

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024234.D
 Acq On : 15 Sep 2021 02:30
 Operator : JC/MD
 Sample : M3722-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FLOOR

Quant Time: Sep 15 07:31:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

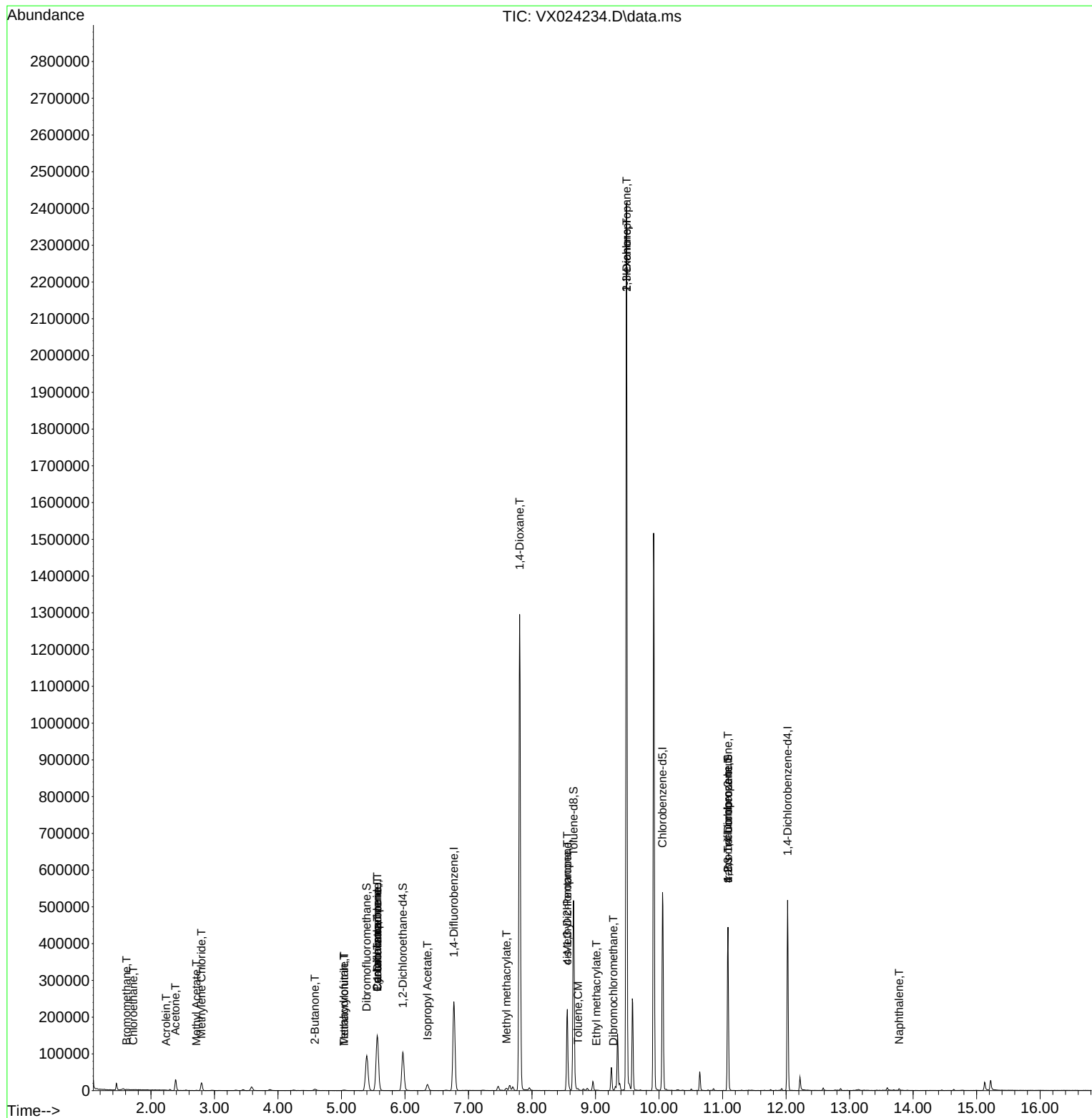
Internal Standards						
1) Pentafluorobenzene	5.562	168	136839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105359	53.995	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.980%			
35) Dibromofluoromethane	5.397	113	80996	50.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.653	98	303423	51.797	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.085	95	112681	49.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.860%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	557	0.684	ug/l #	65
6) Chloroethane	1.721	64	213	2.186	ug/l #	43
11) Tert butyl alcohol	2.959	59	959	Below Cal		99
13) Acrolein	2.239	56	60	0.467	ug/l #	1
16) Acetone	2.386	43	31255	37.566	ug/l #	87
18) Methyl Acetate	2.715	43	1103	0.423	ug/l #	87
20) Methylene Chloride	2.794	84	9230	5.777	ug/l	94
25) 2-Butanone	4.580	43	5604	4.573	ug/l #	85
29) Tetrahydrofuran	5.038	42	1372	1.789	ug/l #	84
31) Cyclohexane	5.562	56	3058	1.340	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10897	4.943	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14276	5.754	ug/l #	16
41) Methacrylonitrile	5.044	41	986	0.720	ug/l #	39
43) Isopropyl Acetate	6.354	43	21666	5.299	ug/l	93
48) Methyl methacrylate	7.598	41	7465	3.659	ug/l #	10
49) 1,4-Dioxane	7.805	88	214	5.009	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	78341	30.066	ug/l #	45
52) Toluene	8.726	92	976	0.236	ug/l	82
54) cis-1,3-Dichloropropene	8.555	75	32344	12.134	ug/l #	69
56) Ethyl methacrylate	9.013	69	169	1.418	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	18913	6.580	ug/l #	42
59) 2-Hexanone	9.488	43	286636	141.181	ug/l #	42
60) Dibromochloromethane	9.281	129	64	1.757	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59688	25.195	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59688	74.099	ug/l #	12
95) Naphthalene	13.780	128	3082	1.695	ug/l	99

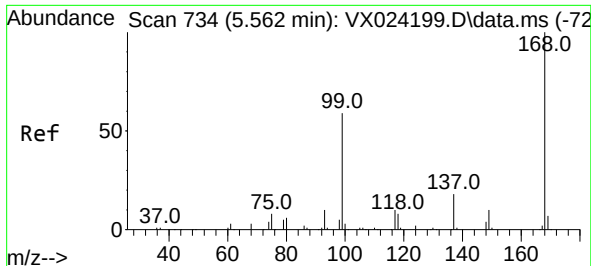
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
FLOOR

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

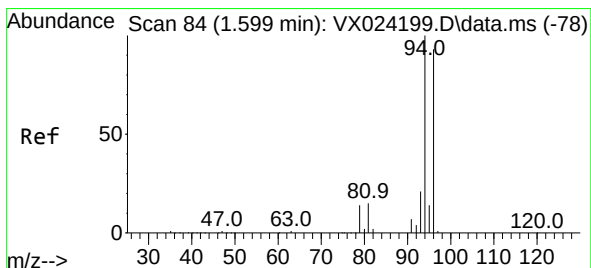
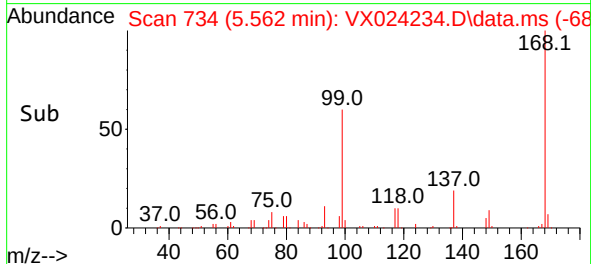
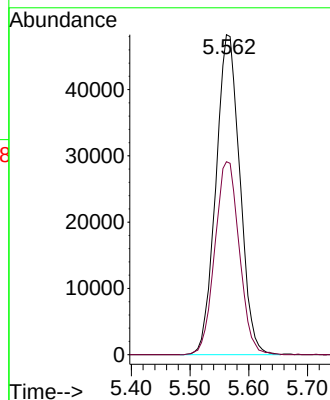
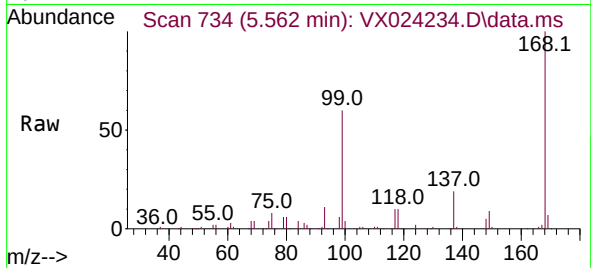




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

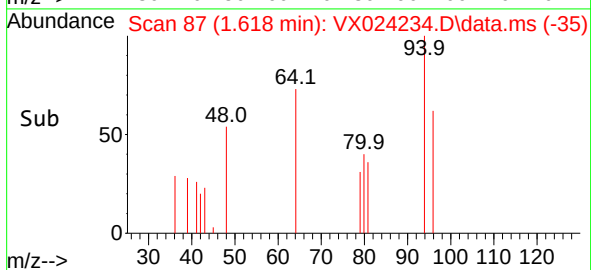
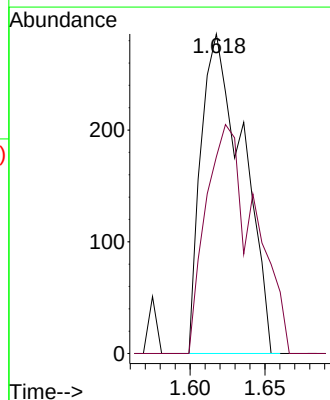
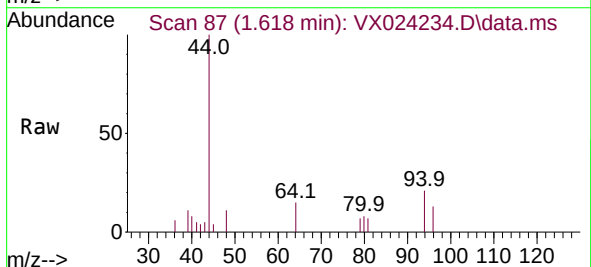
Instrument :
MSVOA_X
ClientSampleId :
FLOOR

