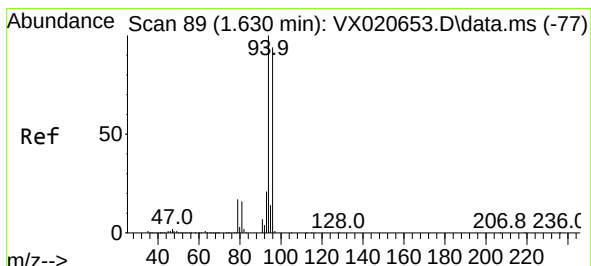
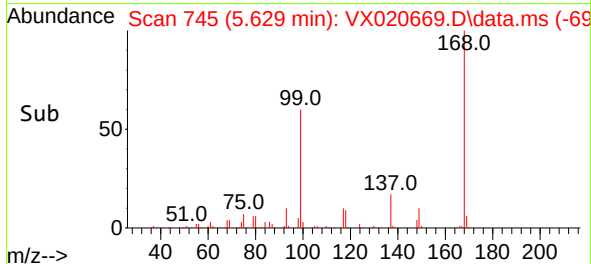
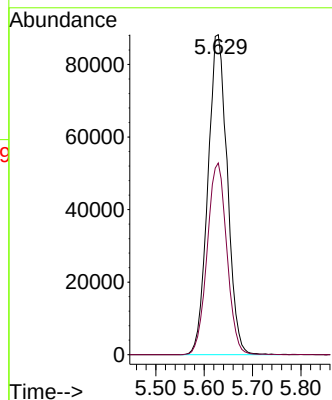
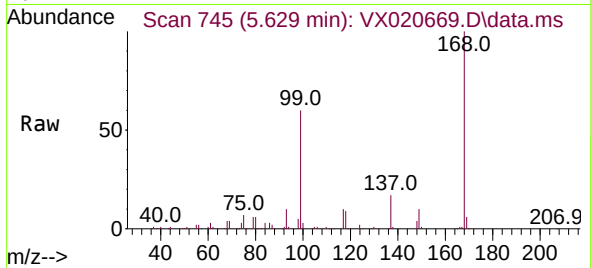




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

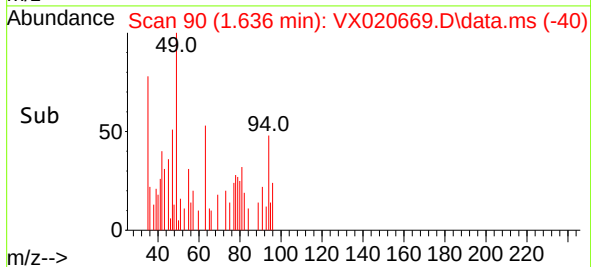
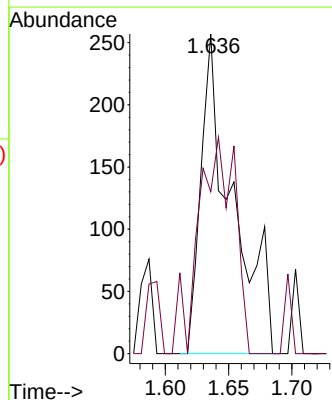
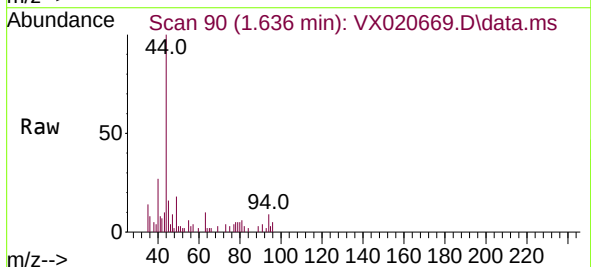
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

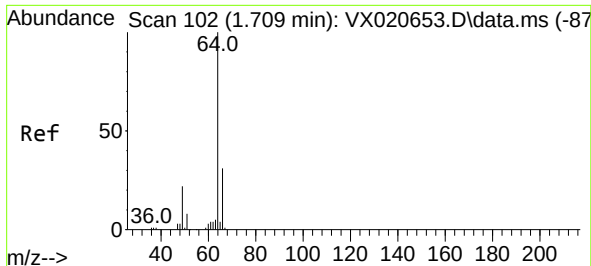
Tgt Ion:168 Resp: 245100
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion: 94 Resp: 441
Ion Ratio Lower Upper
94 100
96 50.6 76.4 114.6#

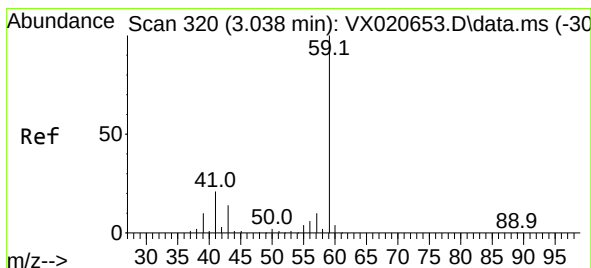
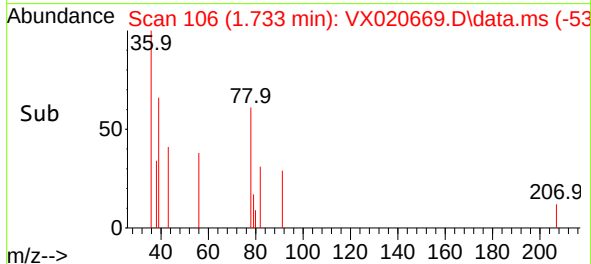
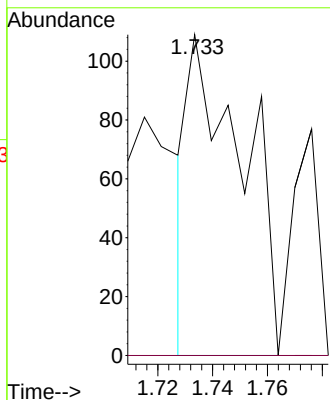
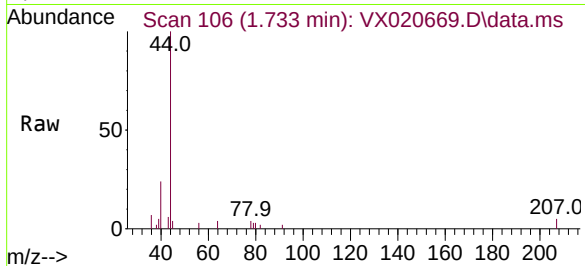




#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.024 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

