

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022977.D
 Acq On : 28 Jun 2021 14:15
 Operator : JC/MD
 Sample : M2839-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20210623

Quant Time: Jun 29 03:05:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

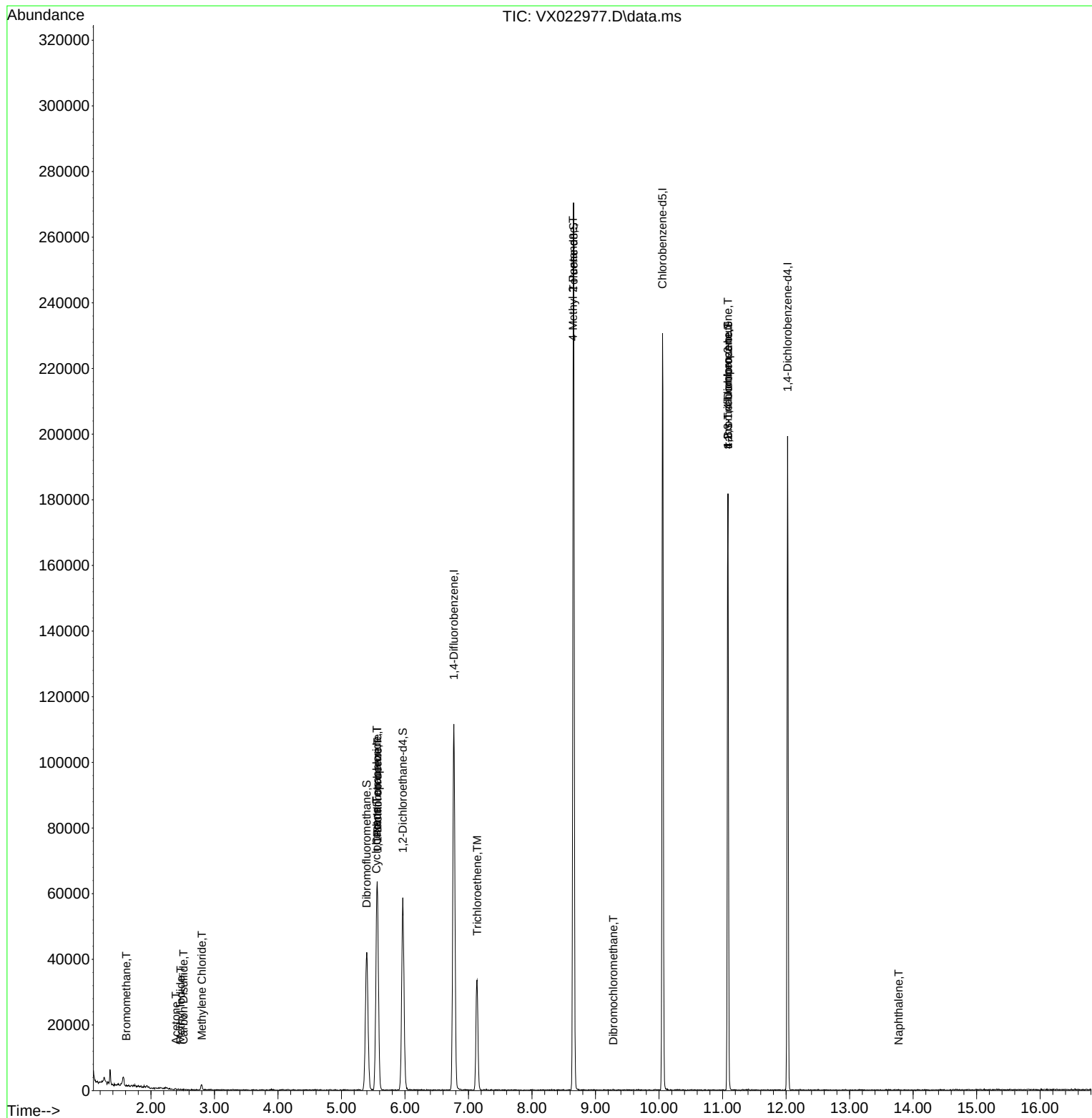
Internal Standards						
1) Pentafluorobenzene	5.562	168	51890	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53202	56.496	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.000%
35) Dibromofluoromethane	5.397	113	35929	52.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.540%
50) Toluene-d8	8.653	98	144491	54.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.300%
62) 4-Bromofluorobenzene	11.085	95	49357	49.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	82	0.201	ug/l	# 2
10) Methyl Iodide	2.465	142	55	3.942	ug/l	# 42
16) Acetone	2.392	43	256	0.613	ug/l	99
17) Carbon Disulfide	2.514	76	23	3.527	ug/l	# 75
20) Methylene Chloride	2.800	84	605	1.098	ug/l	# 89
31) Cyclohexane	5.550	56	1759	1.323	ug/l	# 6
36) 1,1-Dichloropropene	5.568	75	5289	4.644	ug/l	# 43
38) Carbon Tetrachloride	5.556	117	6150	6.438	ug/l	# 18
44) Trichloroethene	7.135	130	12009	15.420	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	936	0.709	ug/l	# 1
60) Dibromochloromethane	9.281	129	22	3.676	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	26795	29.030	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26795	74.712	ug/l	# 12
95) Naphthalene	13.774	128	113	1.961	ug/l	# 69

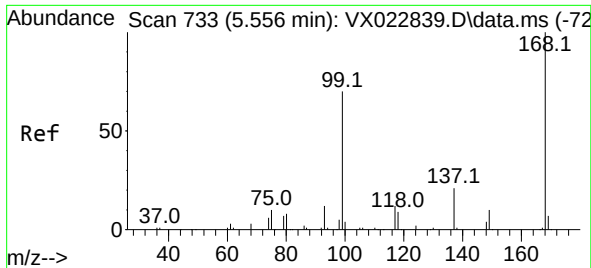
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW4-20210623