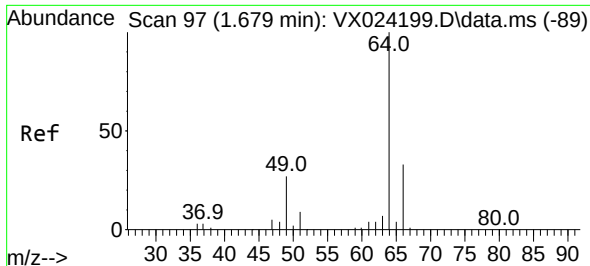
Tgt Ion:168 Resp: 136839
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#5
Bromomethane
Concen: 0.684 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 61.5 76.4 114.6#

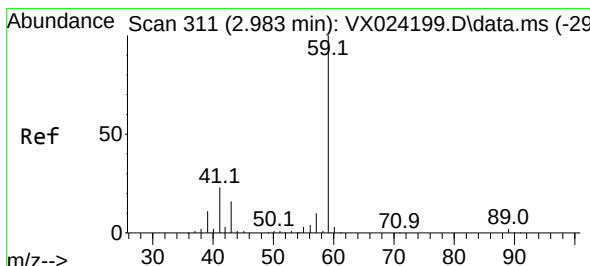
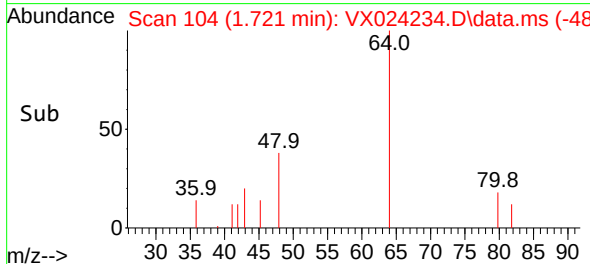
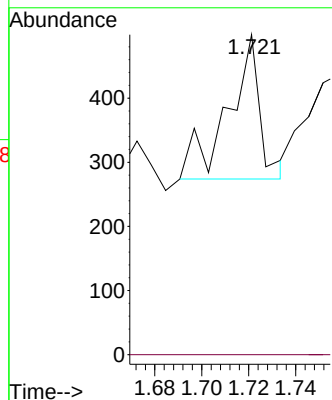
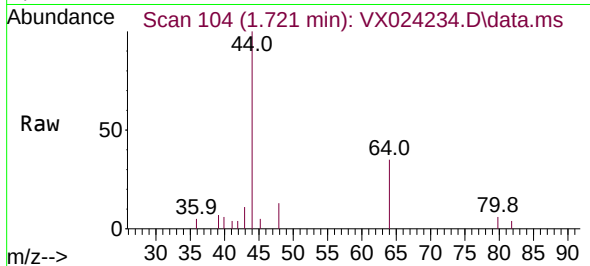




#6
Chloroethane
Concen: 2.186 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

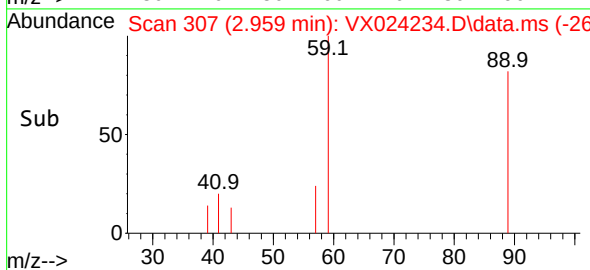
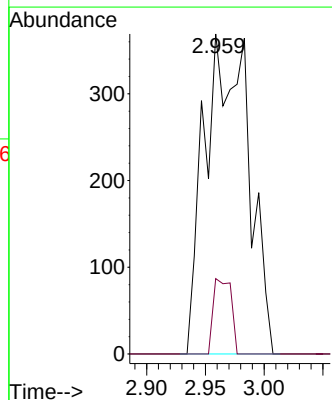
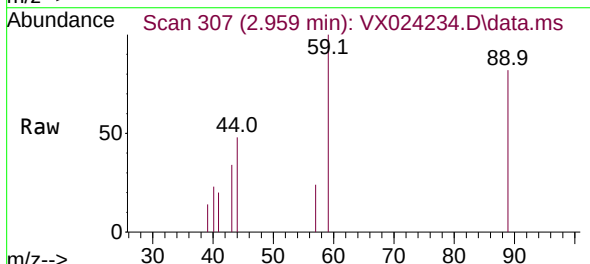
Instrument :
MSVOA_X
ClientSampled :
FLOOR

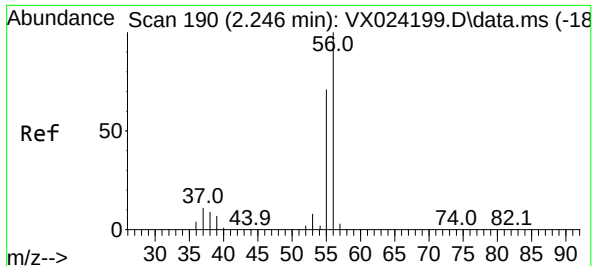
Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 59 Resp: 959
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8

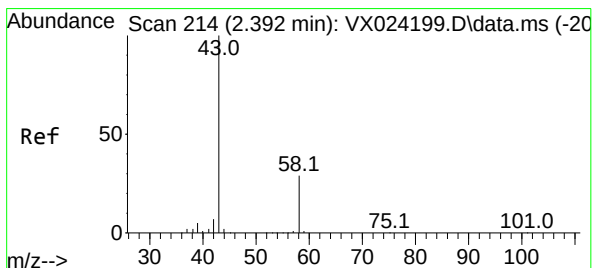
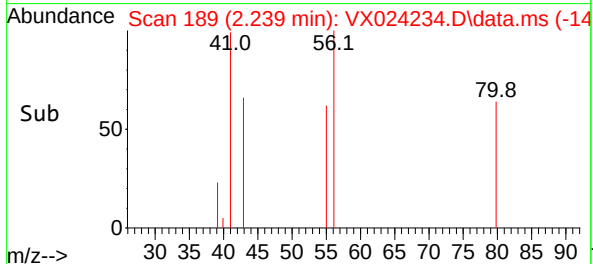
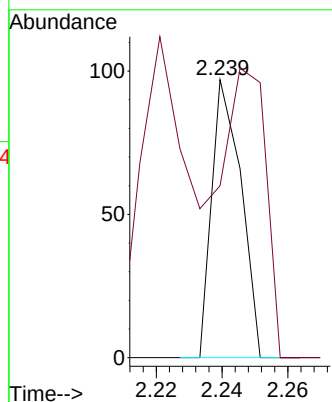
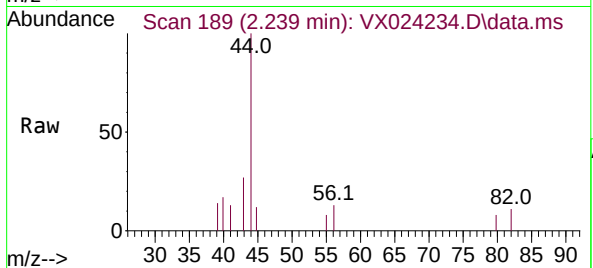




#13
Acrolein
Concen: 0.467 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

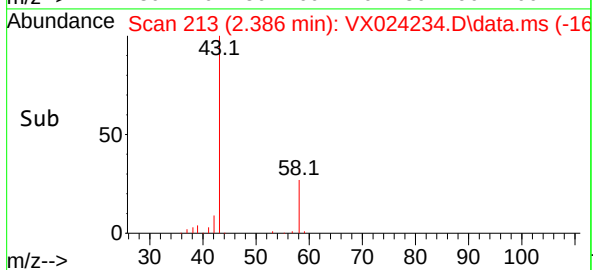
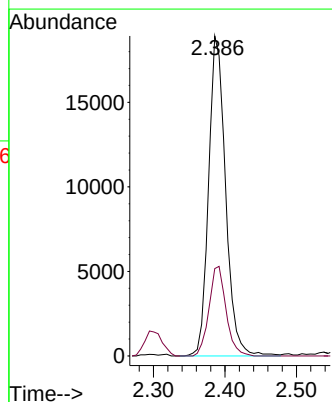
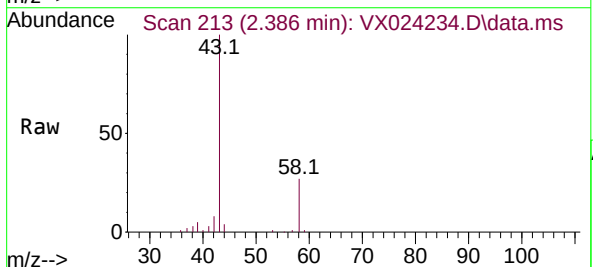
Instrument :
MSVOA_X
ClientSampled :
FLOOR

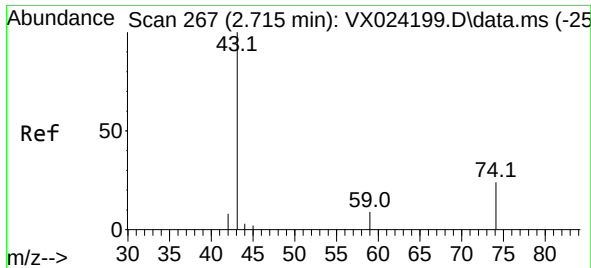
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 156.7 56.4 84.6#



#16
Acetone
Concen: 37.566 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 43 Resp: 31255
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

