

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023119.D
 Acq On : 02 Jul 2021 19:52
 Operator : JC/MD
 Sample : M2924-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 05 02:57:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

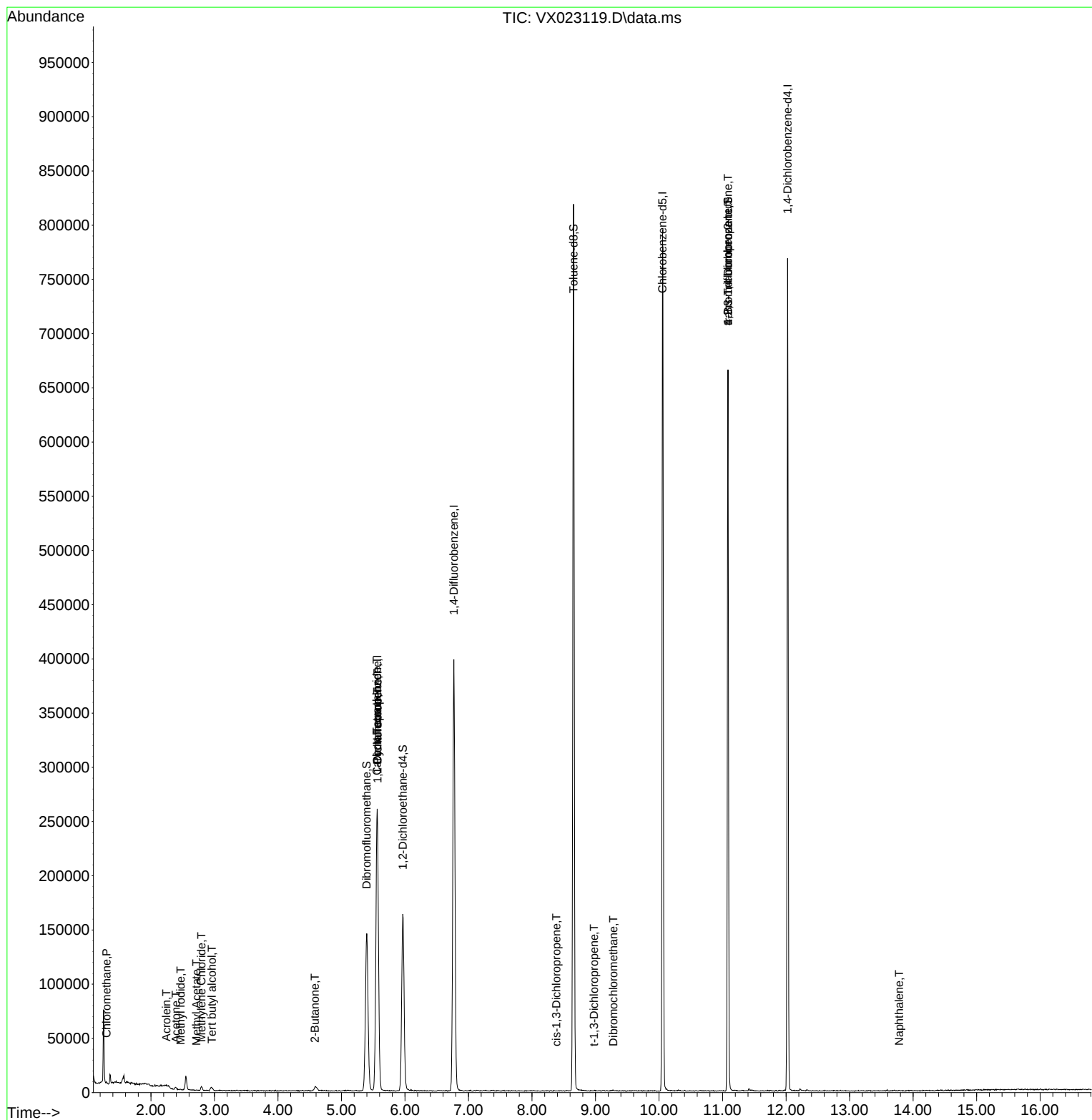
Internal Standards						
1) Pentafluorobenzene	5.562	168	238660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164563	51.304	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	102.600%	
35) Dibromofluoromethane	5.397	113	124204	49.170	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.340%	
50) Toluene-d8	8.653	98	463658	49.207	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.420%	
62) 4-Bromofluorobenzene	11.085	95	166357	45.732	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.460%	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	558	0.261	ug/l	92
5) Bromomethane	1.612	94	1108	Below Cal	#	77
10) Methyl Iodide	2.465	142	788	0.278	ug/l	# 82
11) Tert butyl alcohol	2.959	59	2080	3.082	ug/l	# 94
13) Acrolein	2.239	56	299	0.665	ug/l	90
16) Acetone	2.392	43	2998	2.362	ug/l	92
18) Methyl Acetate	2.715	43	965	0.313	ug/l	# 47
20) Methylene Chloride	2.794	84	1687	0.617	ug/l	# 88
25) 2-Butanone	4.580	43	507	0.265	ug/l	# 45
31) Cyclohexane	5.562	56	5485	1.428	ug/l	# 32
36) 1,1-Dichloropropene	5.568	75	19249	5.520	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	24723	6.792	ug/l	# 18
53) t-1,3-Dichloropropene	8.976	75	56	2.749	ug/l	# 44
54) cis-1,3-Dichloropropene	8.385	75	65	2.187	ug/l	# 34
60) Dibromochloromethane	9.281	129	130	3.152	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	88765	29.793	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	88765	80.028	ug/l	# 12
95) Naphthalene	13.780	128	394	1.310	ug/l	# 77

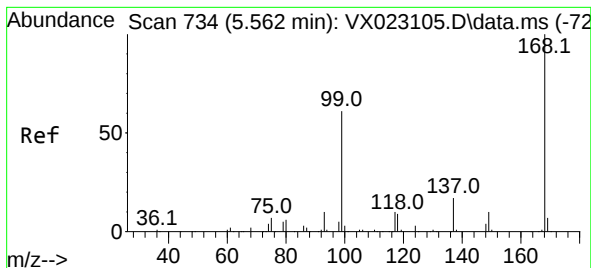
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX023119.D

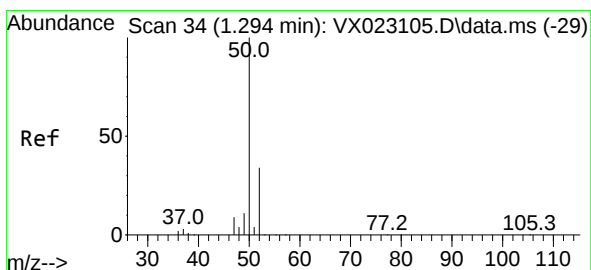
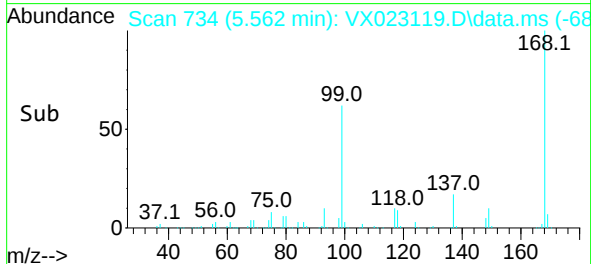
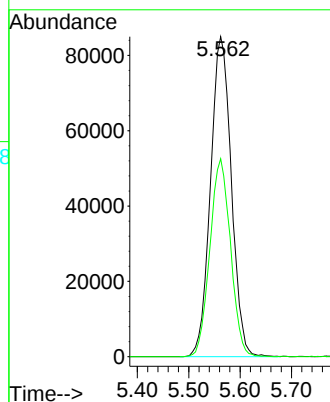
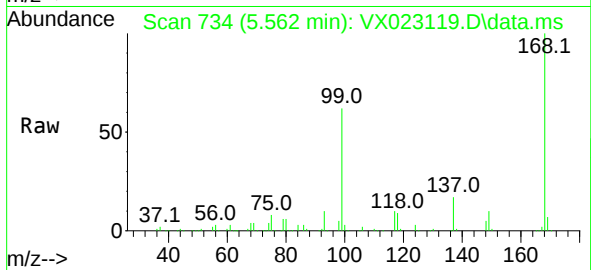
Acq: 02 Jul 2021 19:52