Quant Time: Jun 29 03:05:54 2021
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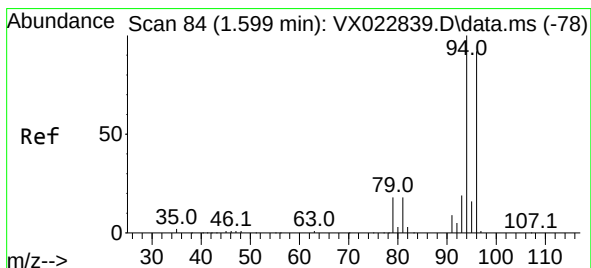
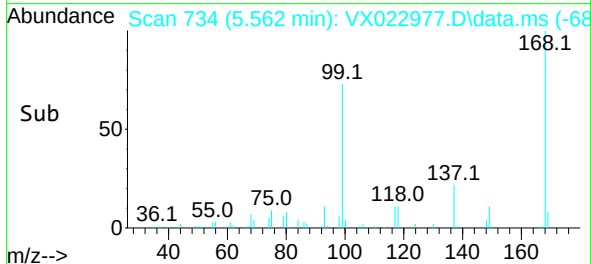
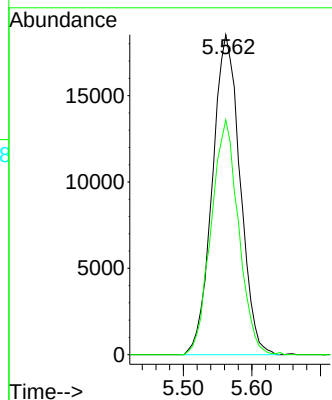
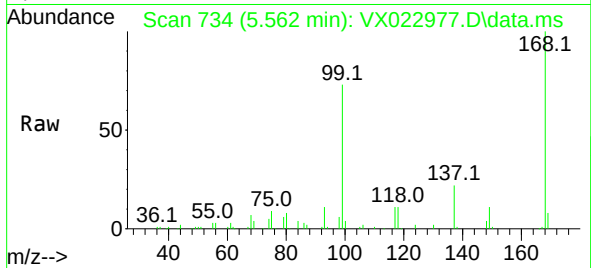




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

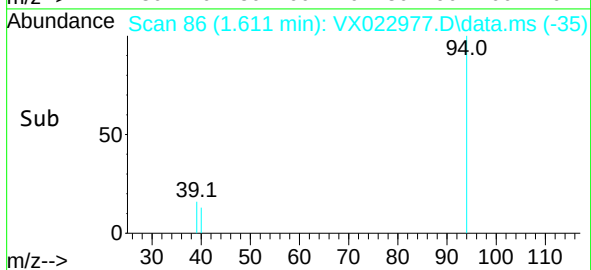
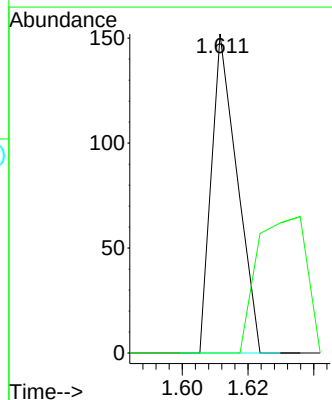
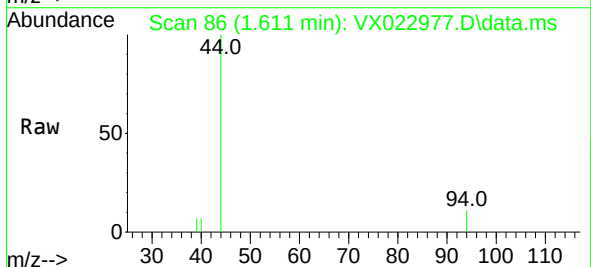
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

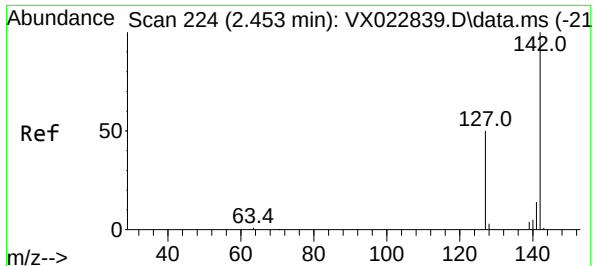
Tgt Ion:168 Resp: 51890
Ion Ratio Lower Upper
168 100
99 73.4 45.8 68.6#



#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

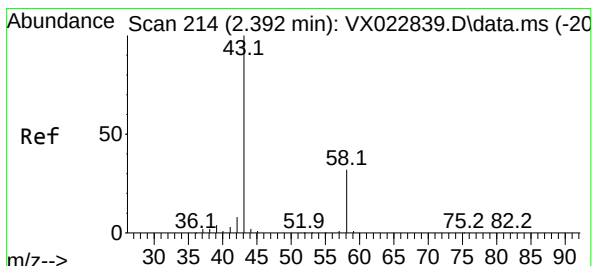
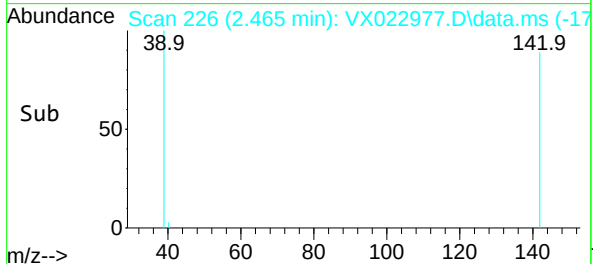
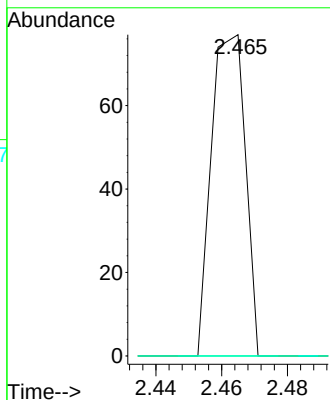
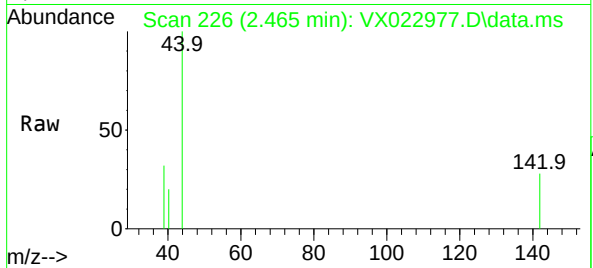




#10
Methyl Iodide
Concen: 3.942 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