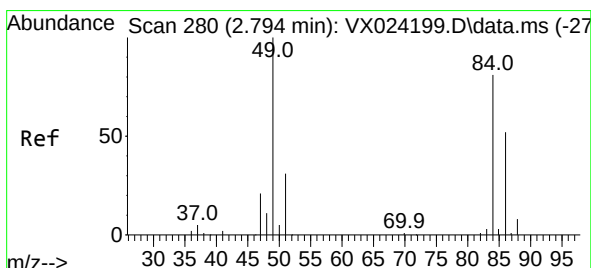
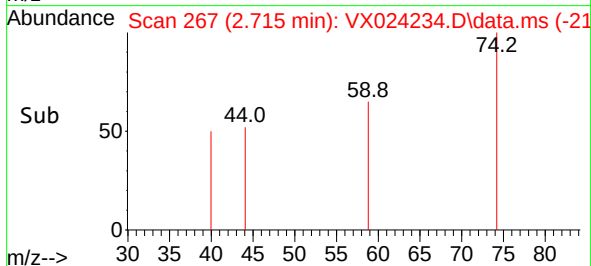
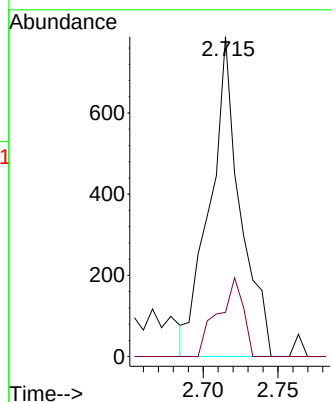
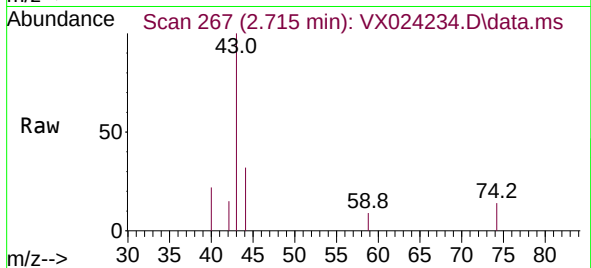




#18
Methyl Acetate
Concen: 0.423 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

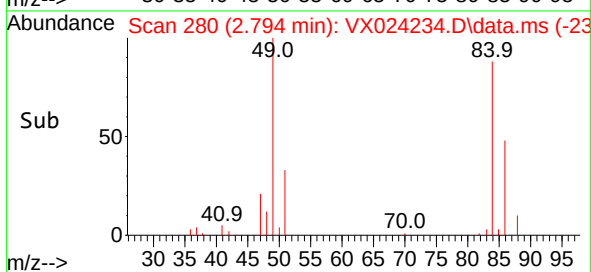
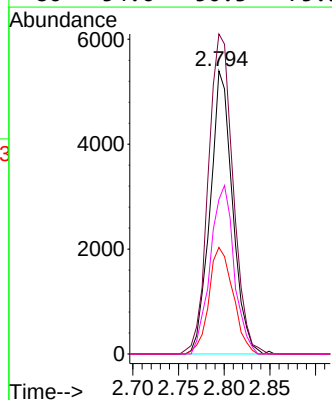
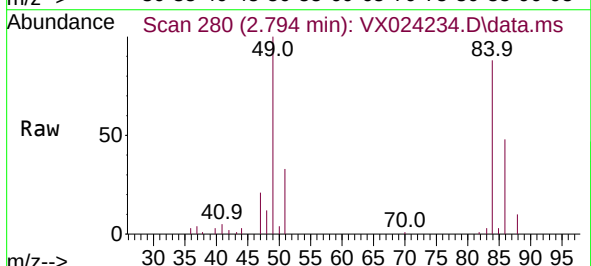
Instrument :
MSVOA_X
ClientSampleId :
FLOOR

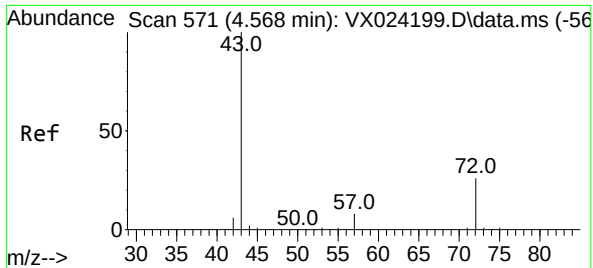
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
74 20.4 21.9 32.9#



#20
Methylene Chloride
Concen: 5.777 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 84 Resp: 9230
Ion Ratio Lower Upper
84 100
49 113.0 88.6 132.8
51 37.6 27.0 40.6
86 54.6 50.3 75.5

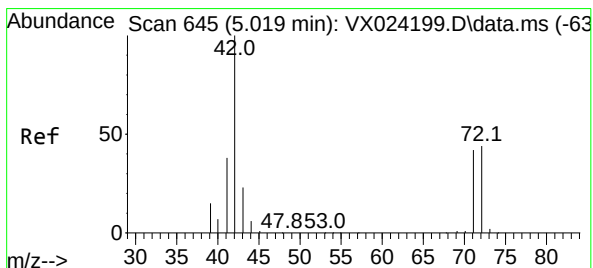
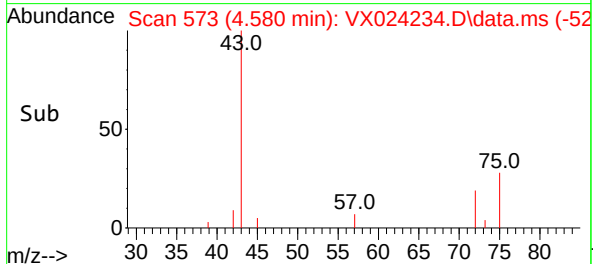
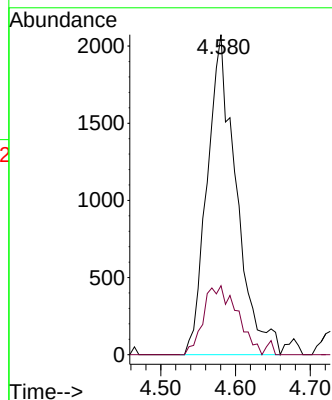
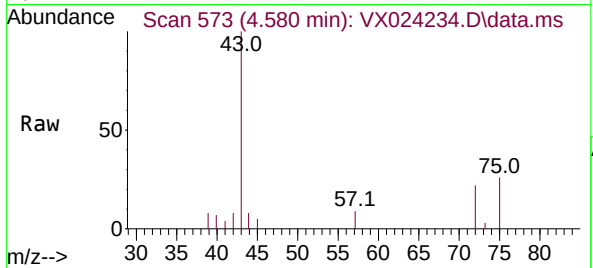




#25
2-Butanone
Concen: 4.573 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

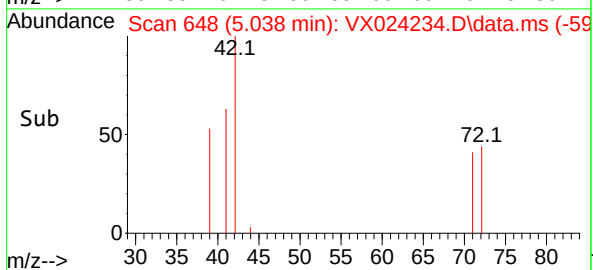
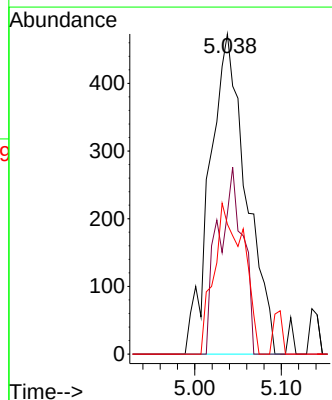
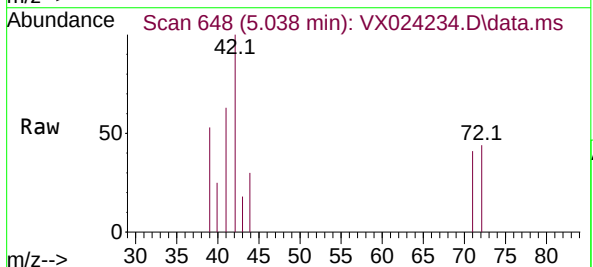
Instrument :
MSVOA_X
ClientSampled :
FLOOR

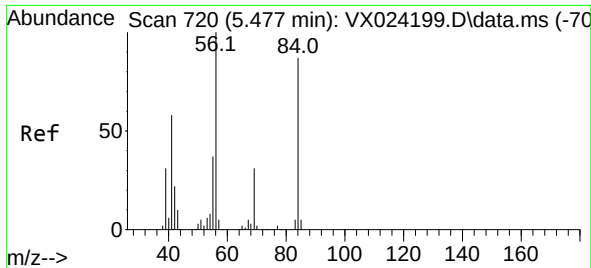
Tgt Ion: 43 Resp: 5604
Ion Ratio Lower Upper
43 100
72 21.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.789 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 42 Resp: 1372
Ion Ratio Lower Upper
42 100
72 39.9 41.7 62.5#
71 38.6 38.4 57.6

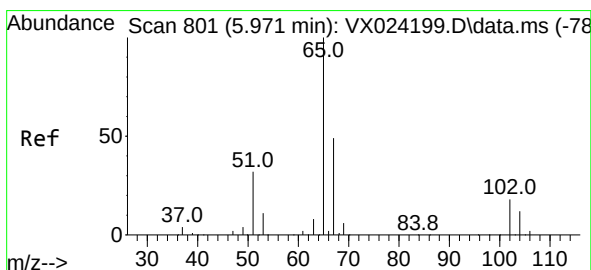
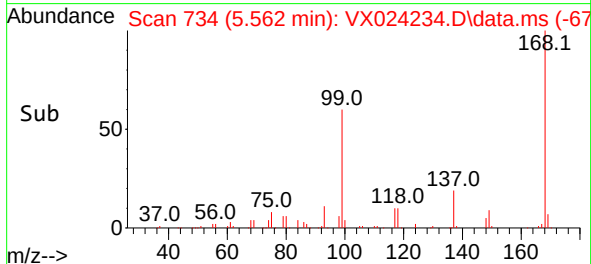
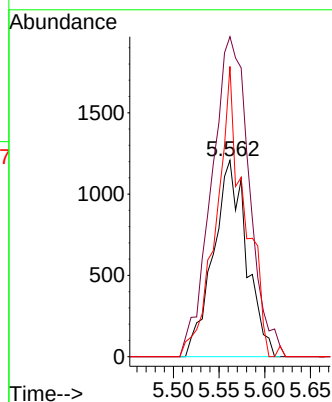
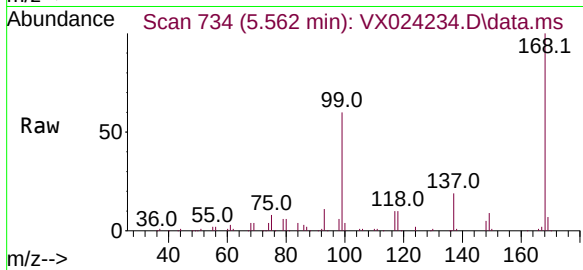