Tgt Ion:168 Resp: 238660

Ion Ratio Lower Upper

168 100

99 61.9 45.8 68.6



#3

Chloromethane

Concen: 0.261 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX023119.D

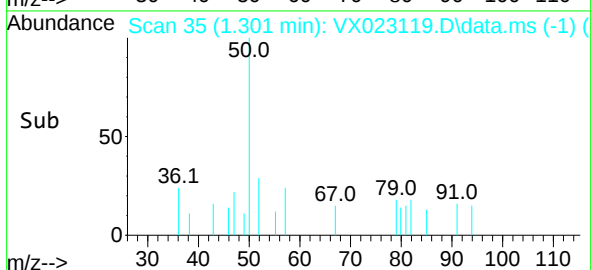
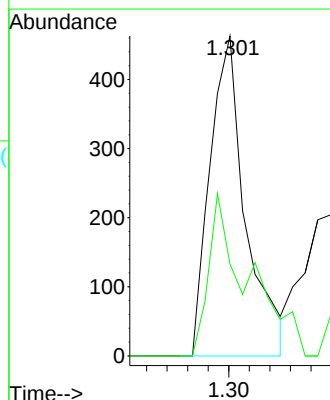
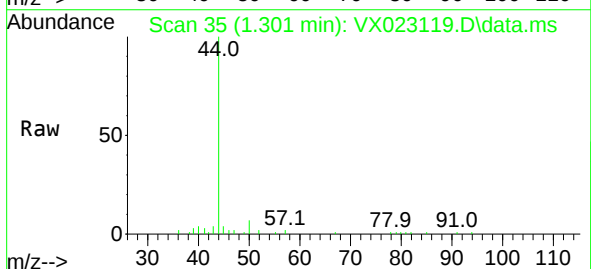
Acq: 02 Jul 2021 19:52

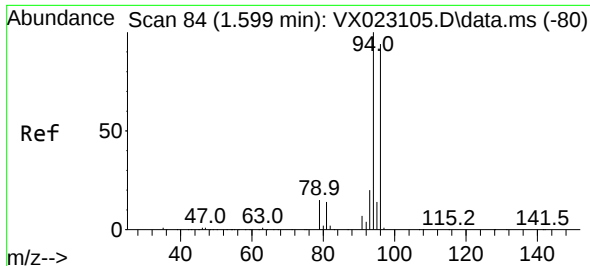
Tgt Ion: 50 Resp: 558

Ion Ratio Lower Upper

50 100

52 28.7 26.4 39.6

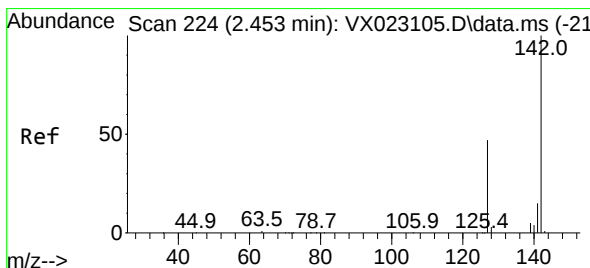
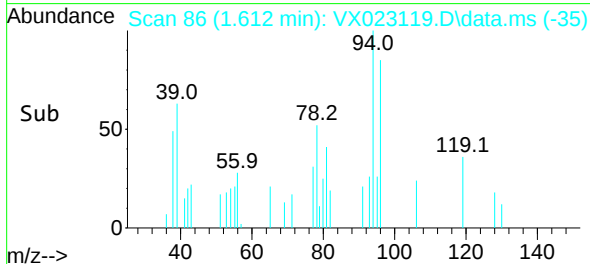
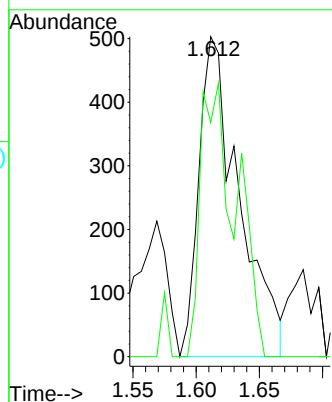
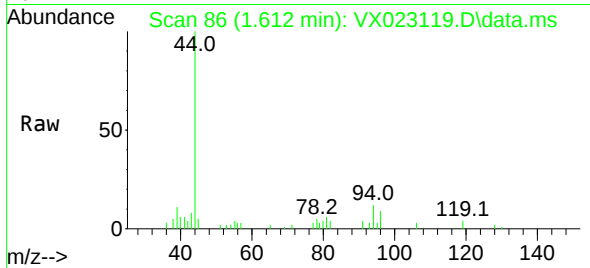




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

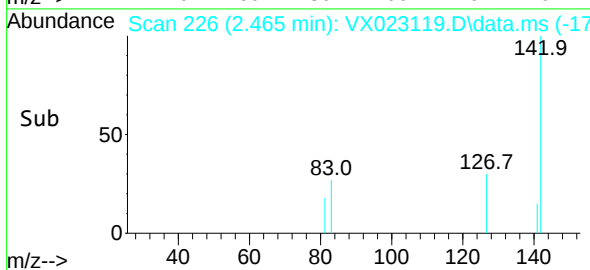
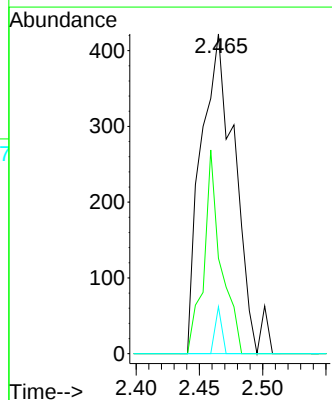
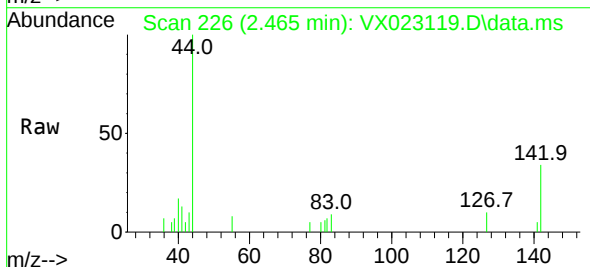
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

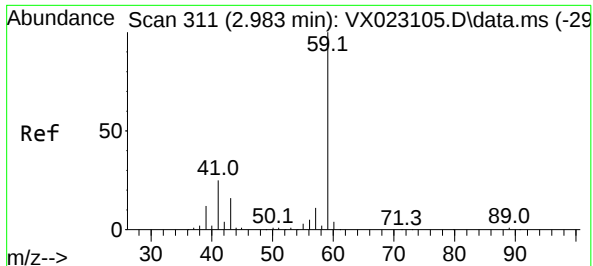
Tgt Ion: 94 Resp: 1108
Ion Ratio Lower Upper
94 100
96 73.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.278 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion: 142 Resp: 788
Ion Ratio Lower Upper
142 100
127 32.0 33.3 49.9#
141 2.9 11.4 17.0#