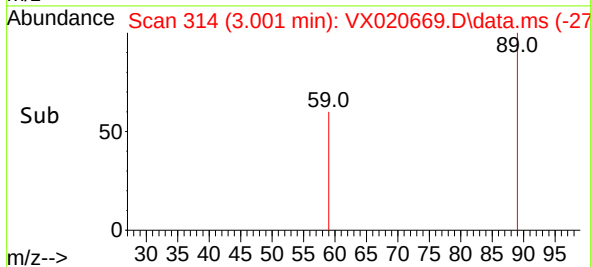
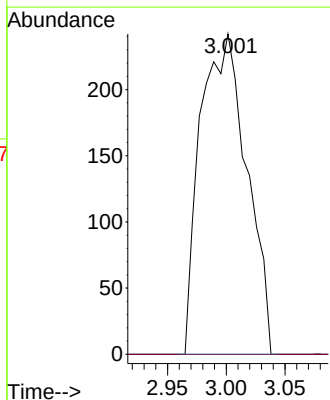
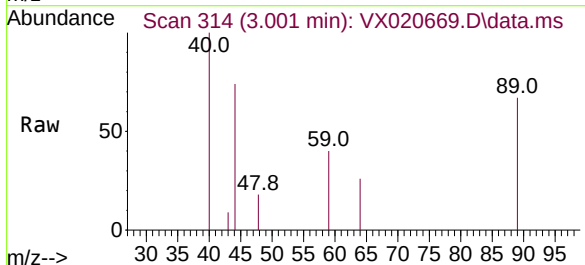
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

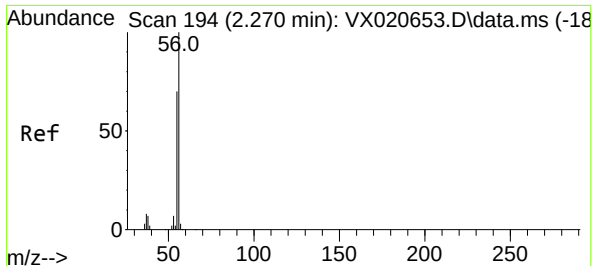
Tgt Ion: 64 Resp: 150
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.12 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion: 59 Resp: 665
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

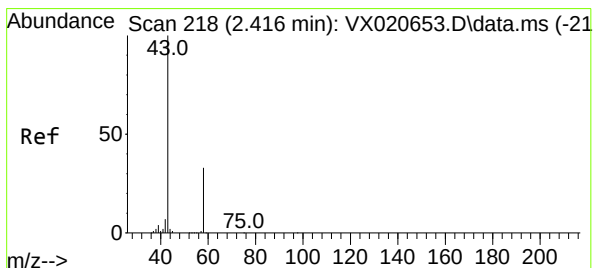
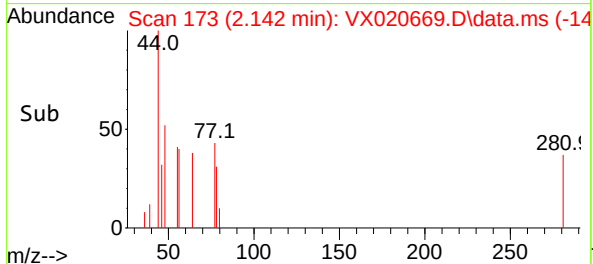
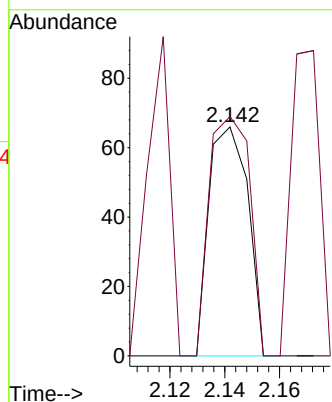
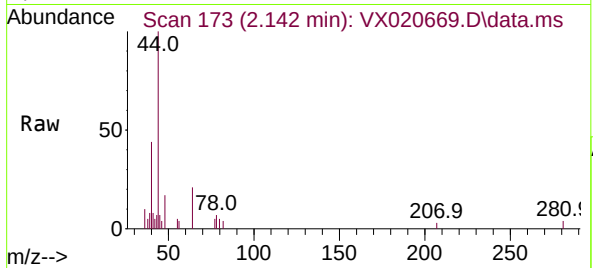




#13
Acrolein
Concen: 30.47 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.128 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

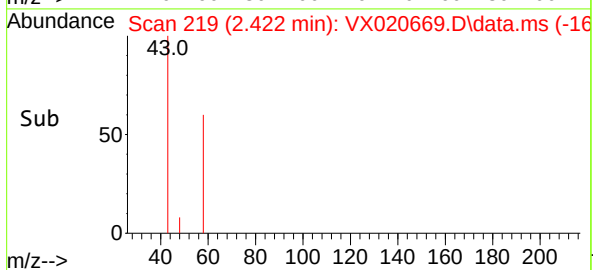
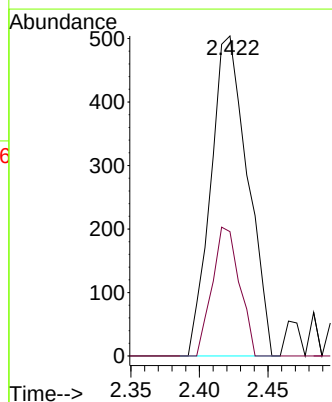
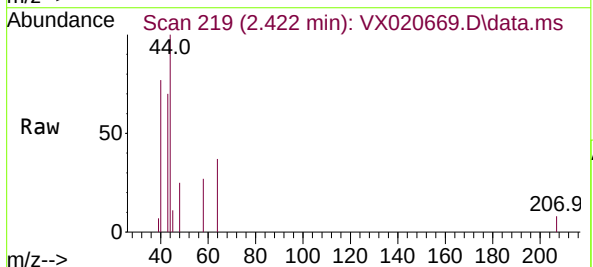
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

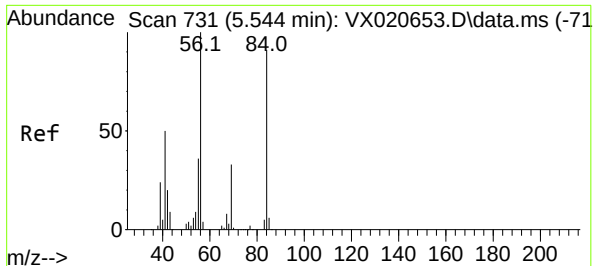
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 109.2 56.4 84.6#



#16
Acetone
Concen: 0.72 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

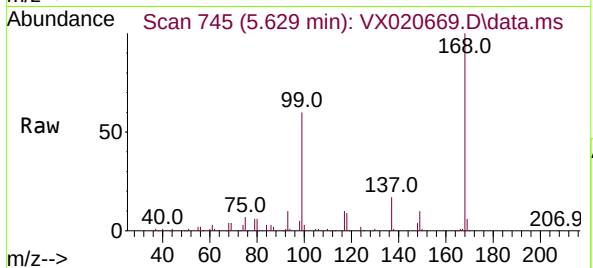
Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 38.9 27.8 41.8