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

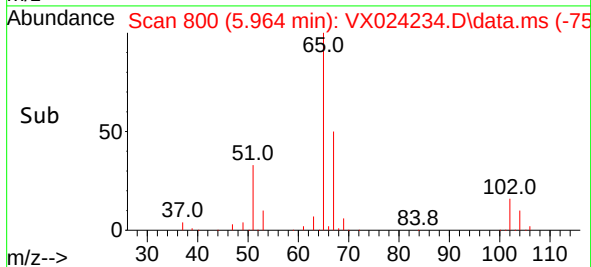
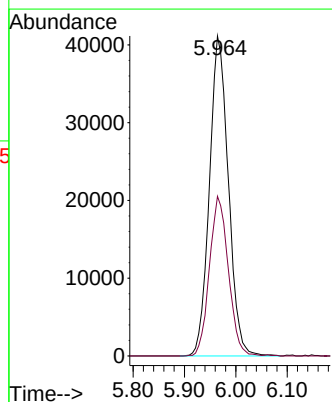
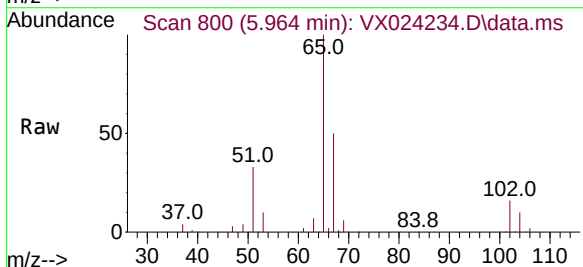
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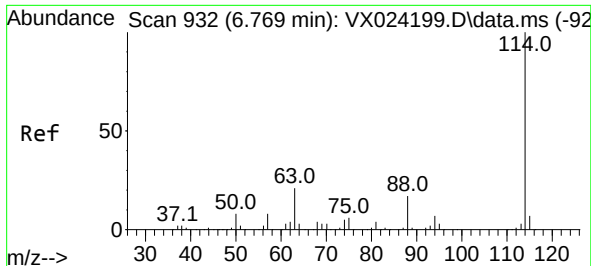
Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 163.0 25.3 37.9#
84 147.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.995 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 65 Resp: 105359
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

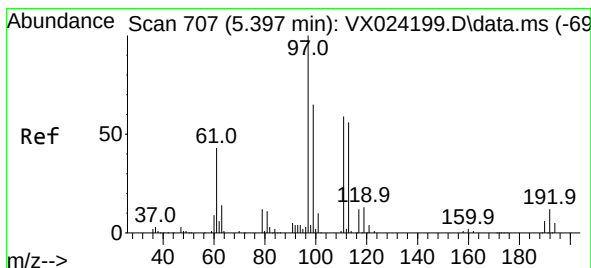
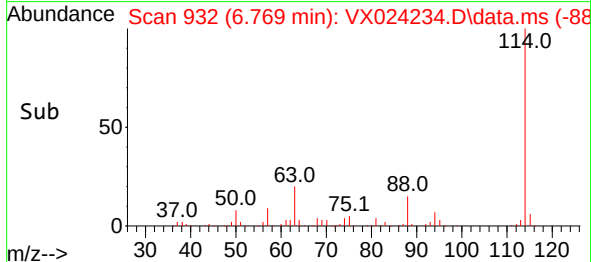
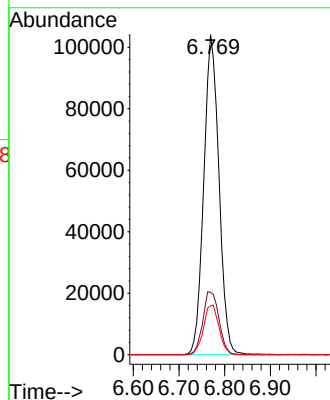
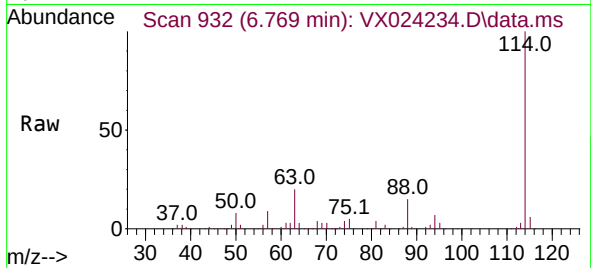




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

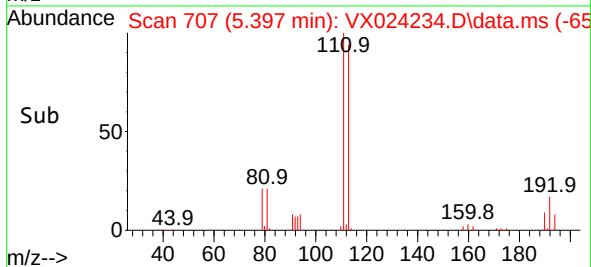
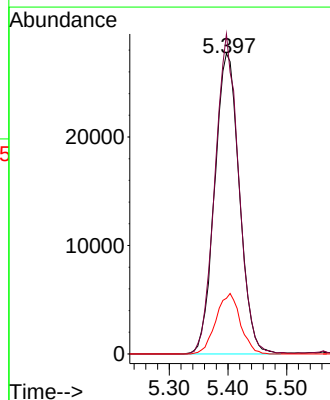
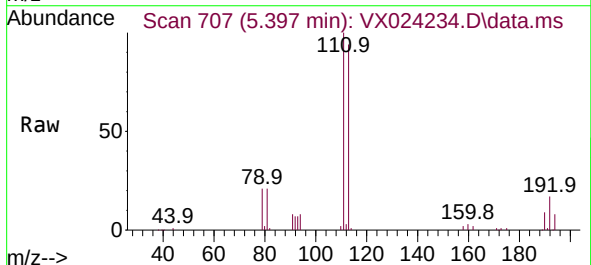
Instrument :
MSVOA_X
ClientSampled :
FLOOR

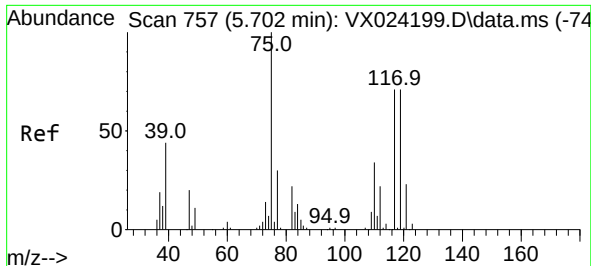
Tgt Ion:114 Resp: 239774
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion:113 Resp: 80996
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.8 16.7 25.1

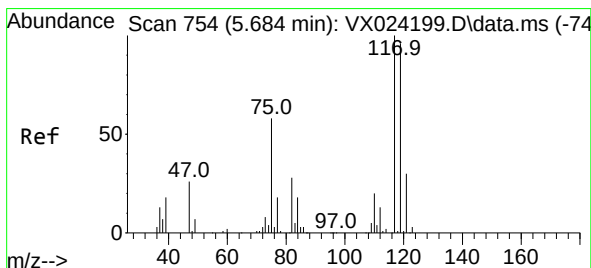
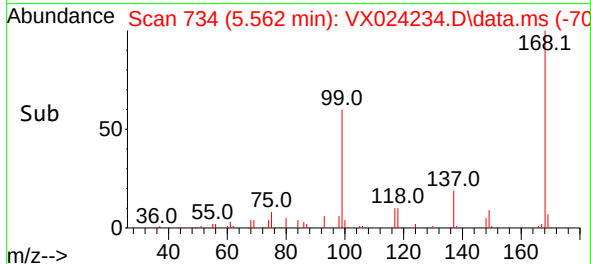
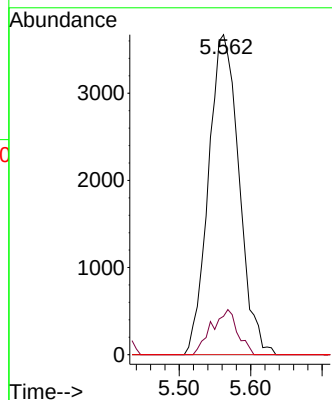
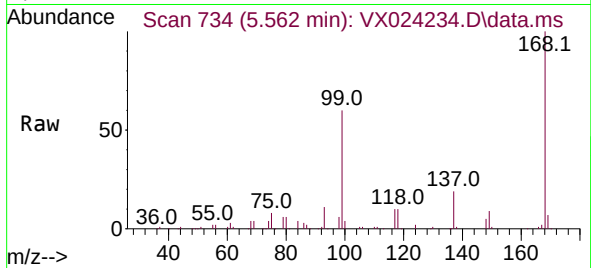