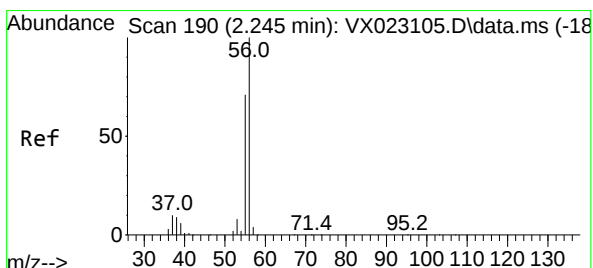
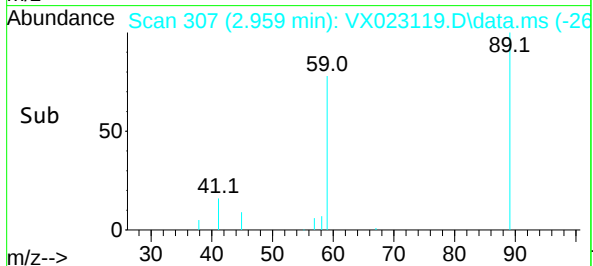
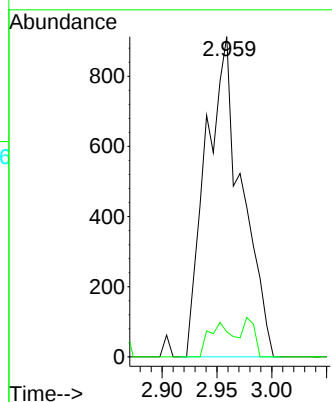
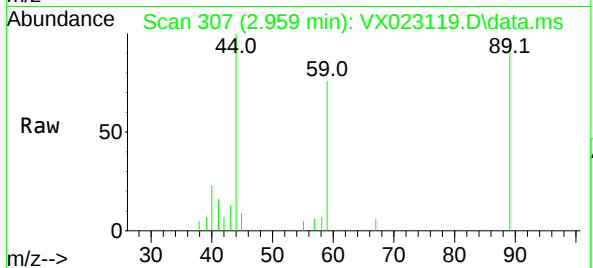


#11

Tert butyl alcohol
Concen: 3.082 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

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

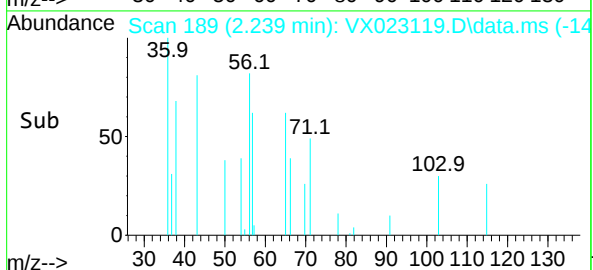
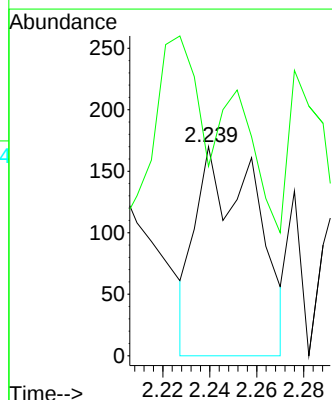
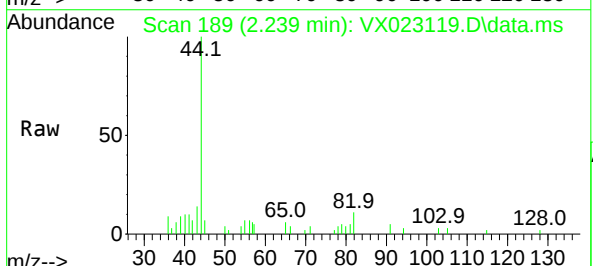
Tgt Ion: 59 Resp: 2080
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8#

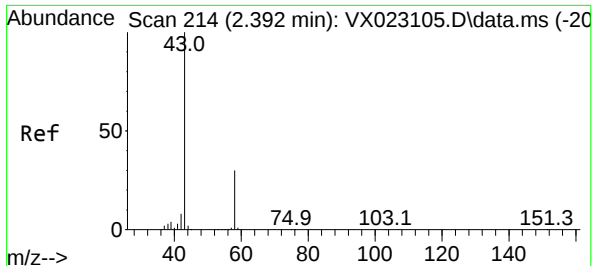


#13

Acrolein
Concen: 0.665 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion: 56 Resp: 299
Ion Ratio Lower Upper
56 100
55 61.9 56.4 84.6

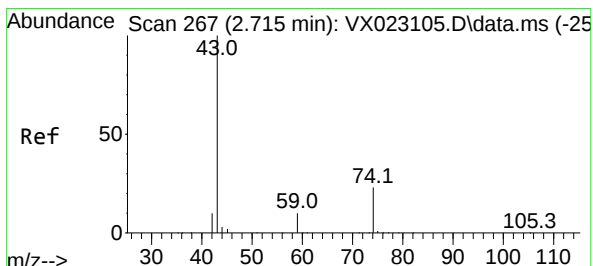
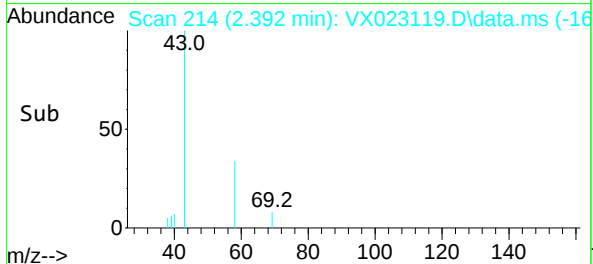
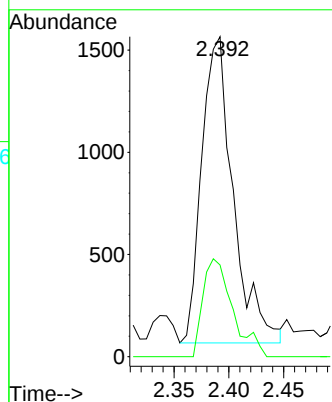
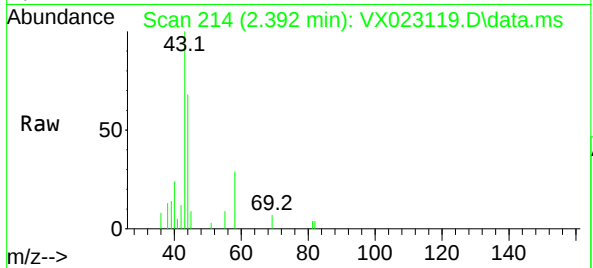




#16
Acetone
Concen: 2.362 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

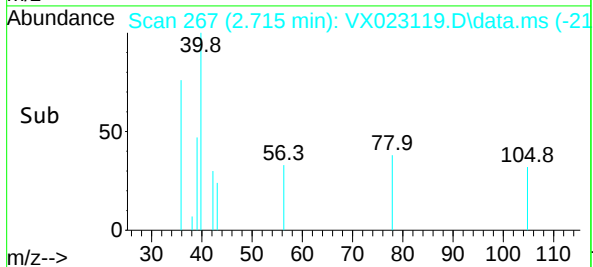
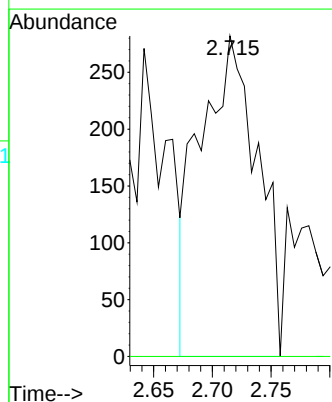
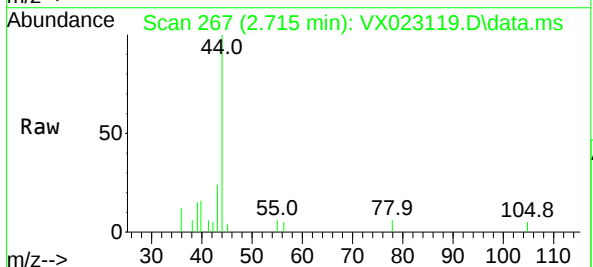
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