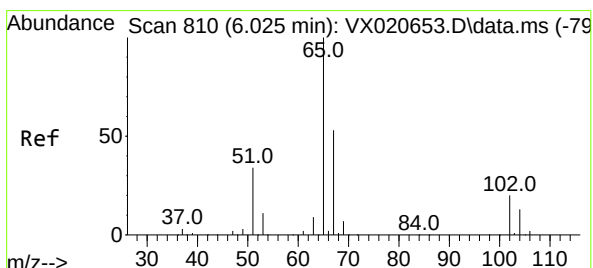
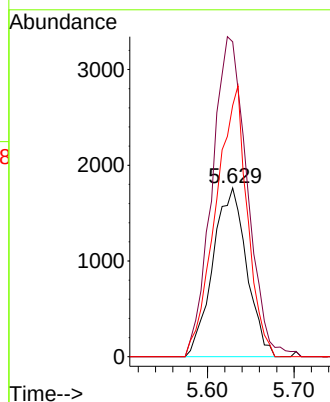
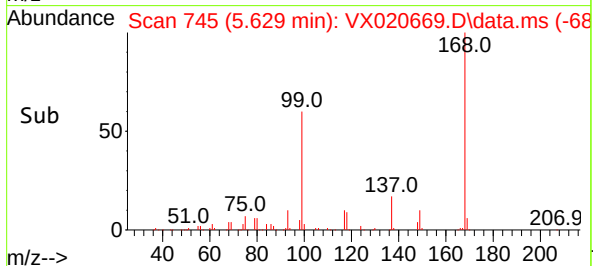


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

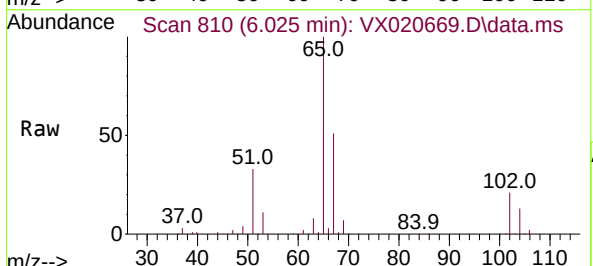
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



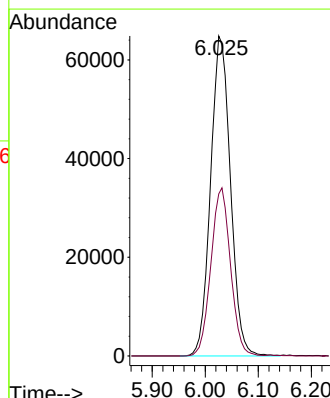
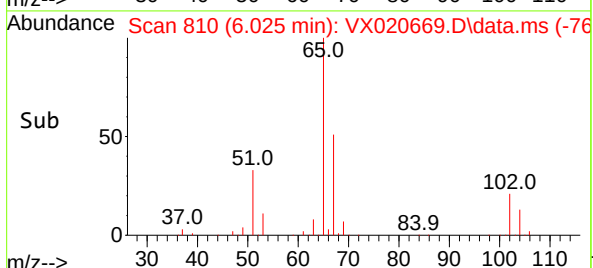
Tgt Ion: 56 Resp: 4781
Ion Ratio Lower Upper
56 100
69 186.7 25.3 37.9#
84 149.0 71.4 107.0#

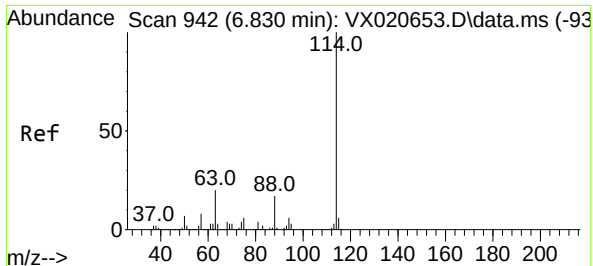


#33
1,2-Dichloroethane-d4
Concen: 50.33 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13



Tgt Ion: 65 Resp: 168663
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

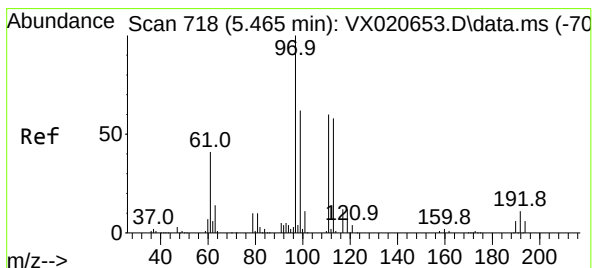
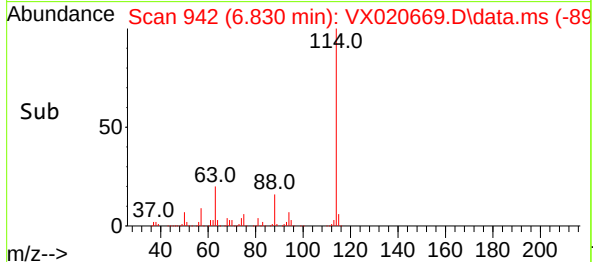
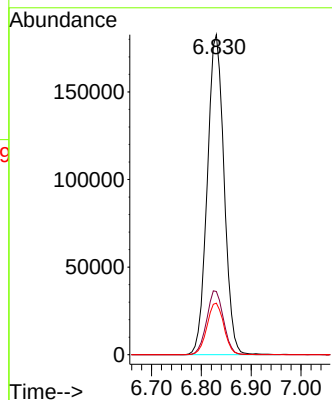
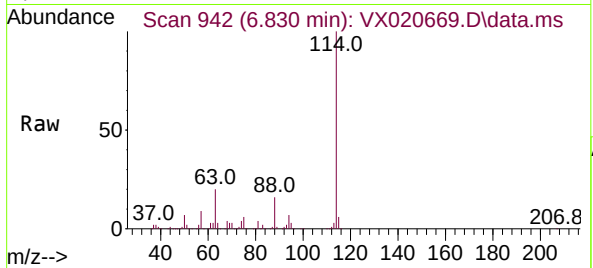