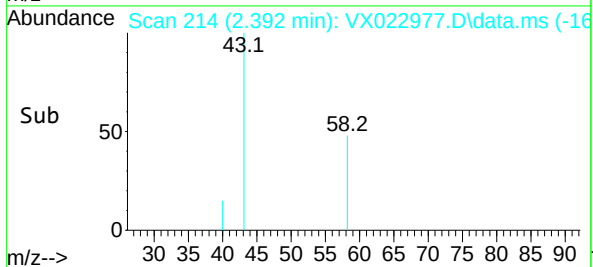
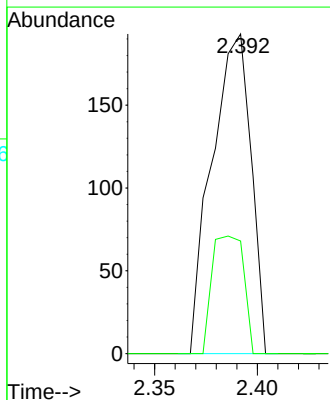
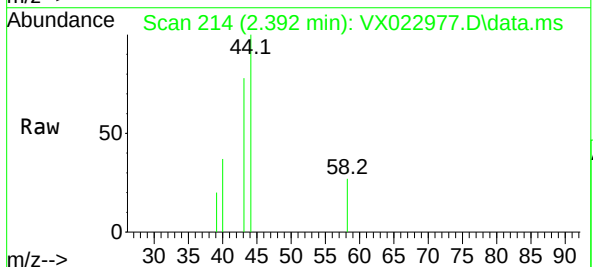
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

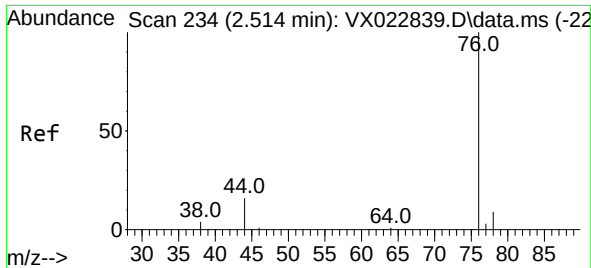
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 0.613 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8

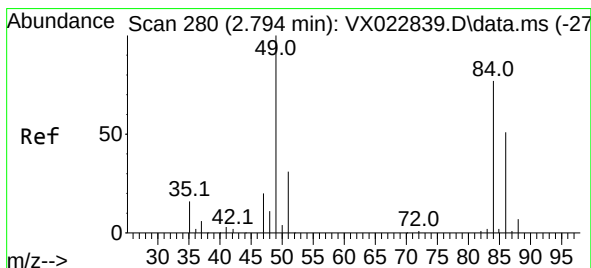
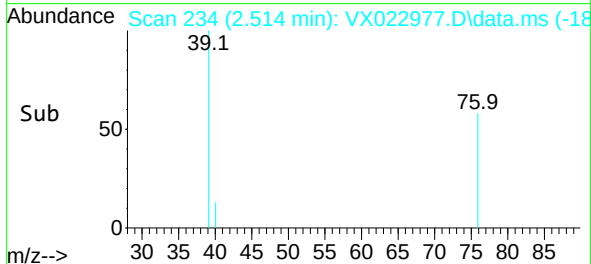
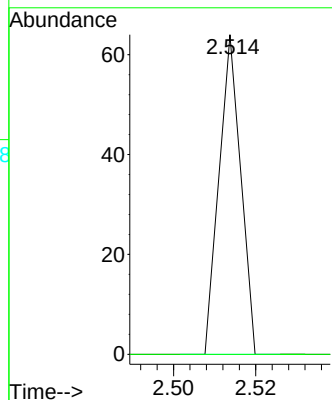
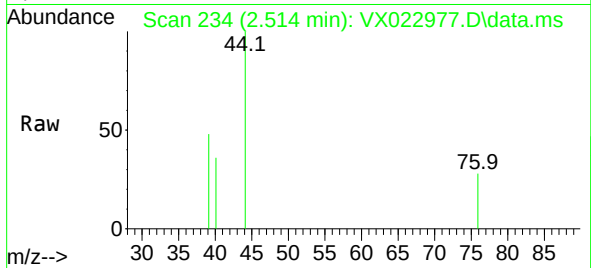




#17
Carbon Disulfide
Concen: 3.527 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

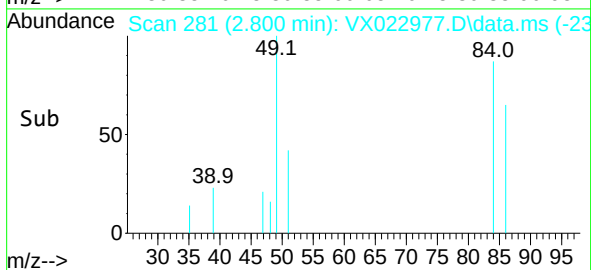
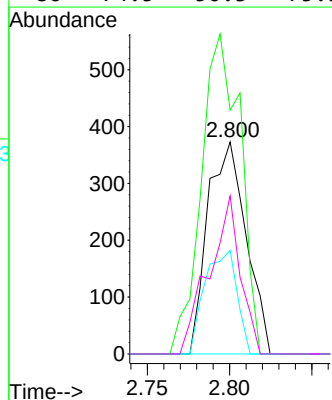
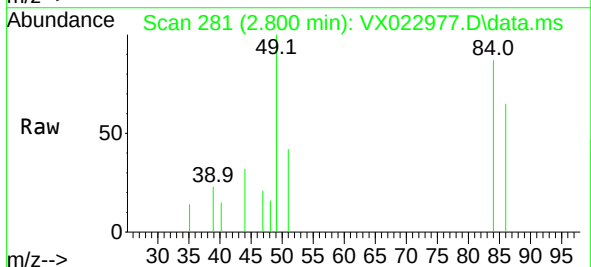
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

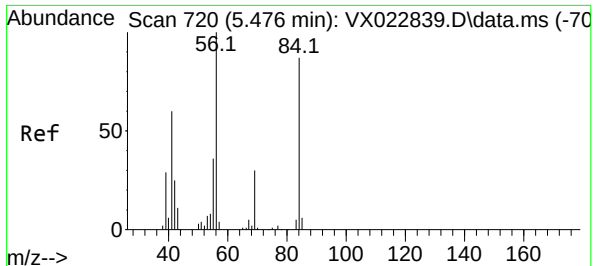
Tgt Ion: 76 Resp: 23
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.098 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 84 Resp: 605
Ion Ratio Lower Upper
84 100
49 115.0 88.6 132.8
51 48.8 27.0 40.6#
86 74.5 50.3 75.5