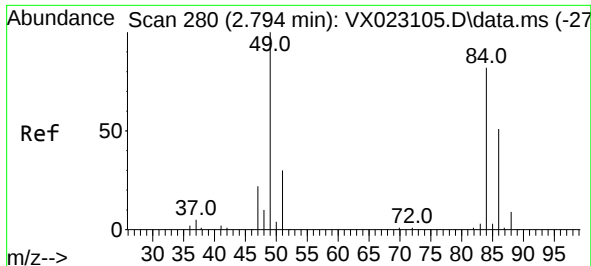
Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.313 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

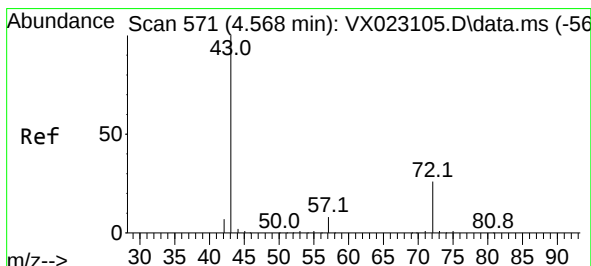
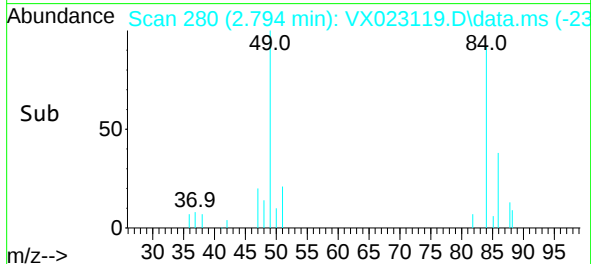
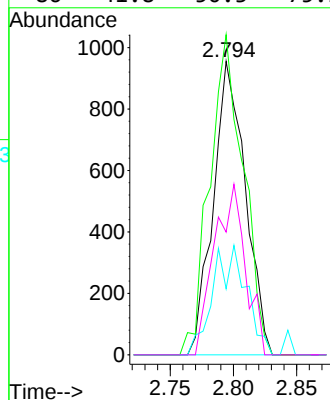
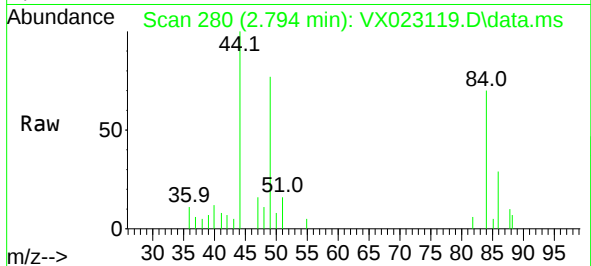




#20
Methylene Chloride
Concen: 0.617 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

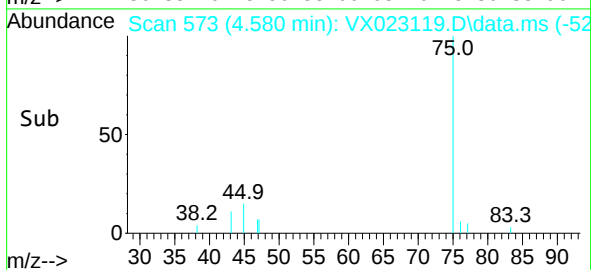
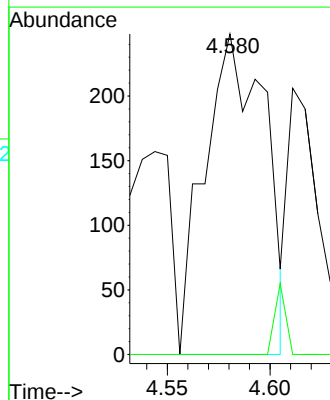
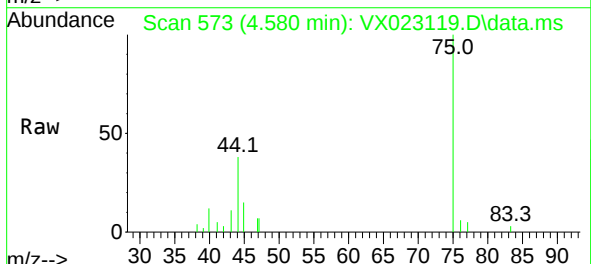
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

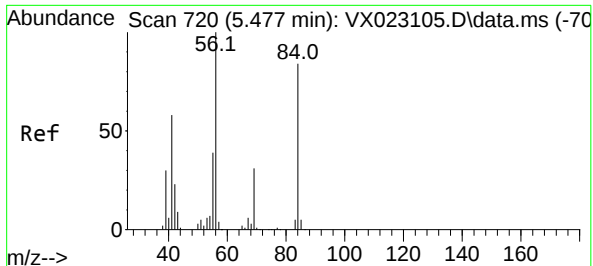
Tgt Ion:	84	Resp:	1687
Ion	Ratio	Lower	Upper
84	100		
49	109.1	88.6	132.8
51	22.5	27.0	40.6#
86	41.8	50.3	75.5#



#25
2-Butanone
Concen: 0.265 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion:	43	Resp:	507
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

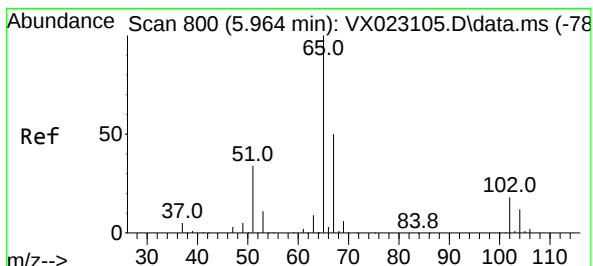
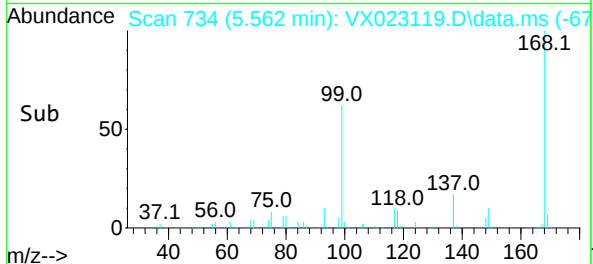
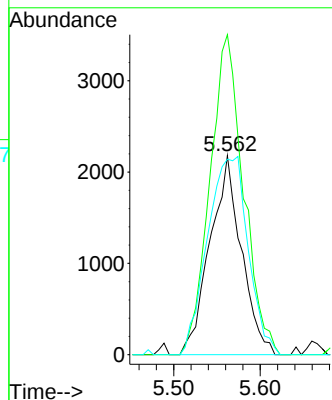
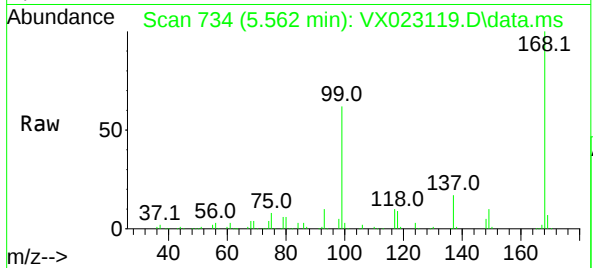




#31
Cyclohexane
Concen: 1.428 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