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

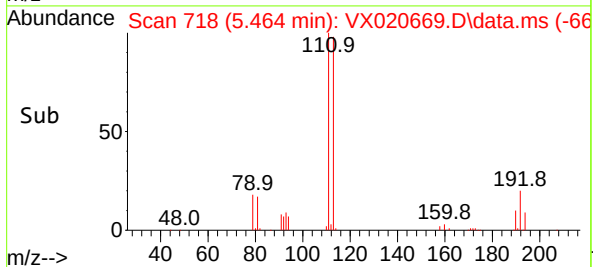
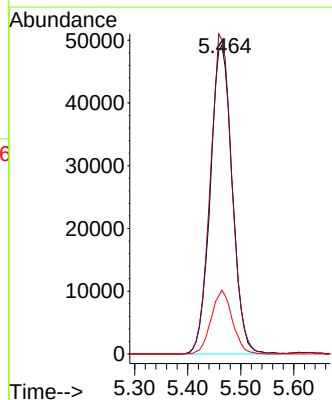
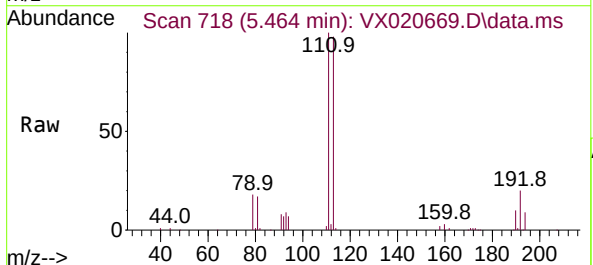
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STORAGE-BLANK-WATER-REF-4

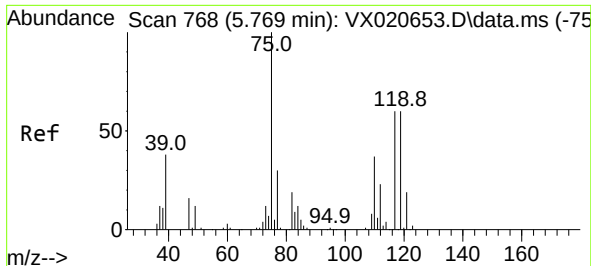
Tgt Ion:114 Resp: 427123
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion:113 Resp: 141292
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.34 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.146 min

Lab File: VX020669.D

Acq: 19 Jan 2021 19:13

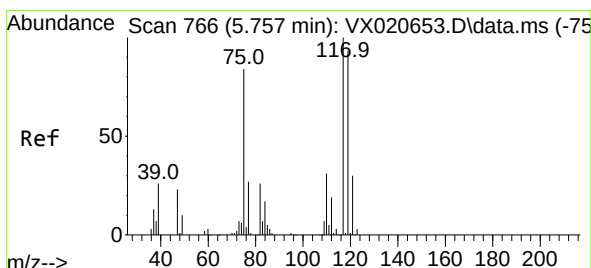
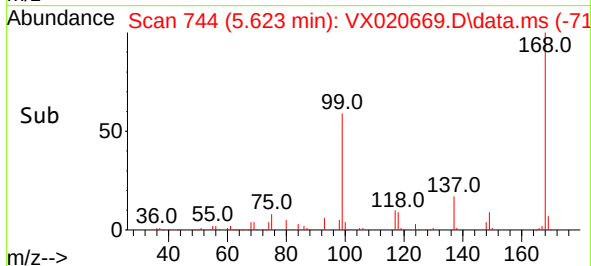
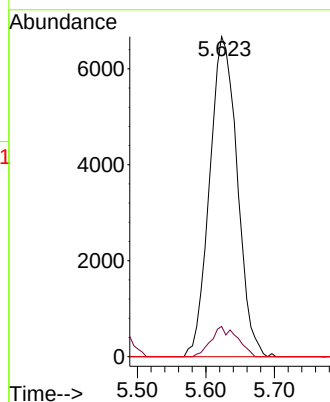
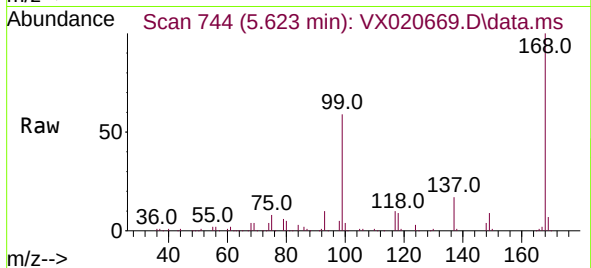
Tgt Ion:	75	Resp:	18669
Ion Ratio	Lower	Upper	
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



#38

Carbon Tetrachloride

Concen: 5.41 ug/l

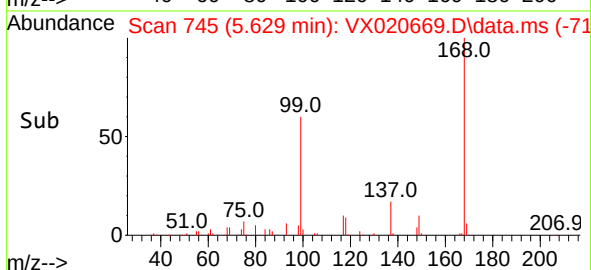
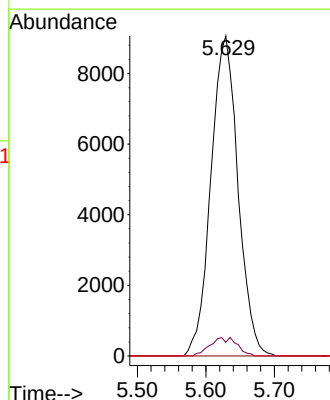
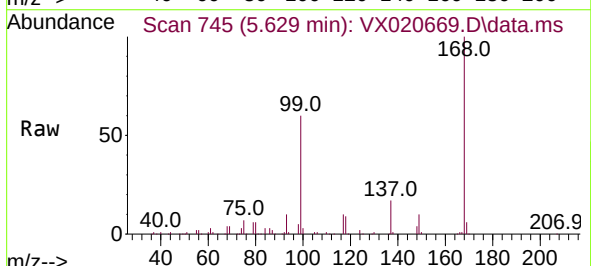
RT: 5.629 min Scan# 745

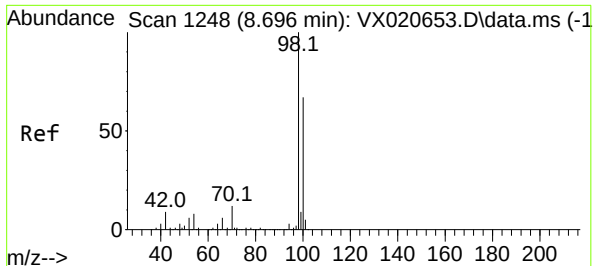
Delta R.T. -0.128 min

Lab File: VX020669.D

Acq: 19 Jan 2021 19:13

Tgt Ion:	117	Resp:	24873
Ion Ratio	Lower	Upper	
117	100		
119	4.2	76.2	114.2#
121	0.0	24.8	37.2#