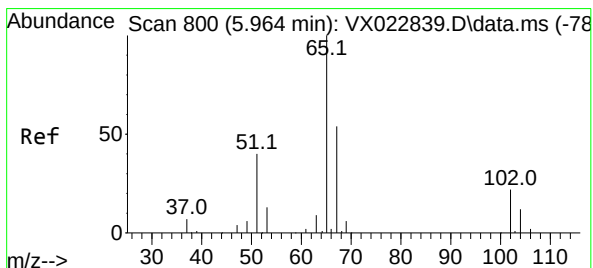
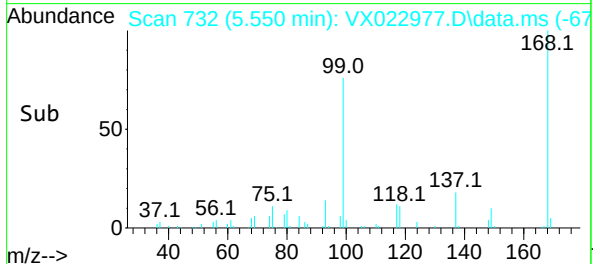
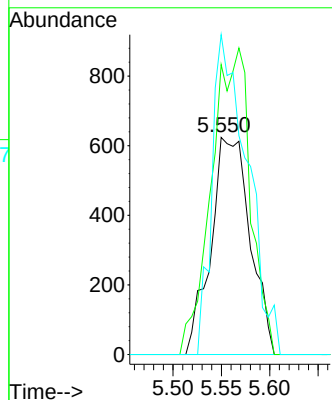
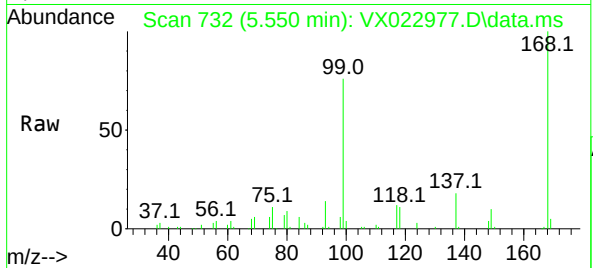




#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

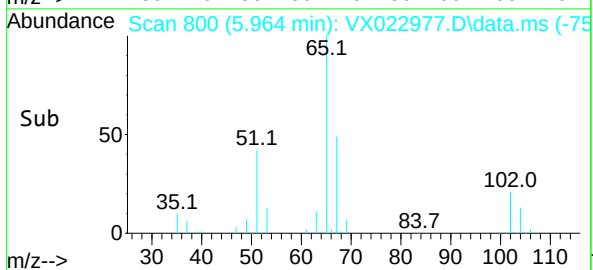
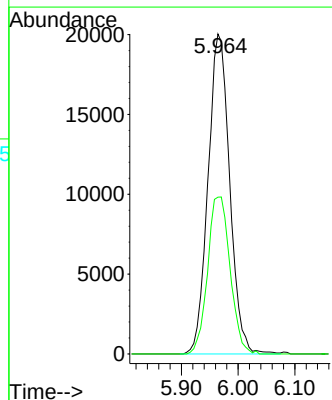
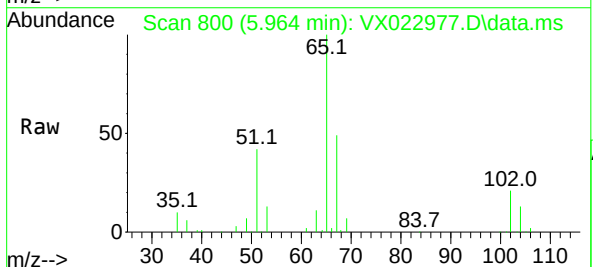
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

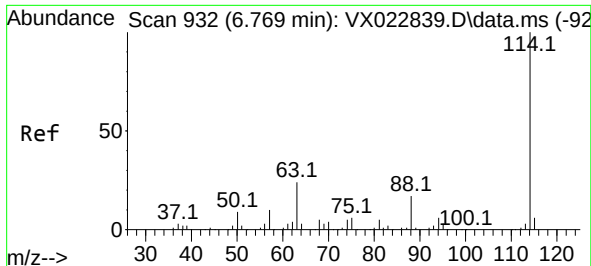
Tgt Ion: 56 Resp: 1759
Ion Ratio Lower Upper
56 100
69 133.5 25.3 37.9#
84 147.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.496 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 65 Resp: 53202
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

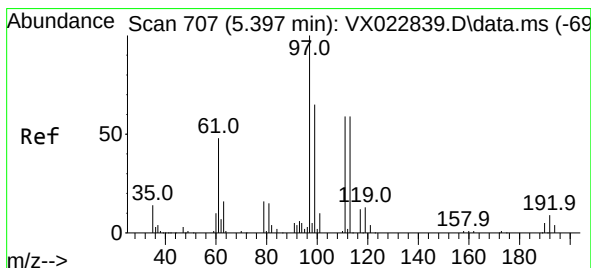
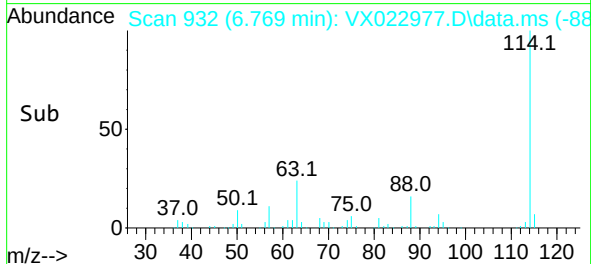
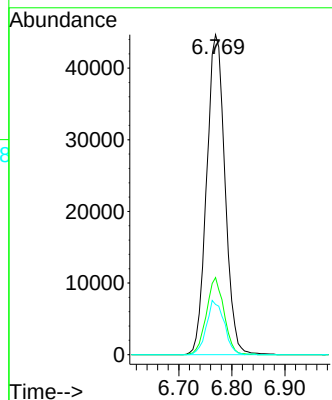
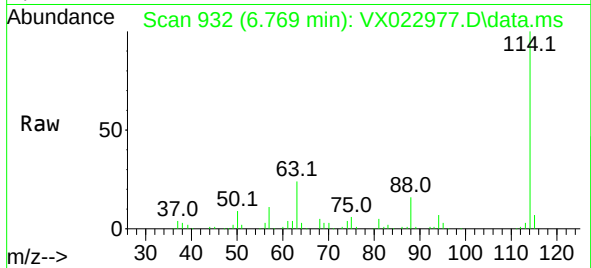