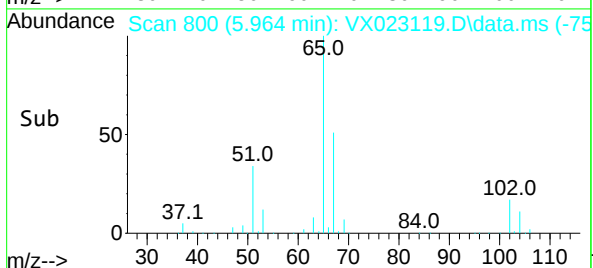
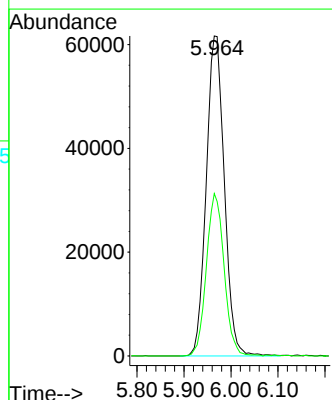
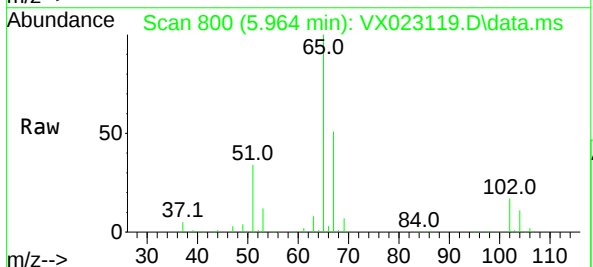
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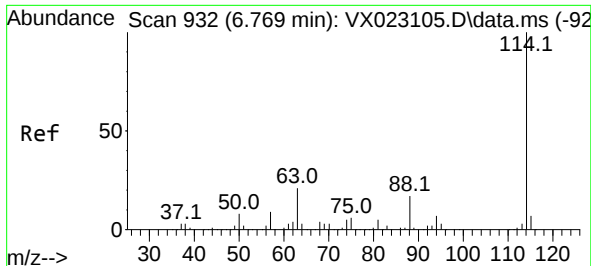
Tgt Ion: 56 Resp: 5485
Ion Ratio Lower Upper
56 100
69 160.7 25.3 37.9#
84 98.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.304 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion: 65 Resp: 164563
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

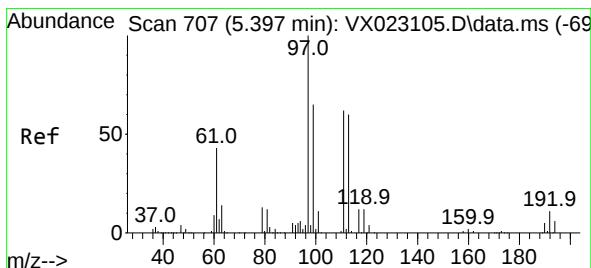
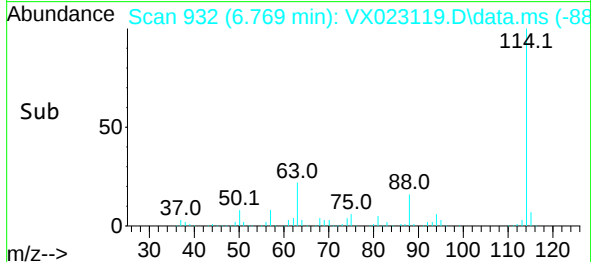
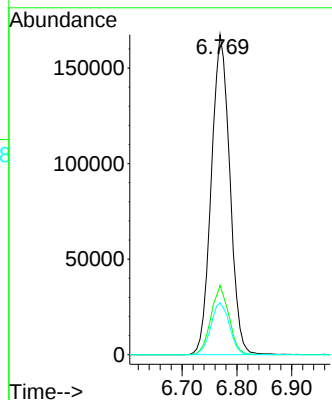
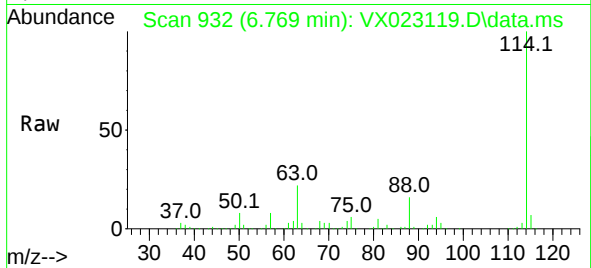




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

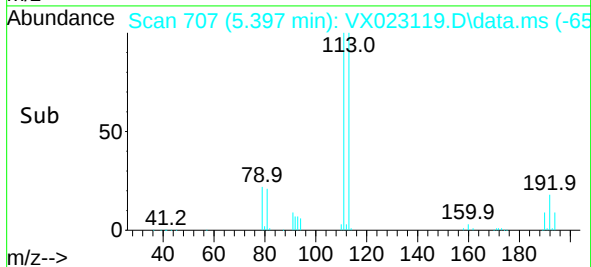
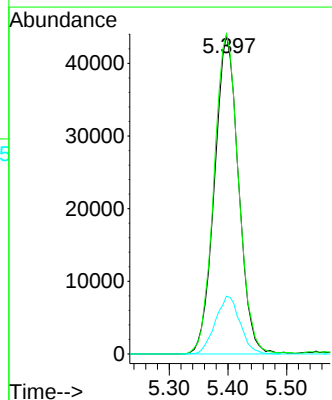
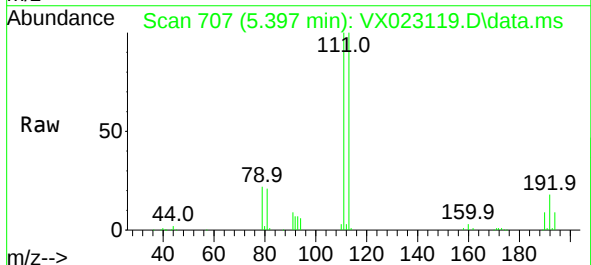
Instrument :
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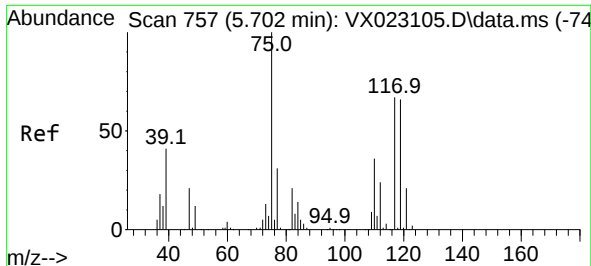
Tgt Ion:114 Resp: 391170
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.170 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion:113 Resp: 124204
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.520 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX023119.D

Acq: 02 Jul 2021 19:52

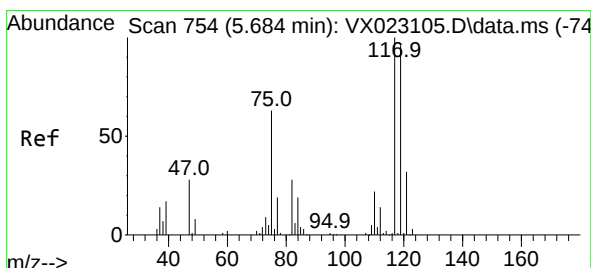
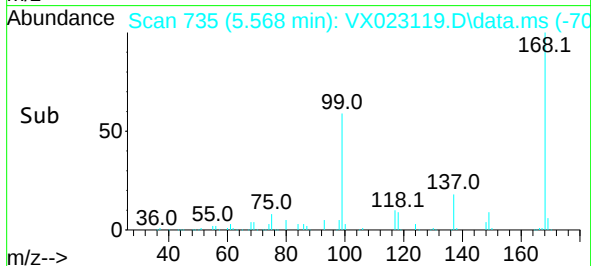
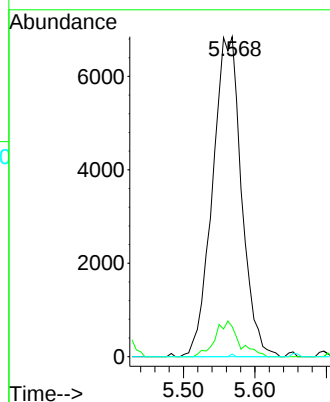
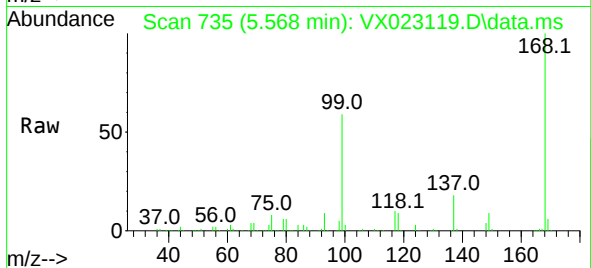
Tgt Ion: 75 Resp: 19249