#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

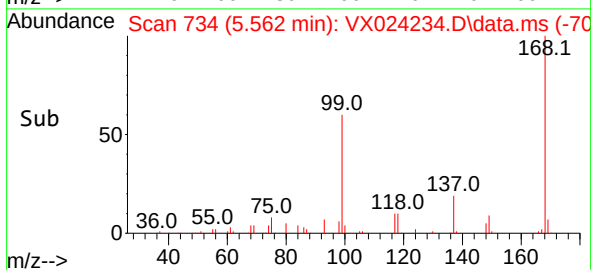
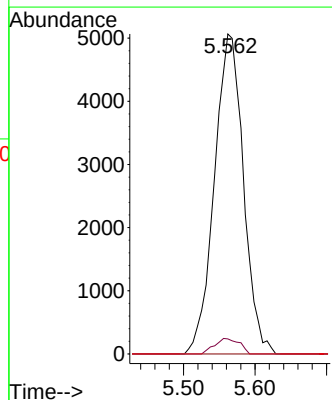
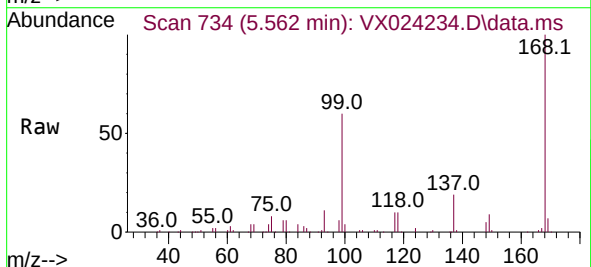
Instrument :
MSVOA_X
ClientSampleId :
FLOOR

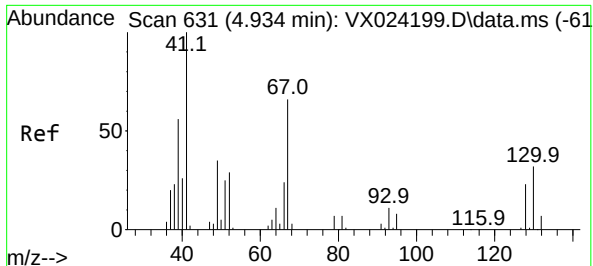
Tgt Ion: 75 Resp: 10897
Ion Ratio Lower Upper
75 100
110 12.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.754 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 117 Resp: 14276
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

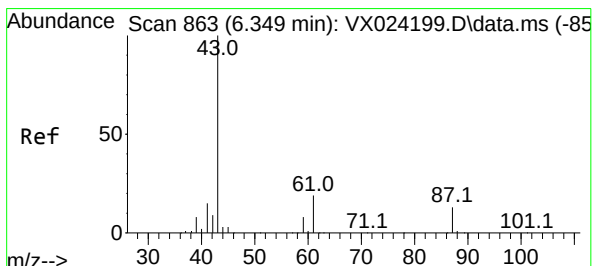
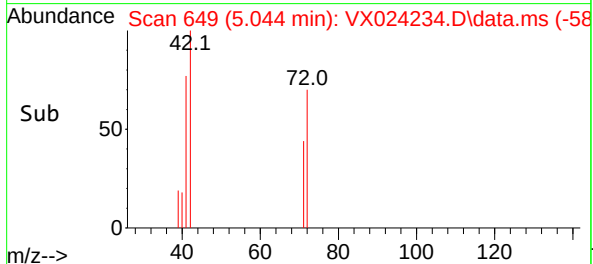
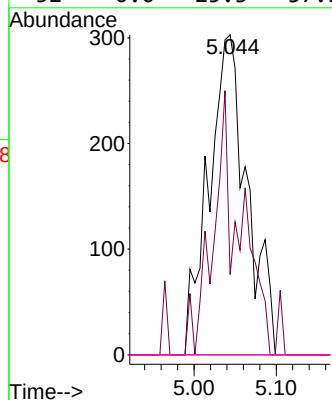
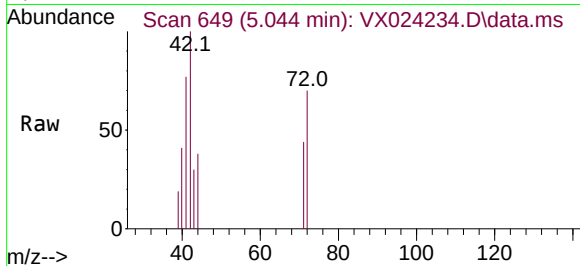




#41
Methacrylonitrile
Concen: 0.720 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.110 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

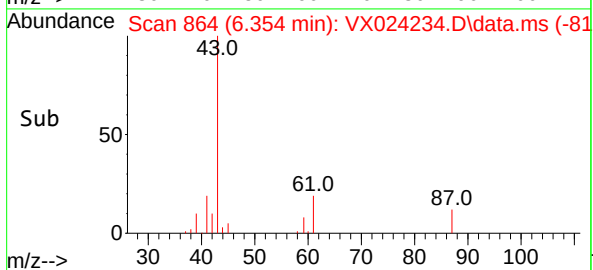
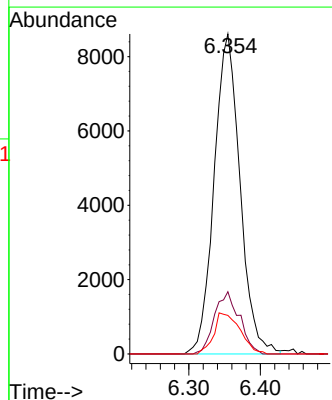
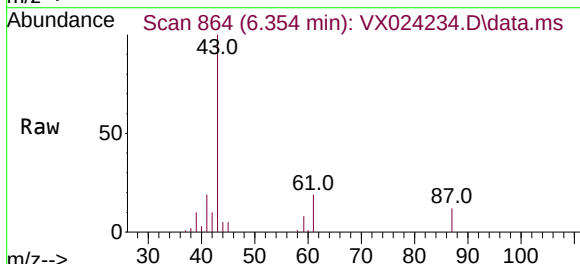
Instrument :
MSVOA_X
ClientSampled :
FLOOR

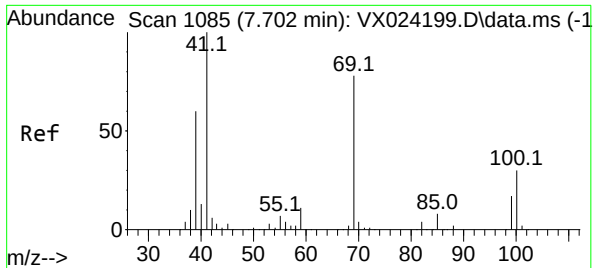
Tgt Ion:	41	Resp:	986
Ion	Ratio	Lower	Upper
41	100		
39	41.9	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.299 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion:	43	Resp:	21666
Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	13.0	12.5	18.7

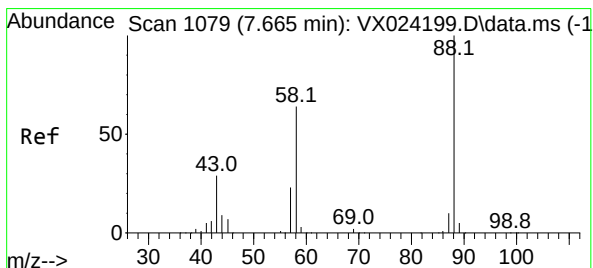
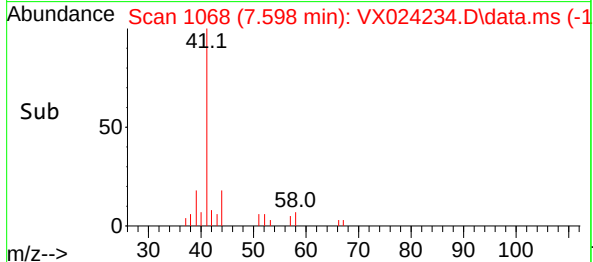
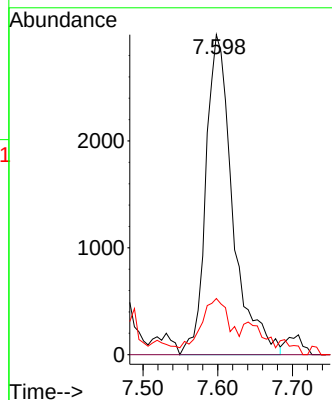
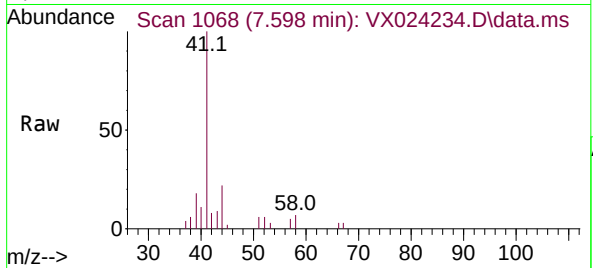




#48
Methyl methacrylate
Concen: 3.659 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.104 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

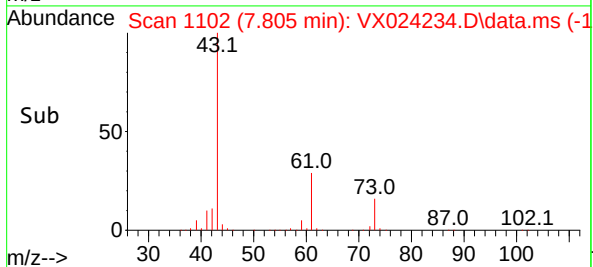
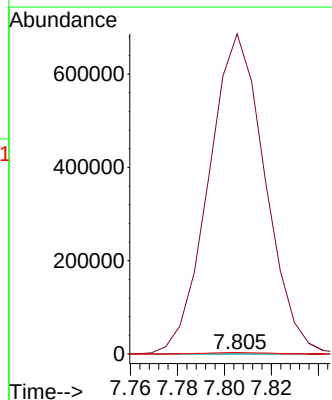
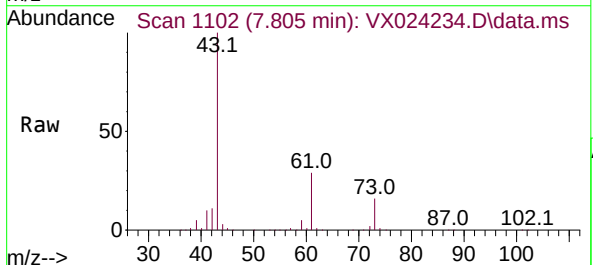
Instrument :
MSVOA_X
ClientSampled :
FLOOR