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

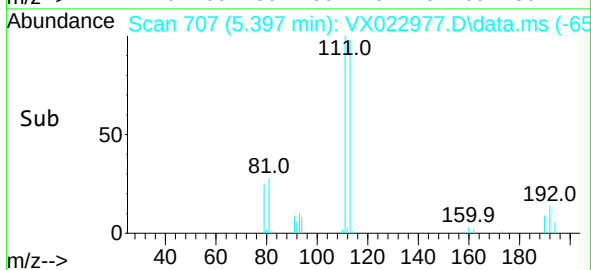
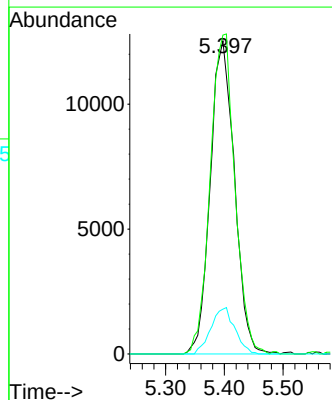
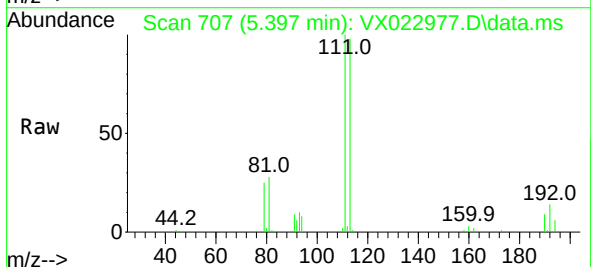
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ClientSampleId :
RW4-20210623

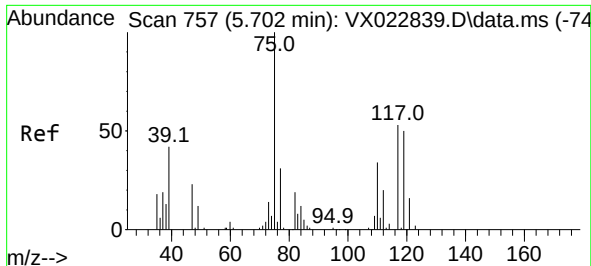
Tgt Ion:114 Resp: 107222
Ion Ratio Lower Upper
114 100
63 24.1 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.768 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion:113 Resp: 35929
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 14.6 16.7 25.1#

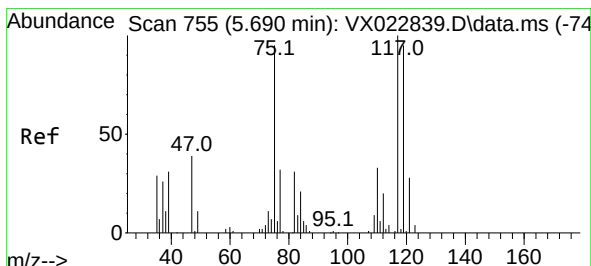
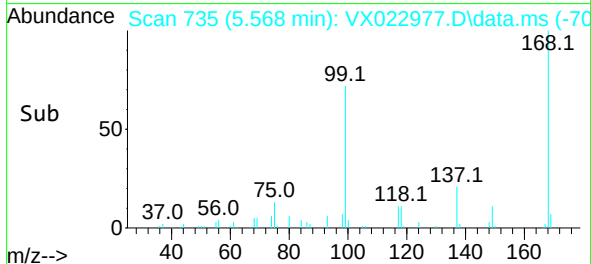
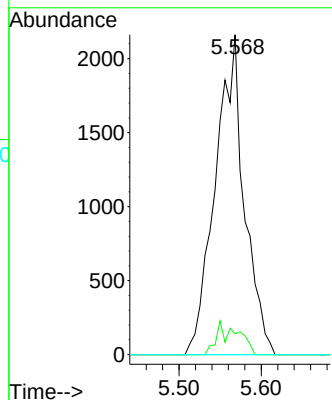
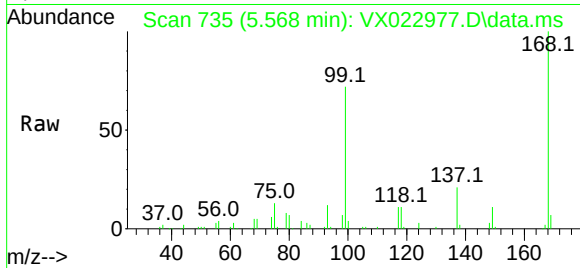




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

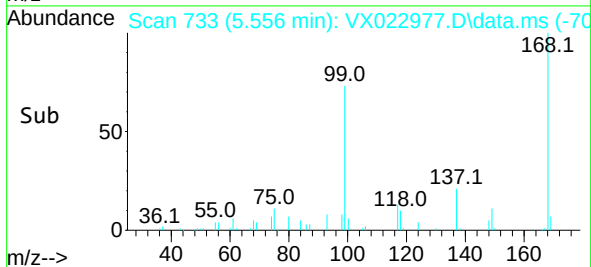
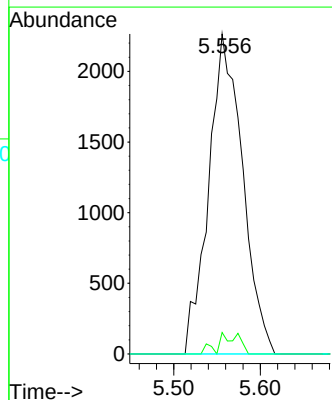
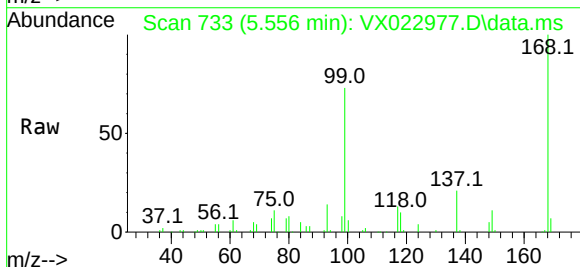
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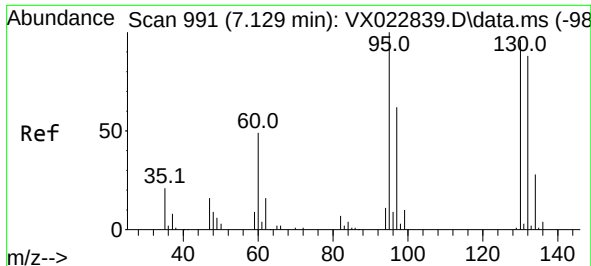
Tgt Ion: 75 Resp: 5289
Ion Ratio Lower Upper
75 100
110 3.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 117 Resp: 6150
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 24.8 37.2#