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.792 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX023119.D

Acq: 02 Jul 2021 19:52

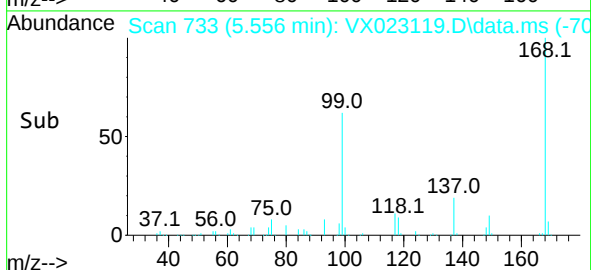
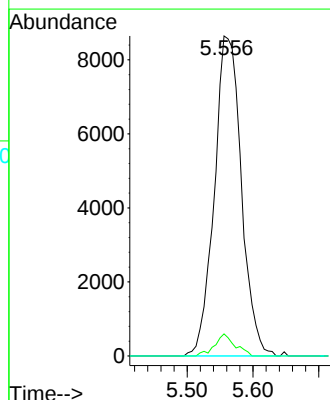
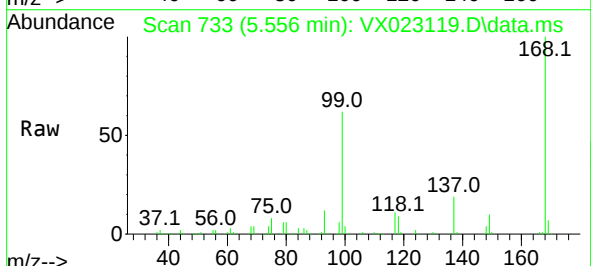
Tgt Ion: 117 Resp: 24723

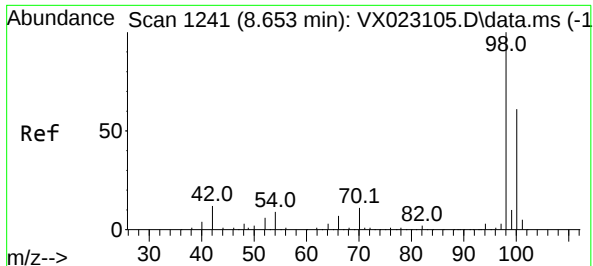
Ion Ratio Lower Upper

117 100

119 6.9 76.2 114.2#

121 0.0 24.8 37.2#

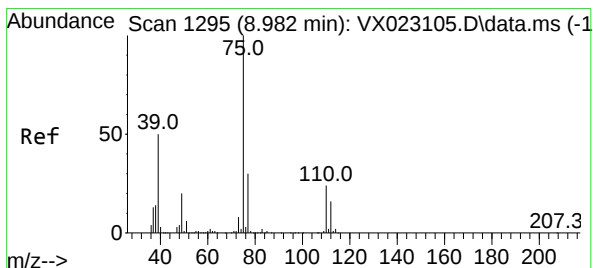
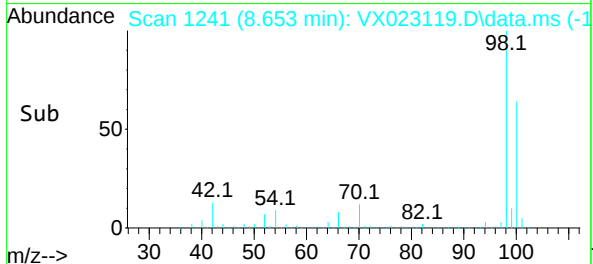
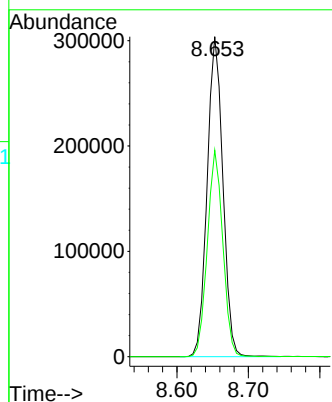
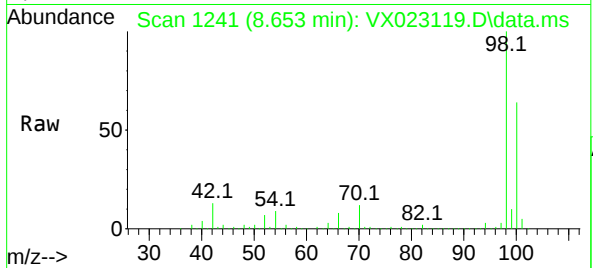




#50
Toluene-d8
Concen: 49.207 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

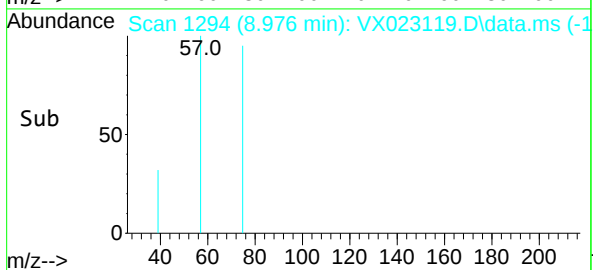
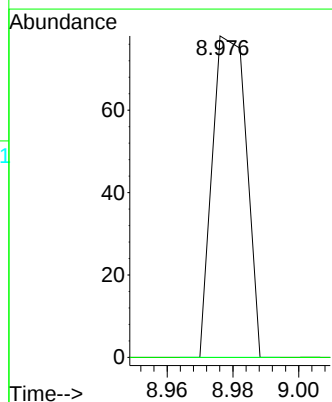
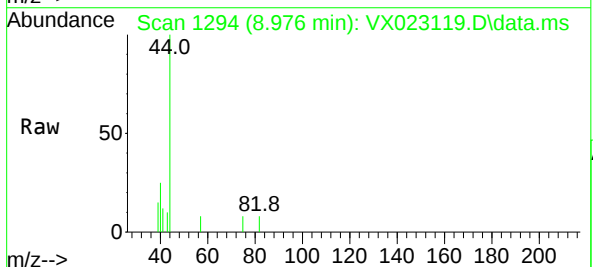
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

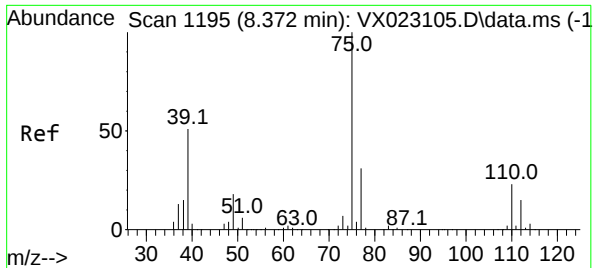
Tgt Ion: 98 Resp: 463658
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.749 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