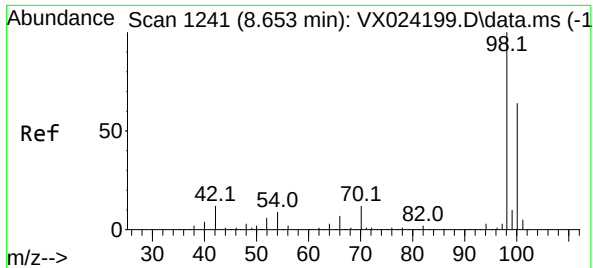
Tgt Ion: 41 Resp: 7465
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 5.009 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
43 538588.8 23.2 34.8#
58 2524.3 55.0 82.4#

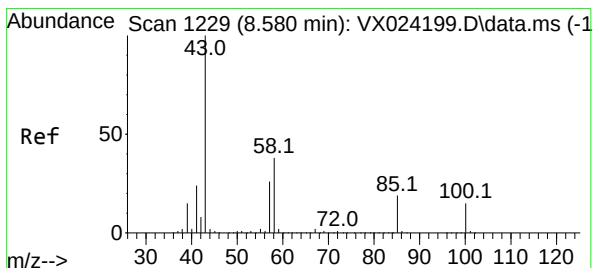
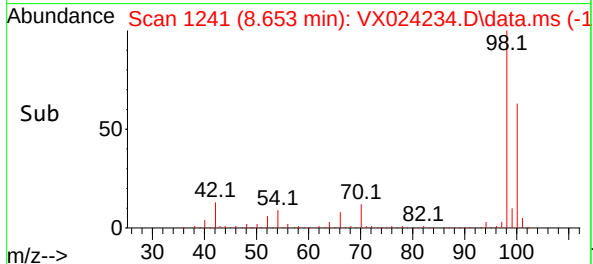
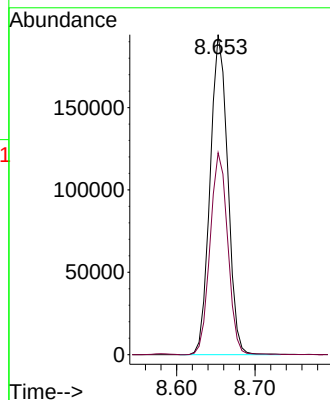
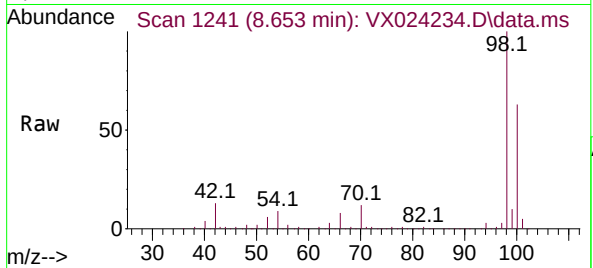




#50
Toluene-d8
Concen: 51.797 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

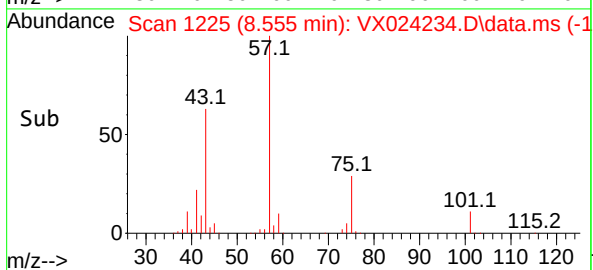
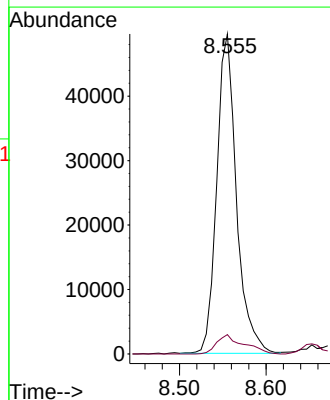
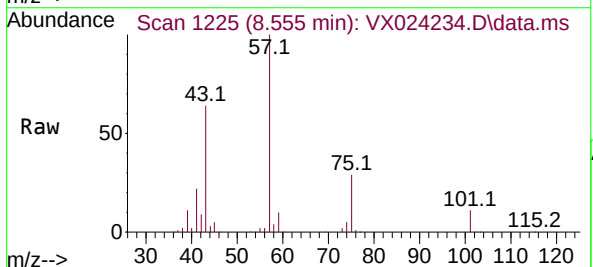
Instrument :
MSVOA_X
ClientSampled :
FLOOR

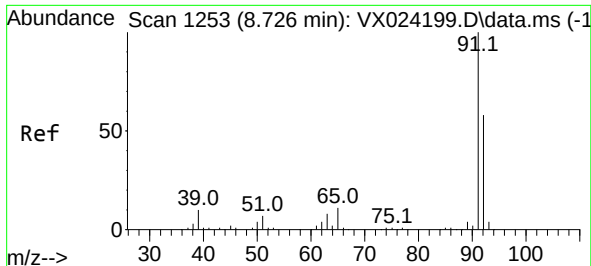
Tgt Ion: 98 Resp: 303423
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 30.066 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 43 Resp: 78341
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#

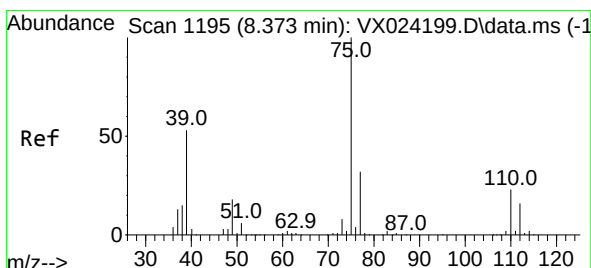
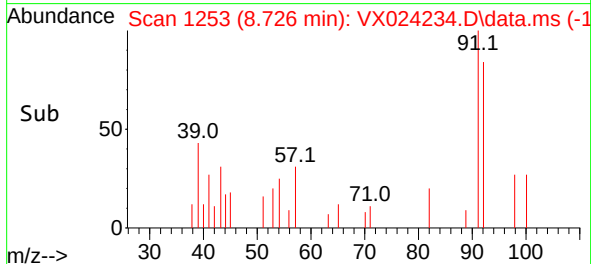
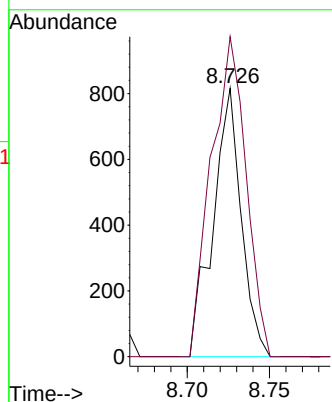
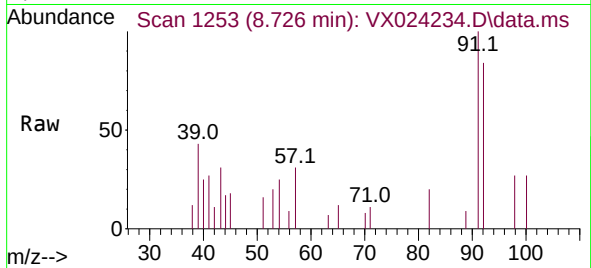




#52
Toluene
Concen: 0.236 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

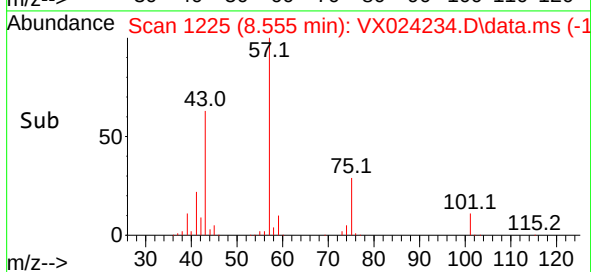
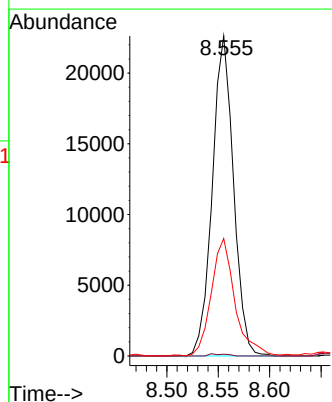
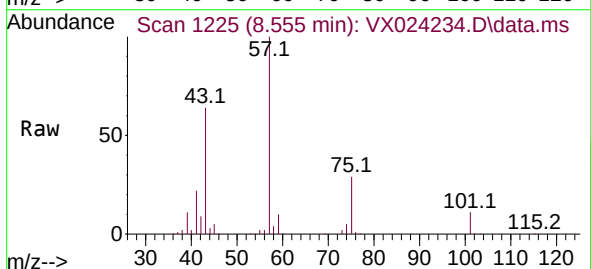
Instrument :
MSVOA_X
ClientSampled :
FLOOR

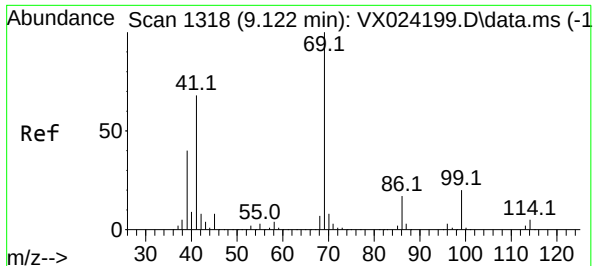
Tgt Ion: 92 Resp: 976
Ion Ratio Lower Upper
92 100
91 147.1 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 12.134 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 75 Resp: 32344
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 36.5 35.1 52.7