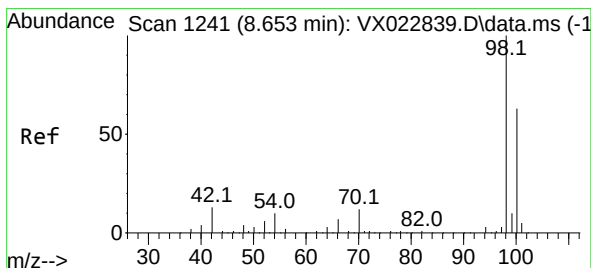
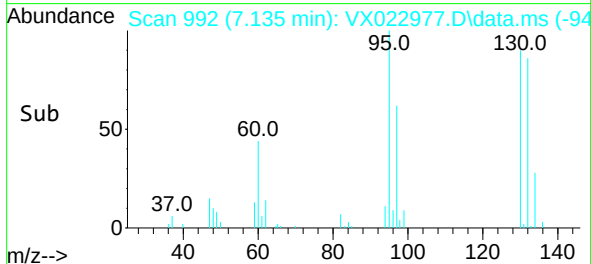
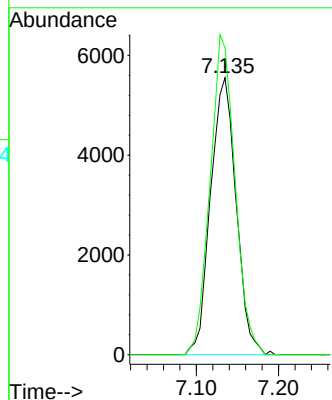
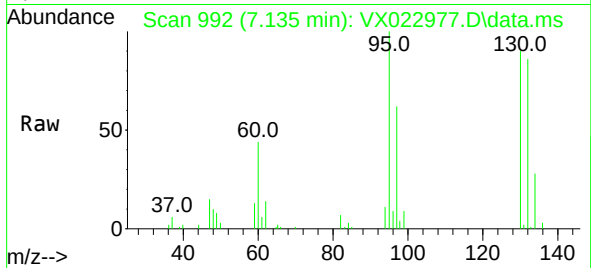




#44
Trichloroethene
Concen: 15.420 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

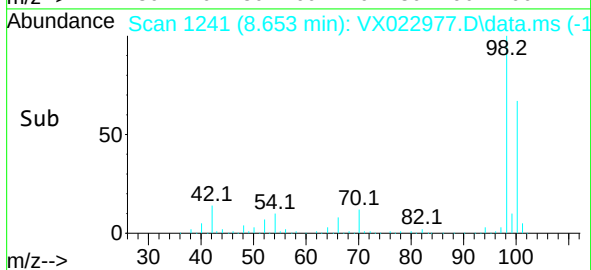
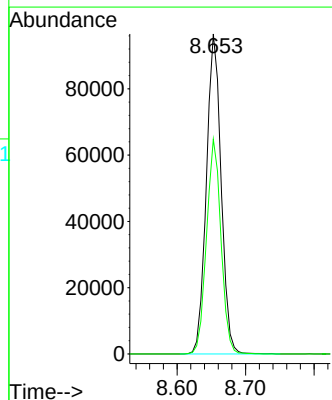
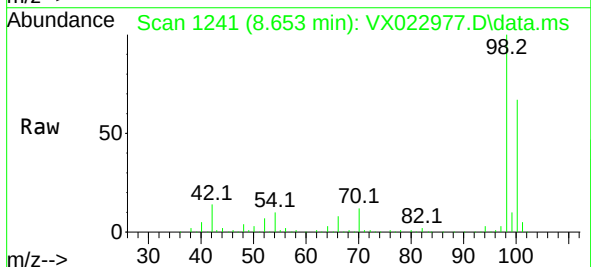
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

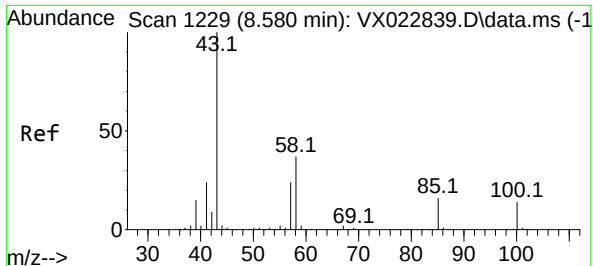
Tgt Ion:130 Resp: 12009
Ion Ratio Lower Upper
130 100
95 110.8 0.0 198.0



#50
Toluene-d8
Concen: 54.147 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 98 Resp: 144491
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

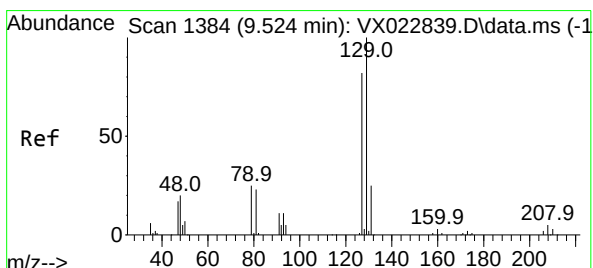
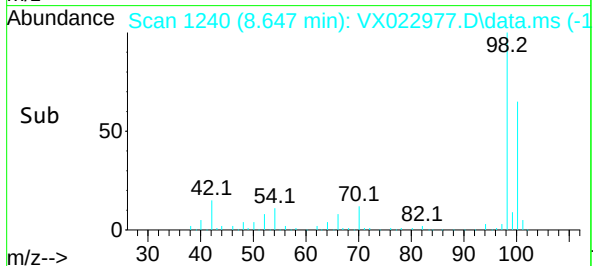
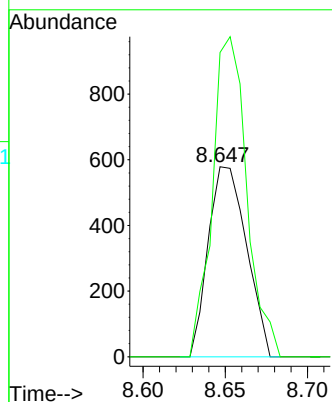
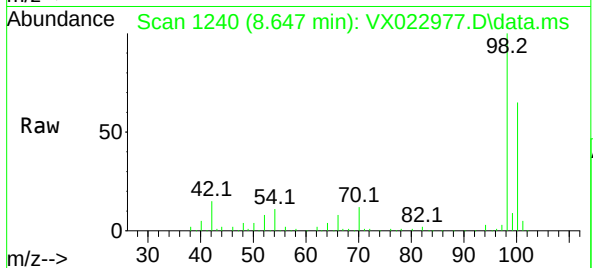




#51
4-Methyl-2-Pentanone
Concen: 0.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