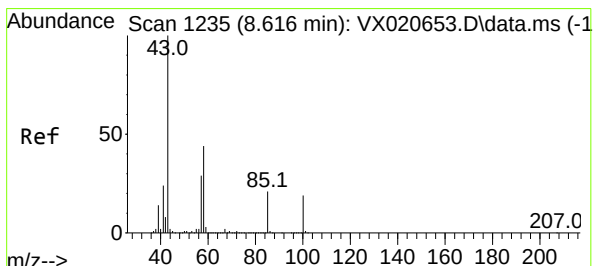
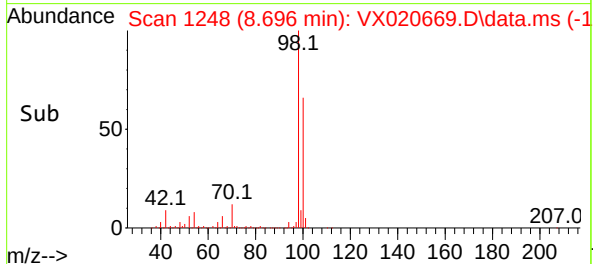
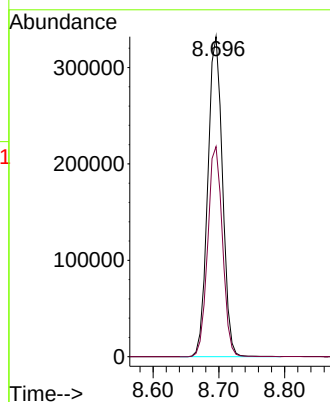
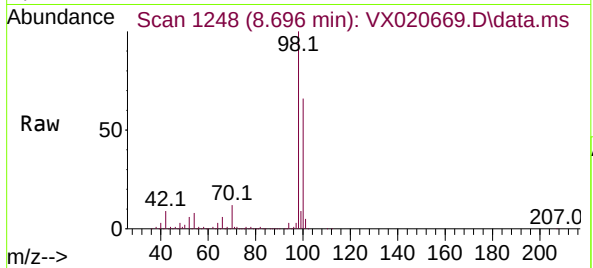




#50
Toluene-d8
Concen: 48.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

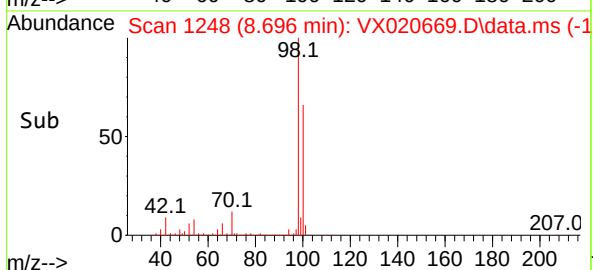
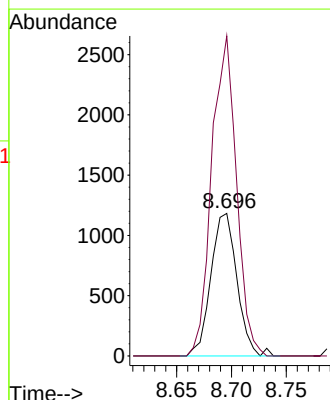
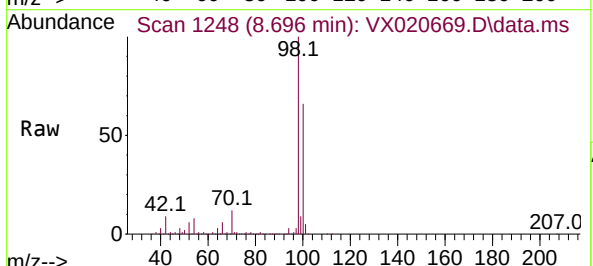
Instrument :
MSVOA_X
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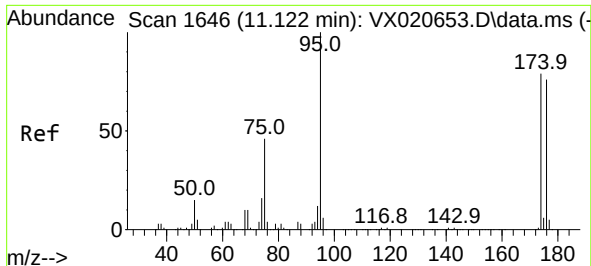
Tgt Ion: 98 Resp: 515921
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
58 212.5 35.4 53.0#

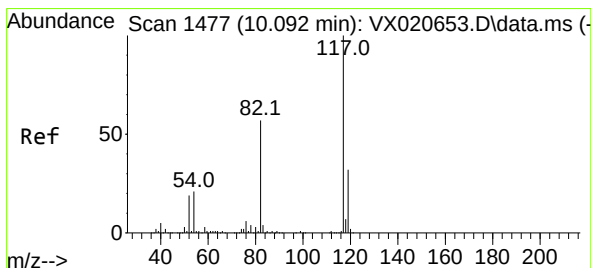
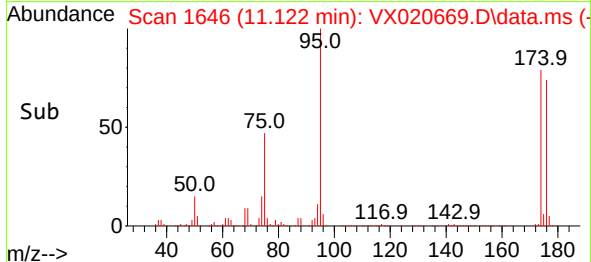
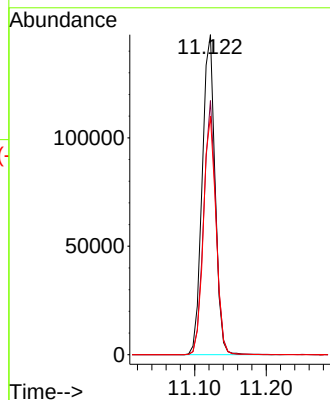
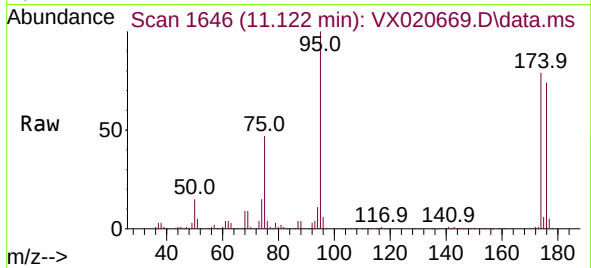




#62
4-Bromofluorobenzene
Concen: 45.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