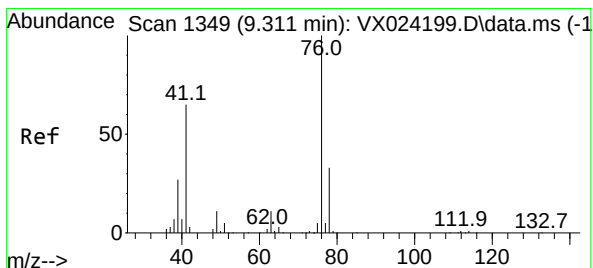
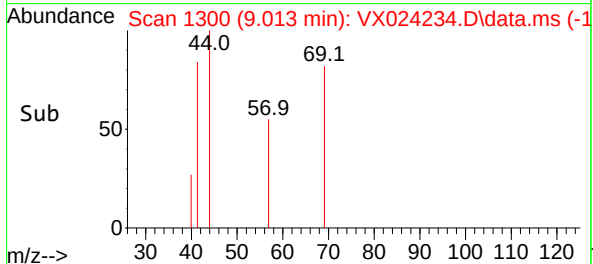
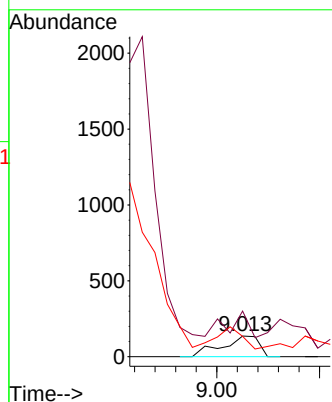
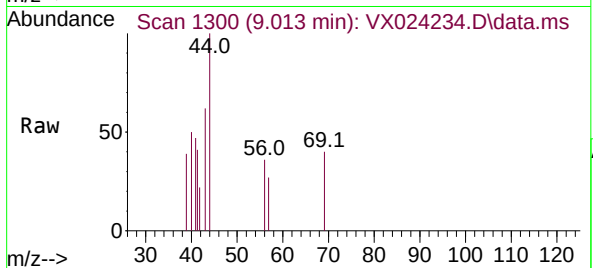




#56
Ethyl methacrylate
Concen: 1.418 ug/l
RT: 9.013 min Scan# 1300
Delta R.T. -0.109 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

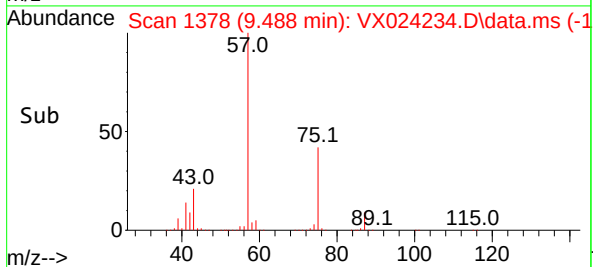
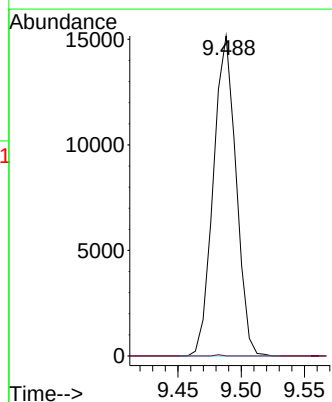
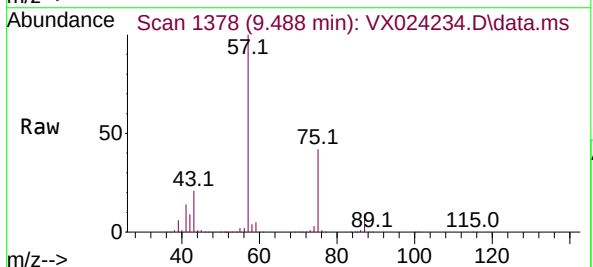
Instrument :
MSVOA_X
ClientSampleId :
FLOOR

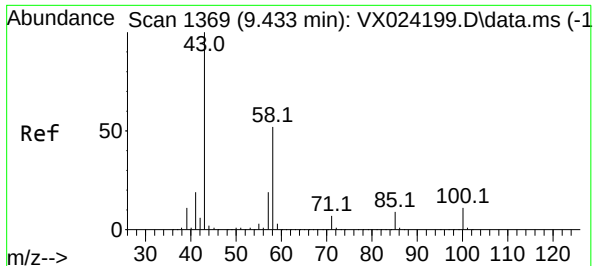
Tgt Ion: 69 Resp: 169
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.580 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 76 Resp: 18913
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

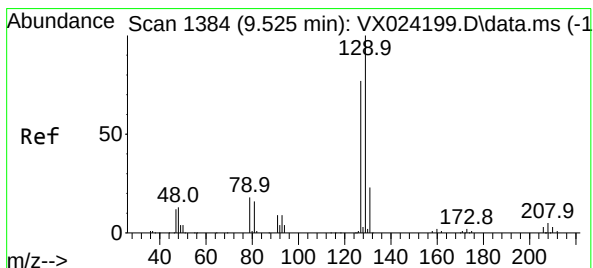
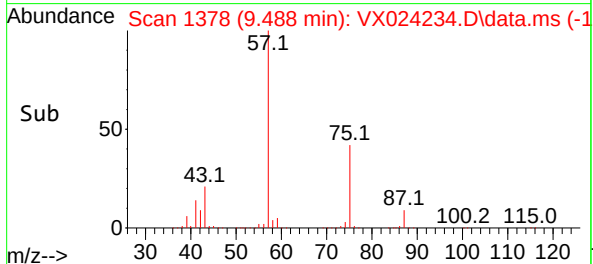
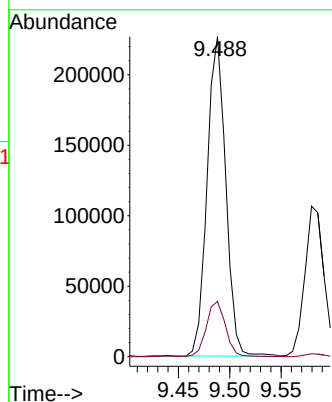
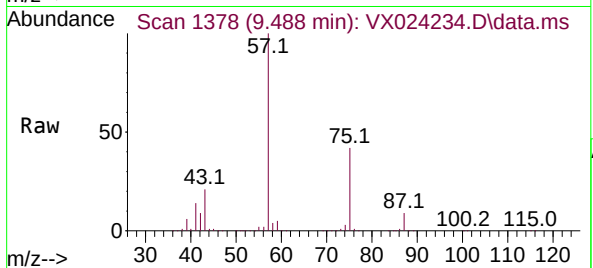




#59
2-Hexanone
Concen: 141.181 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

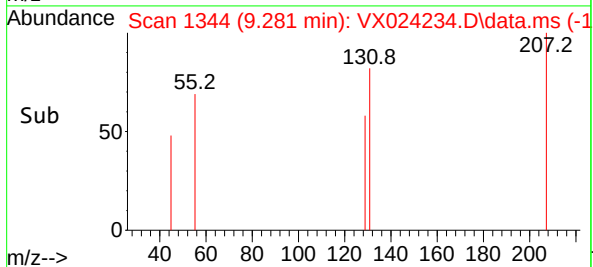
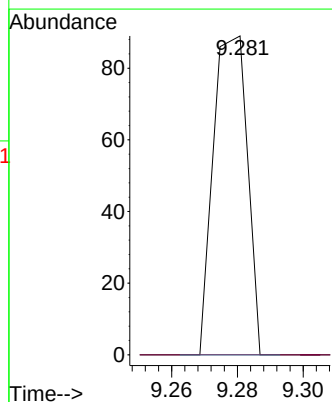
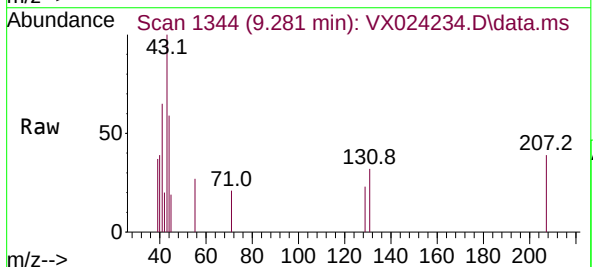
Instrument :
MSVOA_X
ClientSampled :
FLOOR

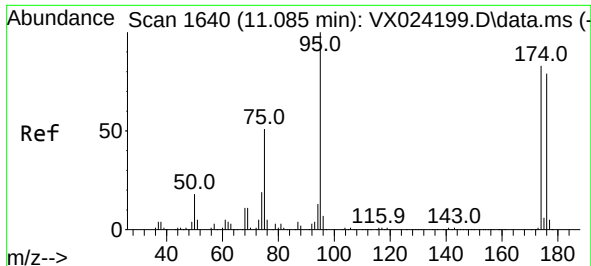
Tgt Ion: 43 Resp: 286636
Ion Ratio Lower Upper
43 100
58 17.7 30.9 92.8#



#60
Dibromochloromethane
Concen: 1.757 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 129 Resp: 64
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

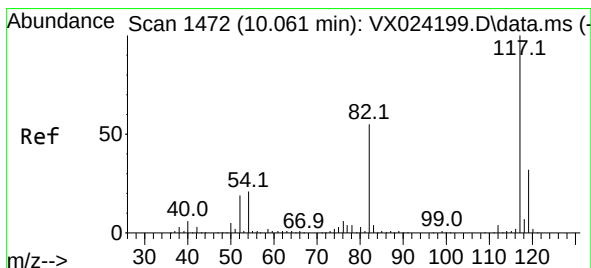
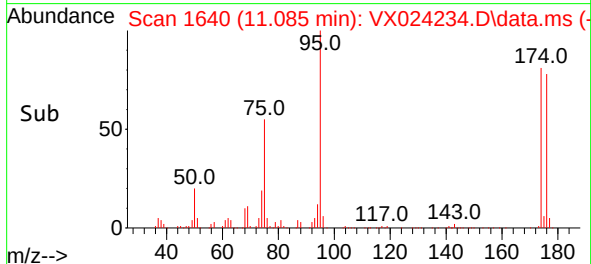
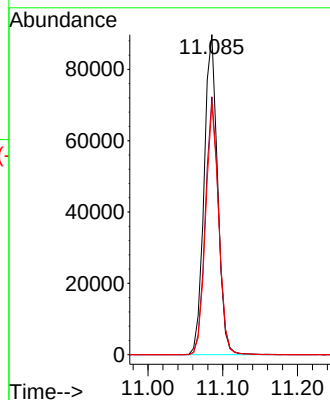
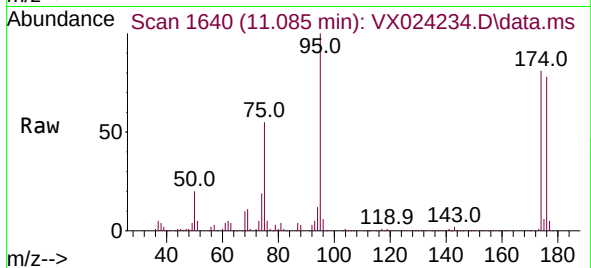