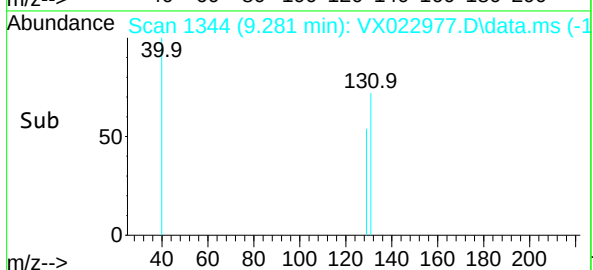
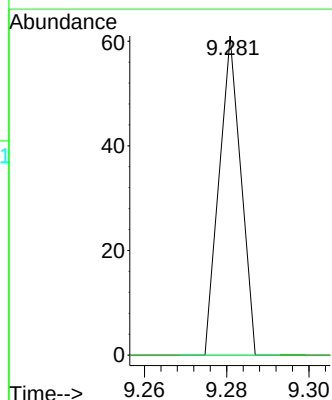
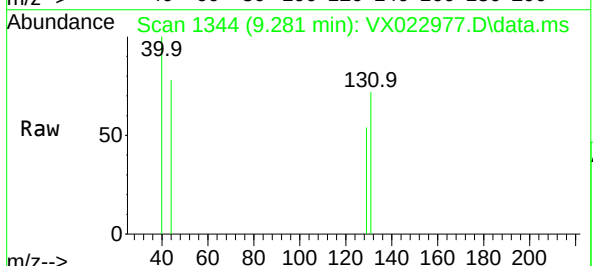
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

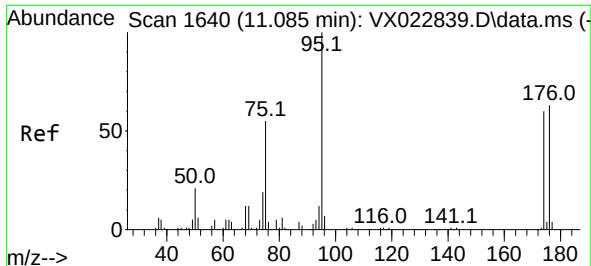
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 151.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.676 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

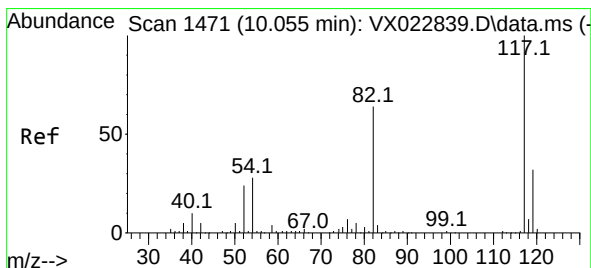
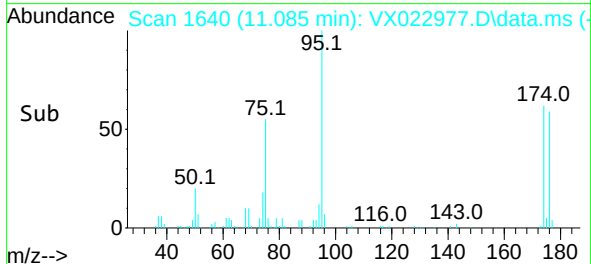
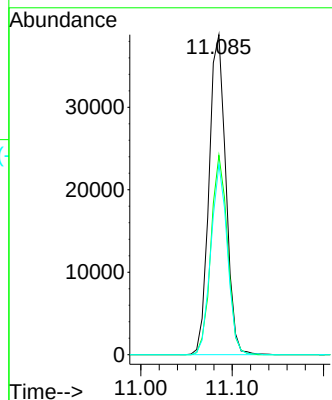
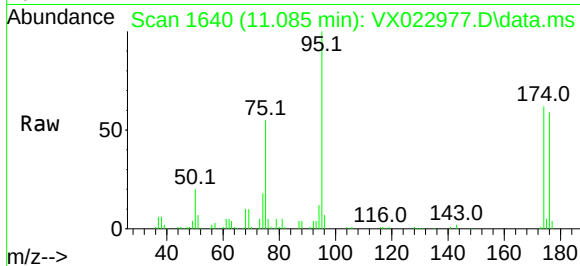




#62
4-Bromofluorobenzene
Concen: 49.559 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

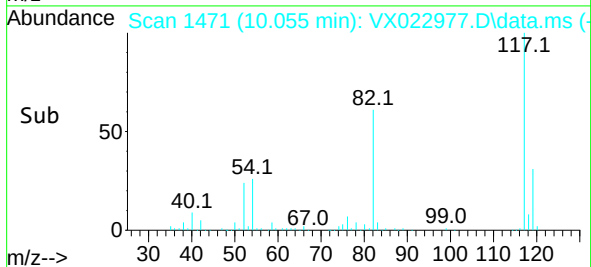
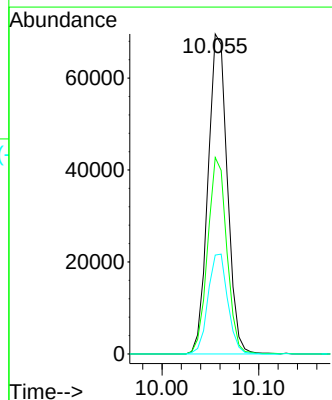
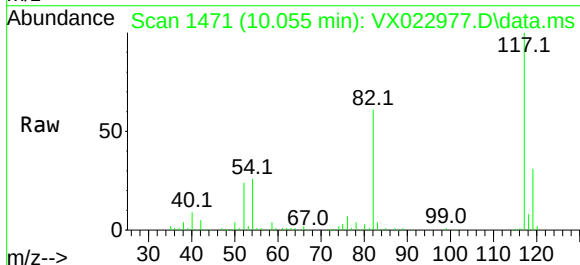
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

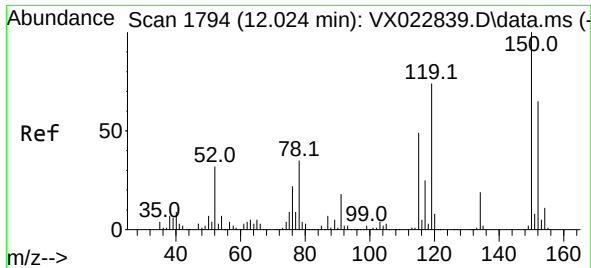
Tgt Ion: 95 Resp: 49357
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 58.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 117 Resp: 96351
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 30.9 26.6 39.8