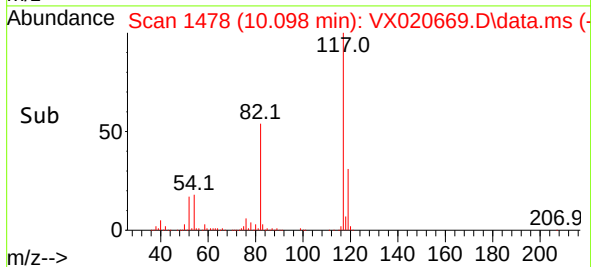
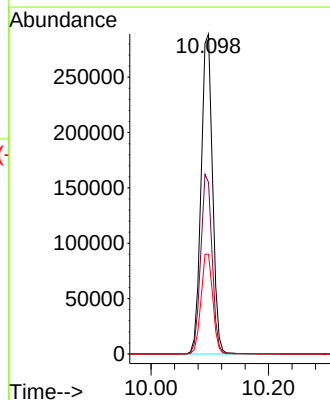
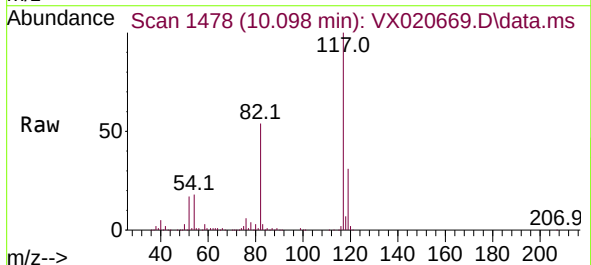
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

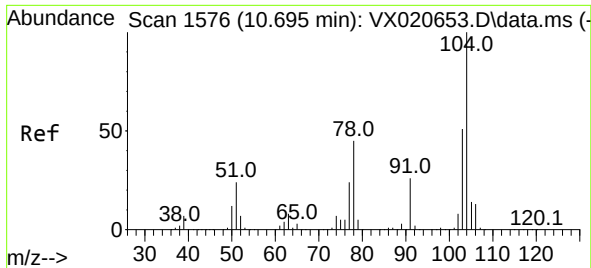
Tgt Ion: 95 Resp: 183780
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 73.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion: 117 Resp: 391186
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 31.2 26.6 39.8

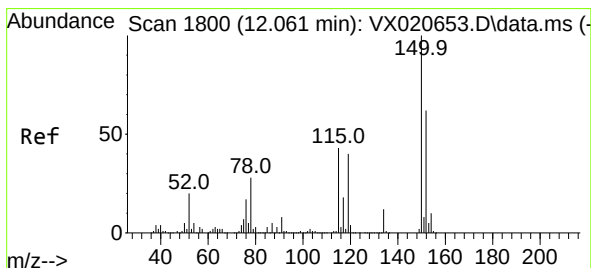
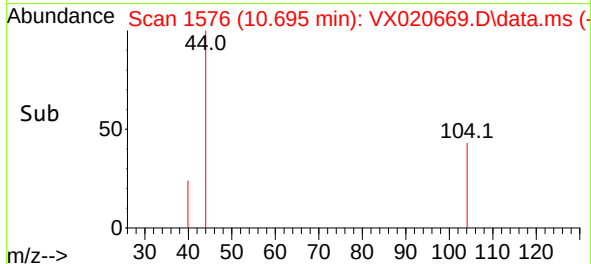
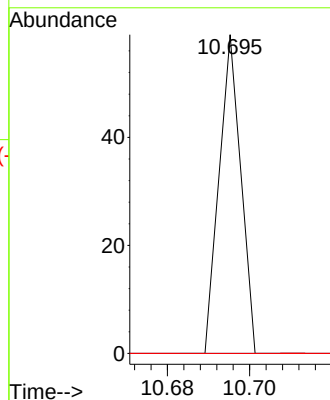
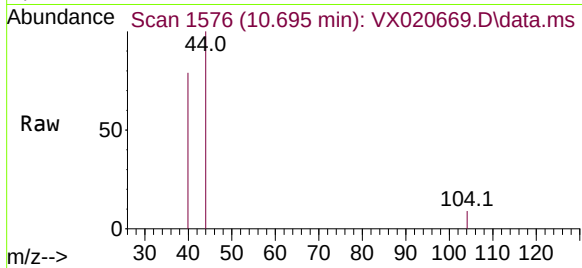




#70
Styrene
Concen: 1.42 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

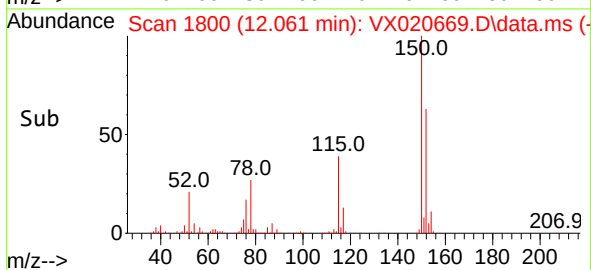
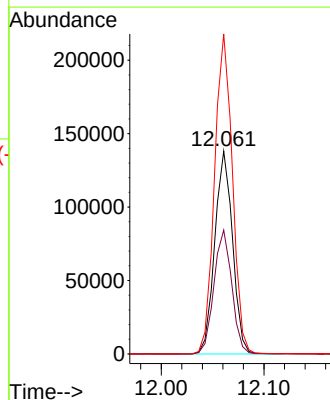
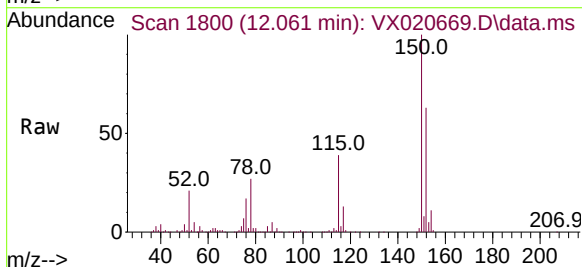
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

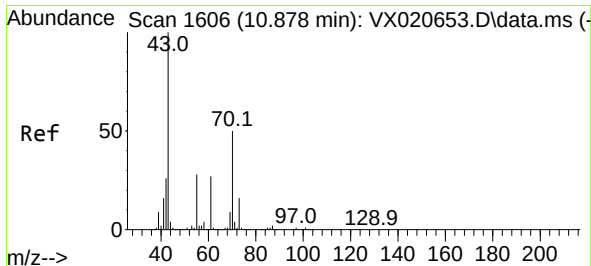
Tgt Ion:104	Resp:	22
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.0
103	0.0	43.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion:152	Resp:	165532
Ion Ratio	Lower	Upper
152	100	
115	61.4	41.1
150	158.7	0.0