#62
4-Bromofluorobenzene
Concen: 49.427 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

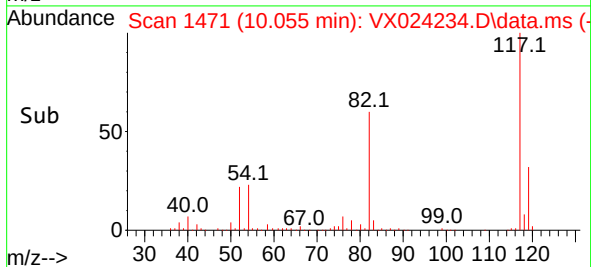
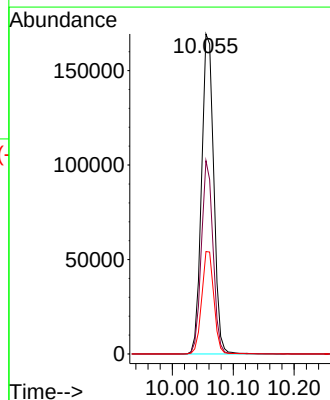
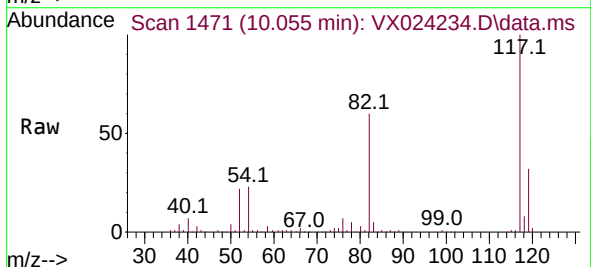
Instrument :
MSVOA_X
ClientSampled :
FLOOR

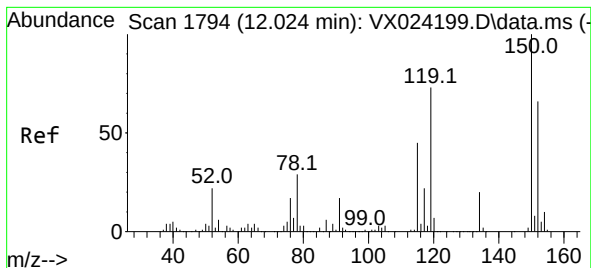
Tgt Ion: 95 Resp: 112681
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 117 Resp: 234637
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.0 26.6 39.8

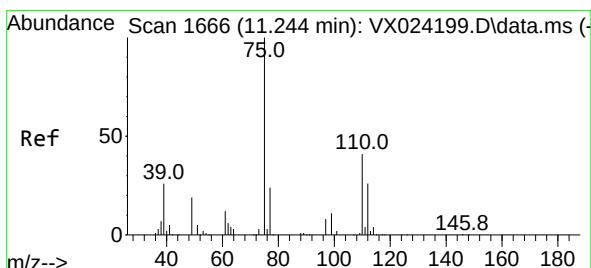
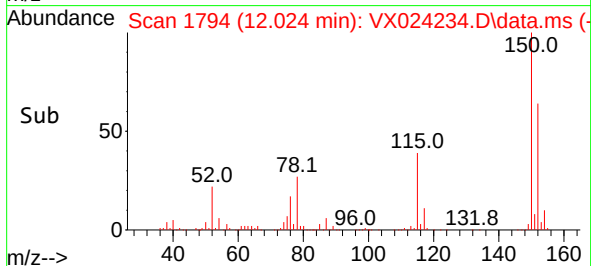
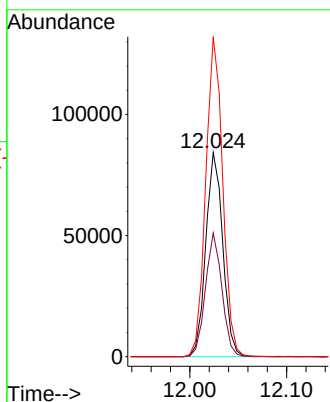
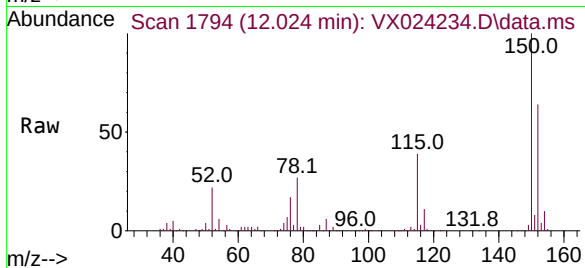




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024234.D
 Acq: 15 Sep 2021 02:30

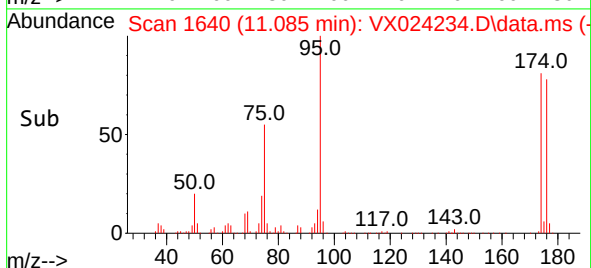
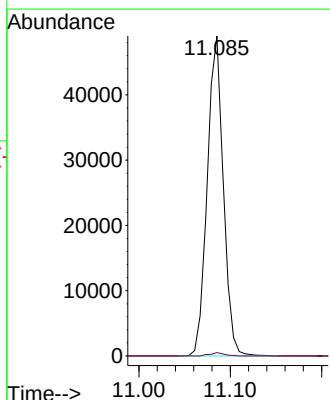
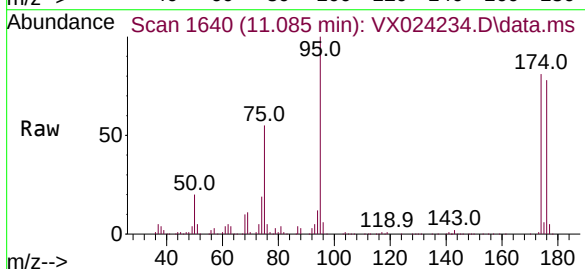
Instrument :
 MSVOA_X
 ClientSampled :
 FLOOR

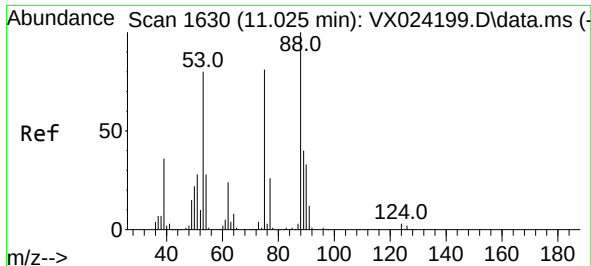
Tgt Ion:152 Resp: 103028
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 156.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.195 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024234.D
 Acq: 15 Sep 2021 02:30

Tgt Ion: 75 Resp: 59688
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

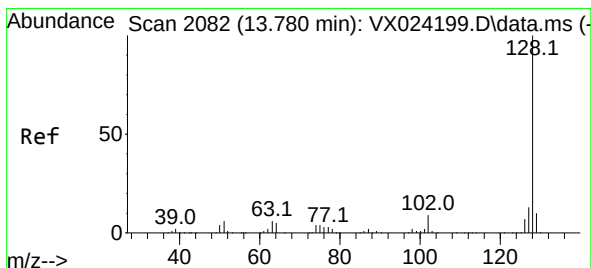
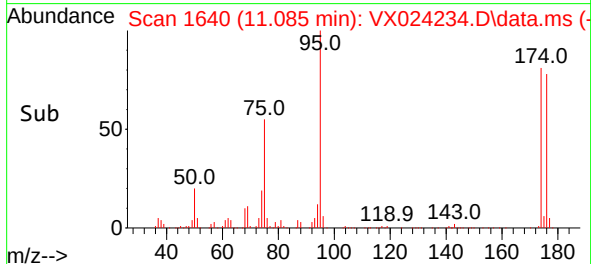
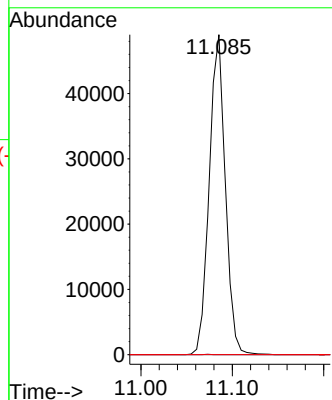
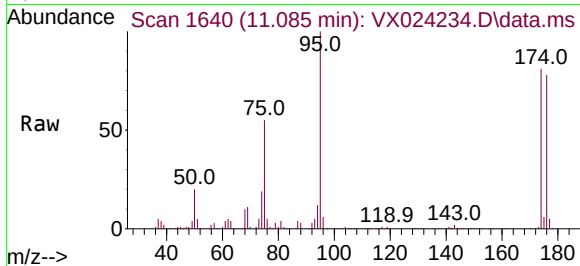




#81
trans-1,4-Dichloro-2-butene
Concen: 74.099 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Instrument :
MSVOA_X
ClientSampled :
FLOOR

Tgt Ion: 75 Resp: 59688
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.695 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024234.D
Acq: 15 Sep 2021 02:30

Tgt Ion: 128 Resp: 3082
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2