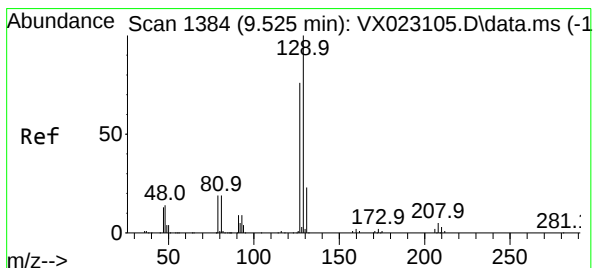
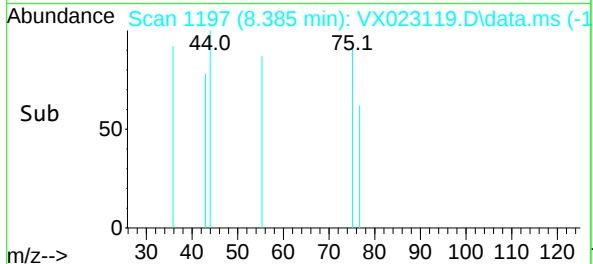
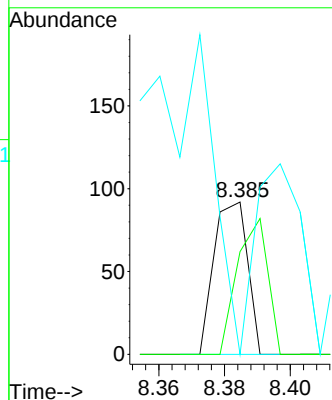
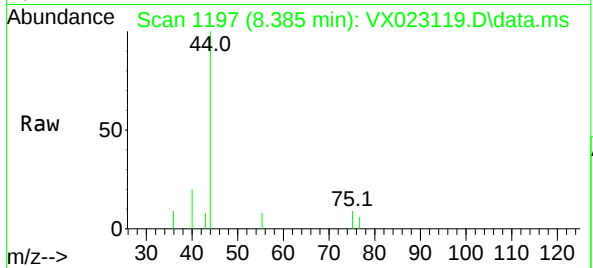




#54
 cis-1,3-Dichloropropene
 Concen: 2.187 ug/l
 RT: 8.385 min Scan# 1197
 Delta R.T. 0.013 min
 Lab File: VX023119.D
 Acq: 02 Jul 2021 19:52

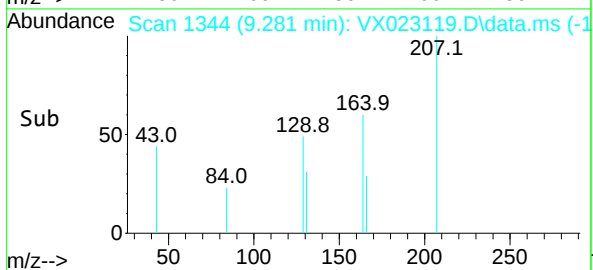
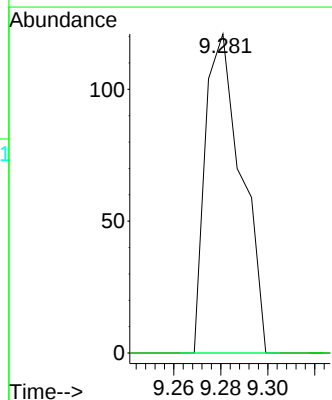
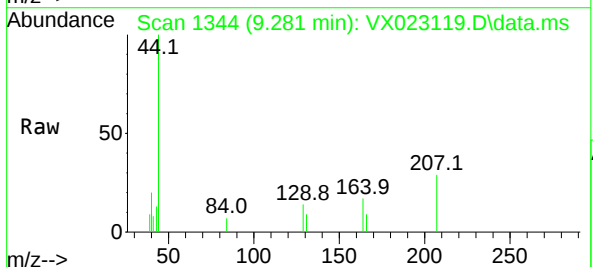
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

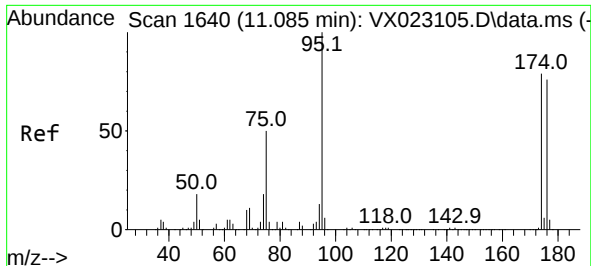
Tgt Ion:	75	Resp:	65
Ion	Ratio	Lower	Upper
75	100		
77	67.4	25.7	38.5#
39	0.0	35.1	52.7#



#60
 Dibromochloromethane
 Concen: 3.152 ug/l
 RT: 9.281 min Scan# 1344
 Delta R.T. -0.244 min
 Lab File: VX023119.D
 Acq: 02 Jul 2021 19:52

Tgt Ion:	129	Resp:	130
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

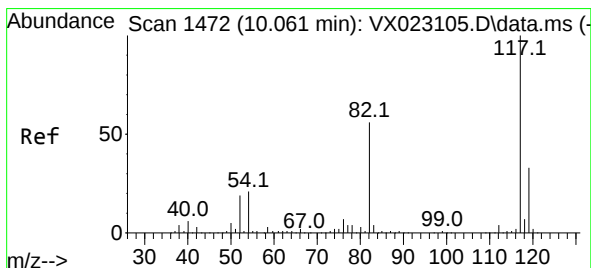
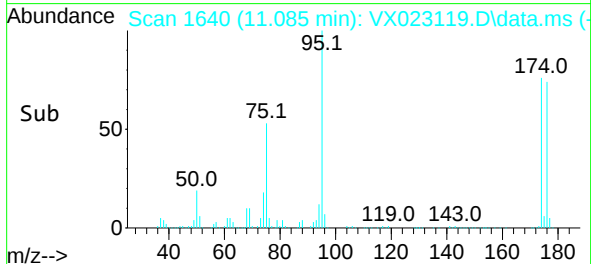
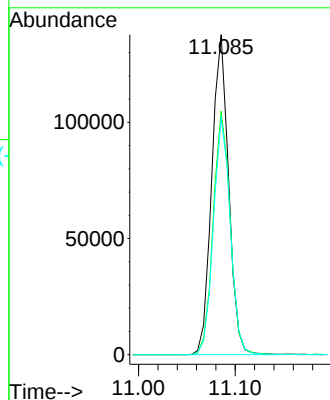
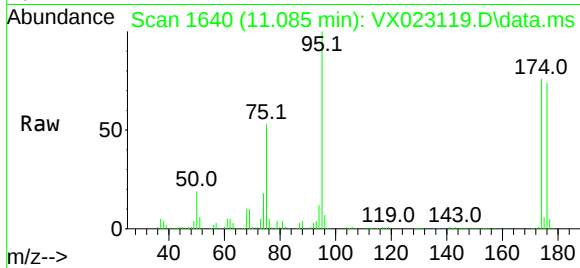




#62
4-Bromofluorobenzene
Concen: 45.732 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

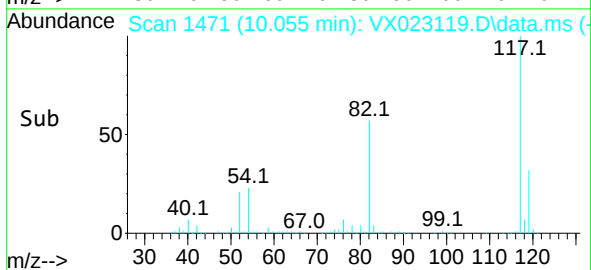
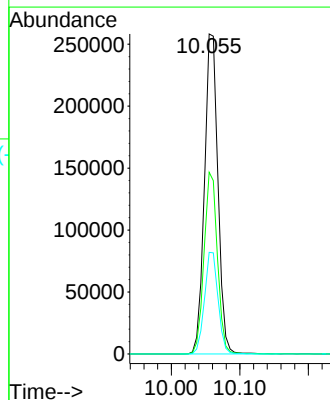
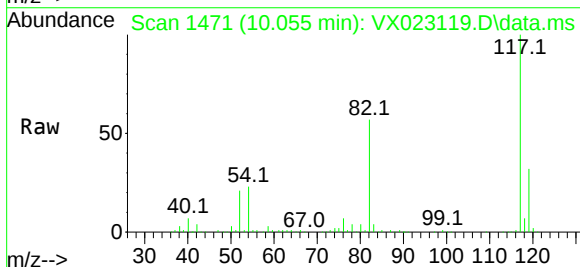
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