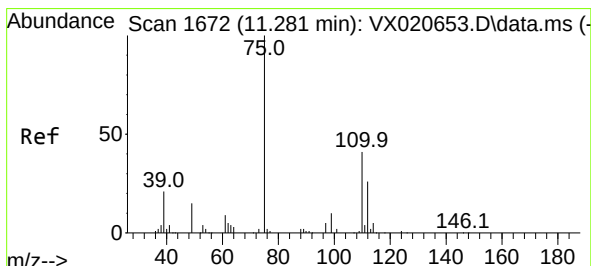
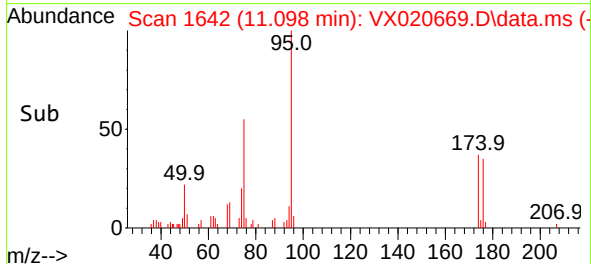
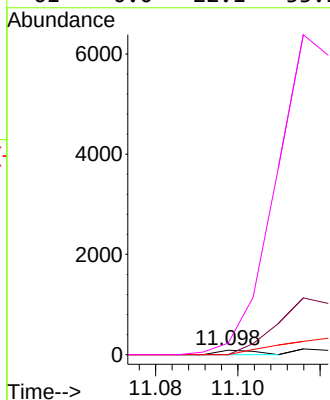
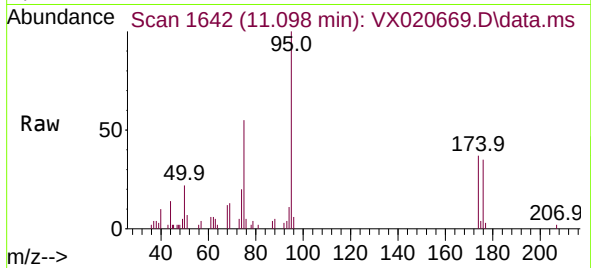




#74
N-amy1 acetate
Concen: 1.95 ug/l
RT: 11.098 min Scan# 1642
Delta R.T. 0.220 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

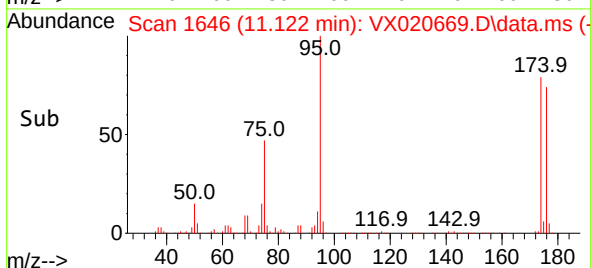
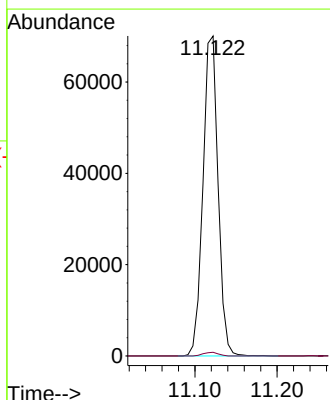
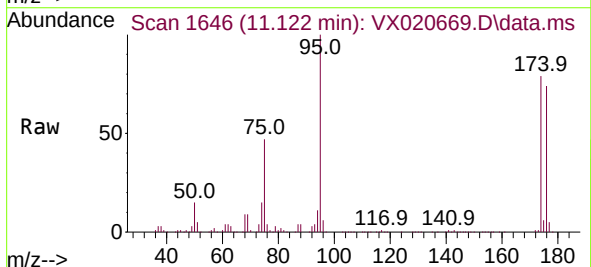
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

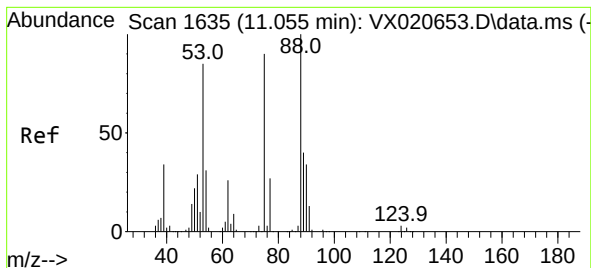
Tgt Ion: 43	Resp: 57
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion: 75	Resp: 89485
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

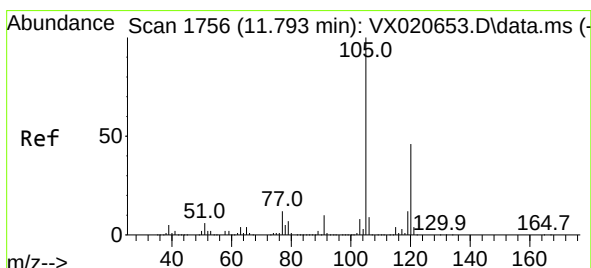
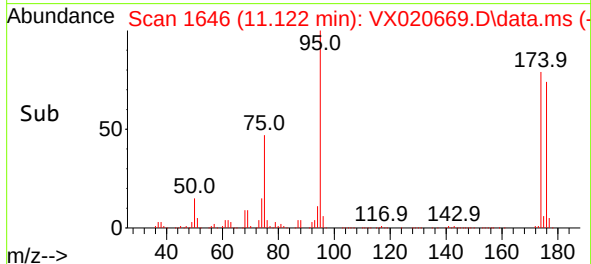
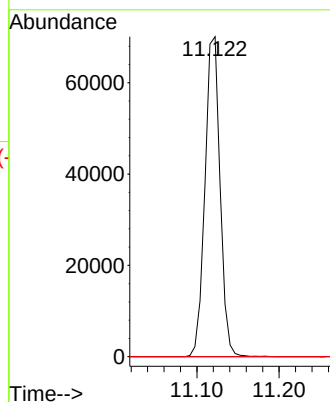
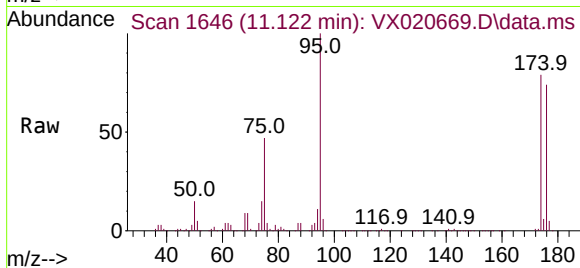




#81
trans-1,4-Dichloro-2-butene
Concen: 65.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