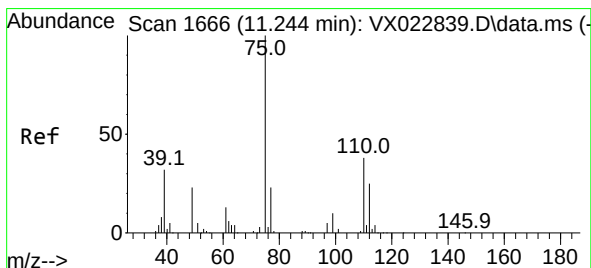
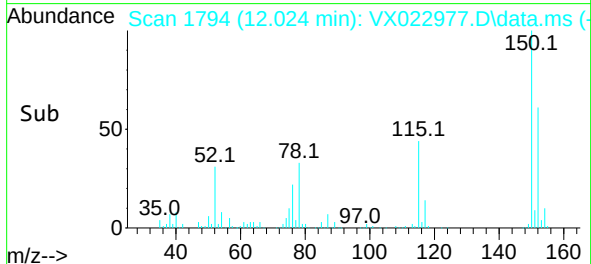
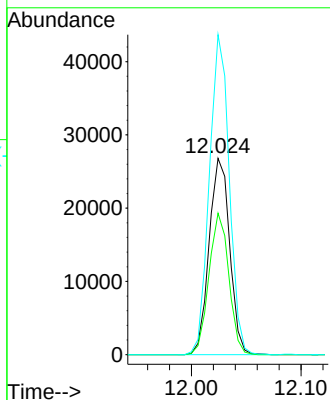
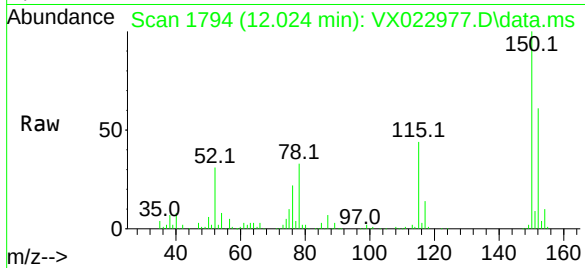




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022977.D
 Acq: 28 Jun 2021 14:15

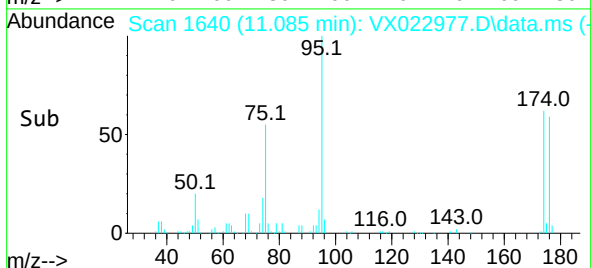
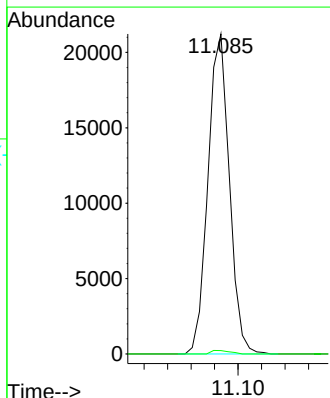
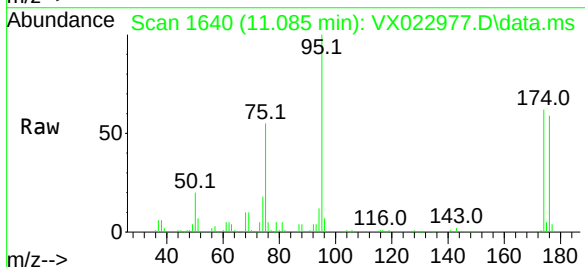
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20210623

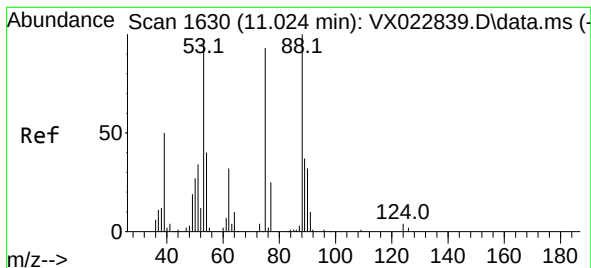
Tgt Ion:152 Resp: 34944
 Ion Ratio Lower Upper
 152 100
 115 69.6 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.030 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022977.D
 Acq: 28 Jun 2021 14:15

Tgt Ion: 75 Resp: 26795
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

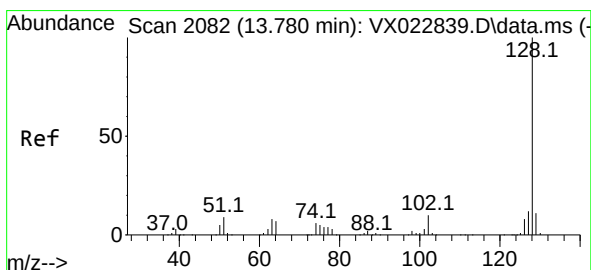
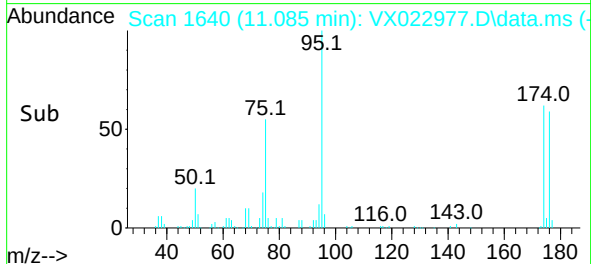
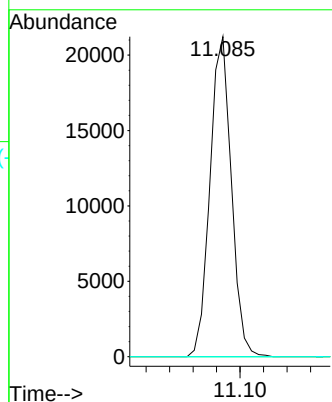
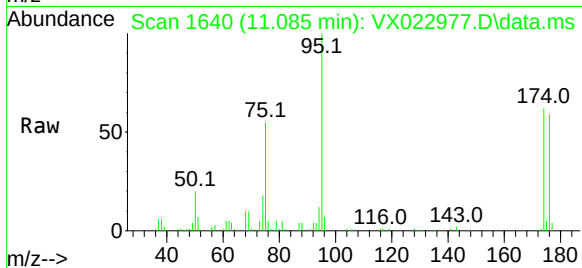




#81
trans-1,4-Dichloro-2-butene
Concen: 74.712 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210623

Tgt Ion: 75 Resp: 26795
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.961 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022977.D
Acq: 28 Jun 2021 14:15

Tgt Ion: 128 Resp: 113
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