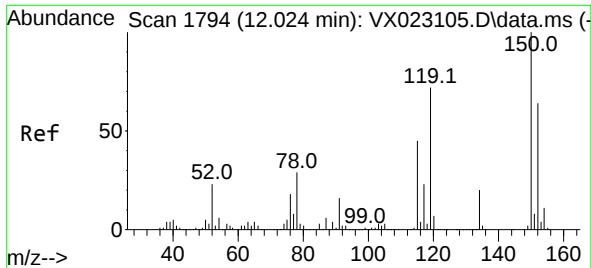
Tgt Ion: 95 Resp: 166357
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion: 117 Resp: 354388
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.7 26.6 39.8

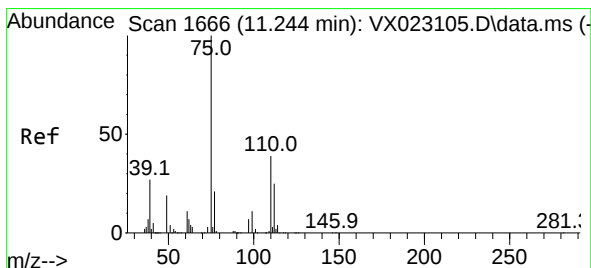
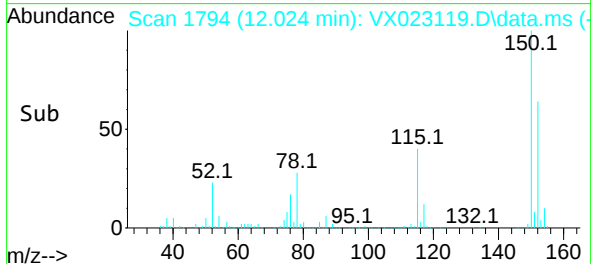
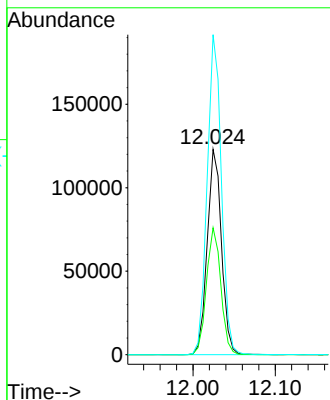
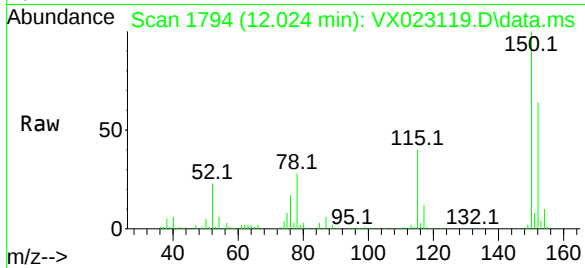




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023119.D
 Acq: 02 Jul 2021 19:52

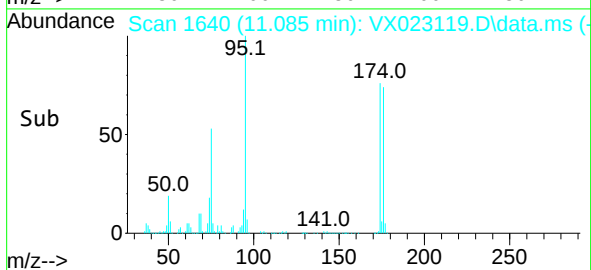
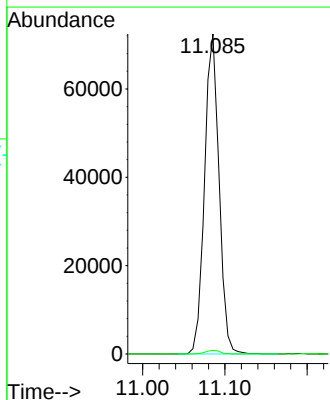
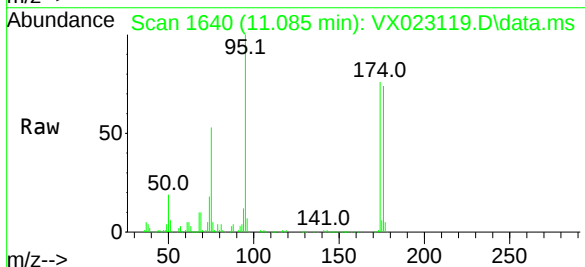
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

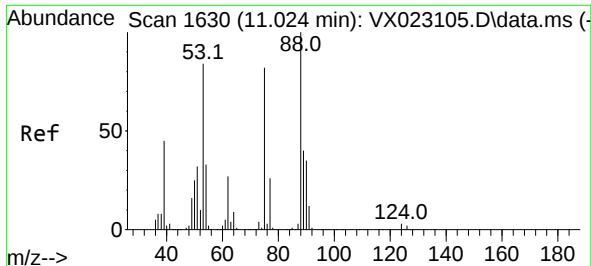
Tgt Ion:152 Resp: 148055
 Ion Ratio Lower Upper
 152 100
 115 62.3 41.1 123.3
 150 155.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.793 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023119.D
 Acq: 02 Jul 2021 19:52

Tgt Ion: 75 Resp: 88765
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

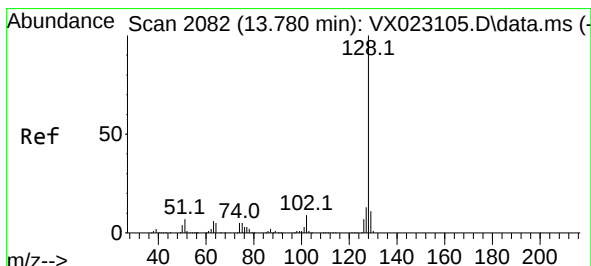
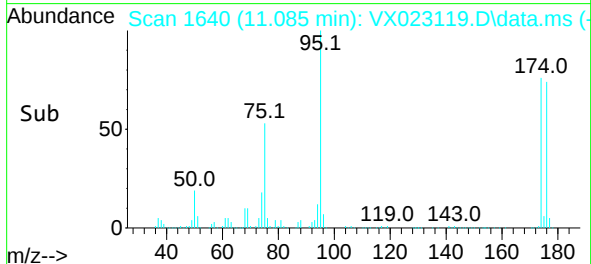
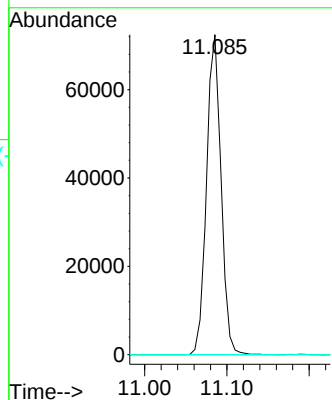
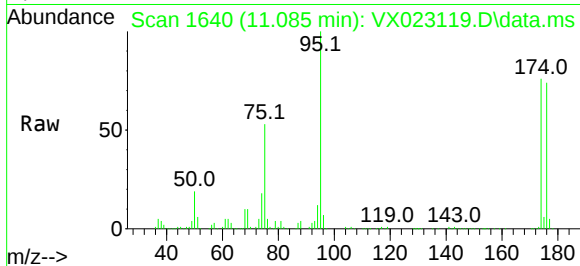




#81
trans-1,4-Dichloro-2-butene
Concen: 80.028 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

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

Tgt Ion: 75 Resp: 88765
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.310 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023119.D
Acq: 02 Jul 2021 19:52

Tgt Ion:128 Resp: 394
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.6 8.8 13.2#