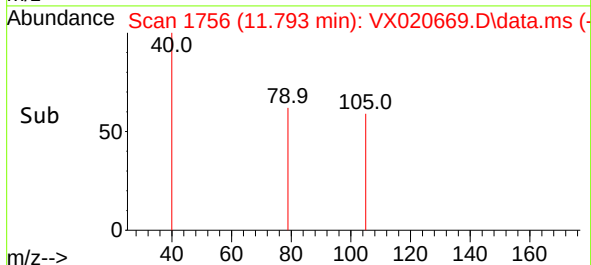
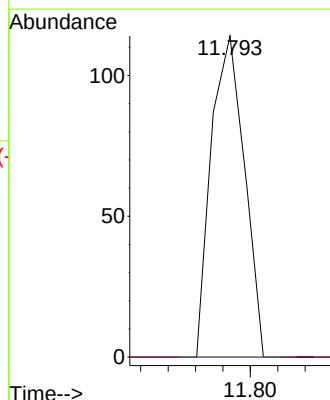
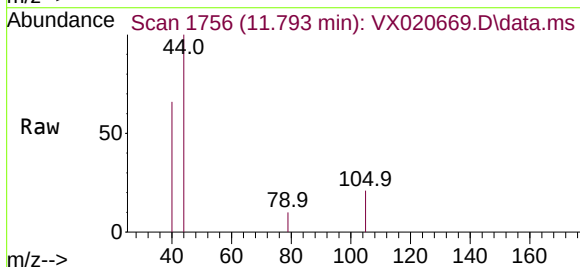
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

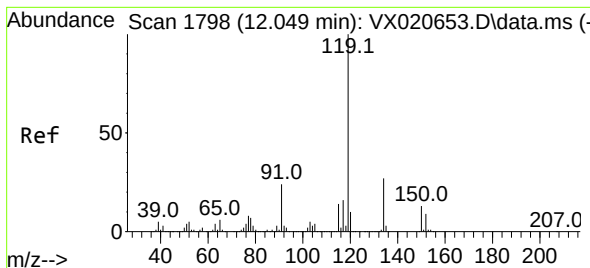
Tgt Ion: 75 Resp: 89485
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

Tgt Ion: 105 Resp: 96
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

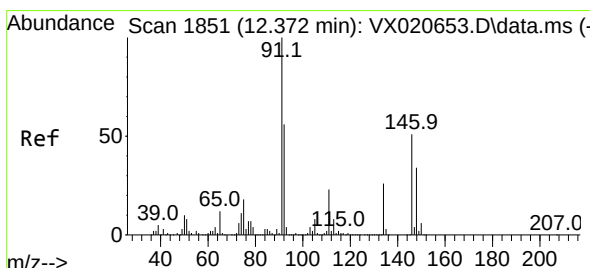
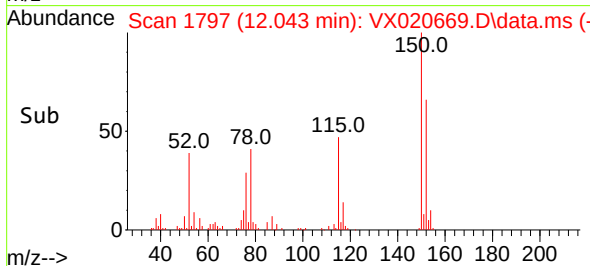
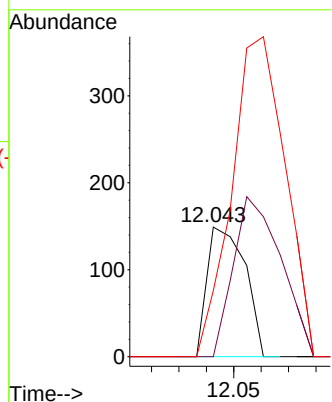
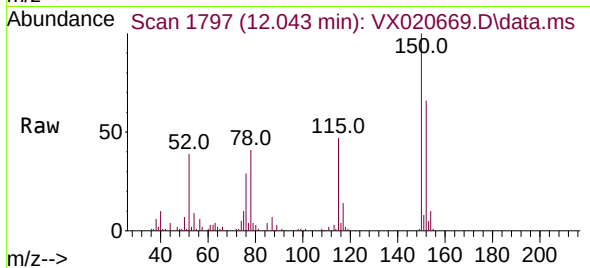




#86
p-Isopropyltoluene
Concen: 0.89 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

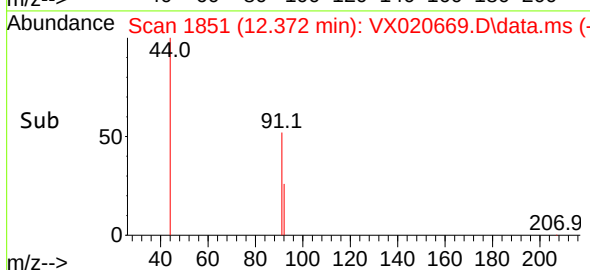
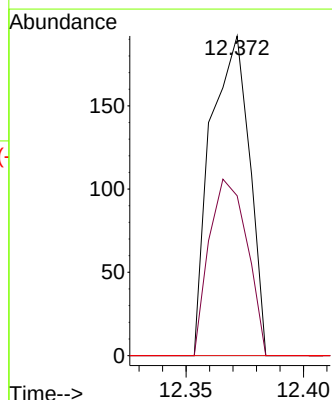
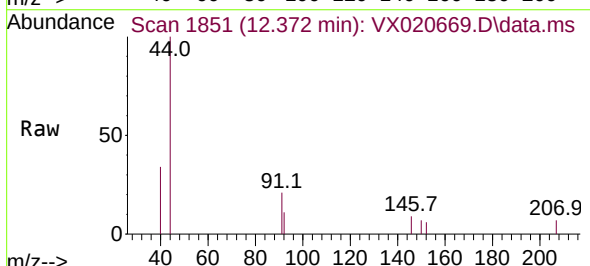
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

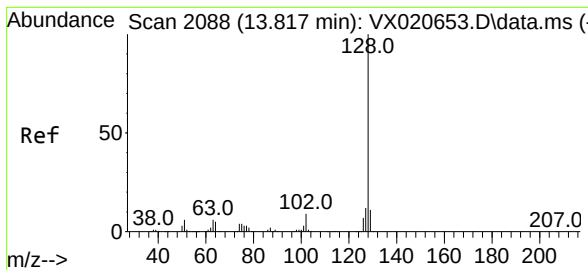
Tgt Ion:119 Resp: 143
Ion Ratio Lower Upper
119 100
134 155.2 12.9 38.7#
91 349.0 11.7 35.0#



#89
n-Butylbenzene
Concen: 1.45 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

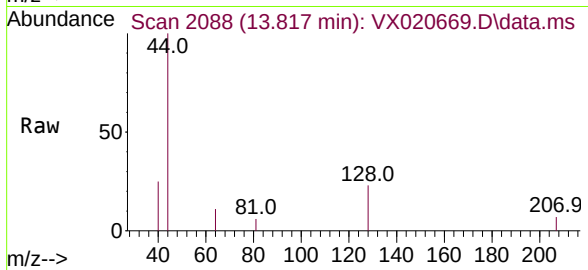
Tgt Ion: 91 Resp: 220
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 0.0 13.2 39.5#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020669.D
Acq: 19 Jan 2021 19:13

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



Tgt Ion:	128	Resp:	232
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

