

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024101.D
 Acq On : 03 Sep 2021 14:42
 Operator : JC/MD
 Sample : M3646-13 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1992

Quant Time: Sep 04 01:29:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

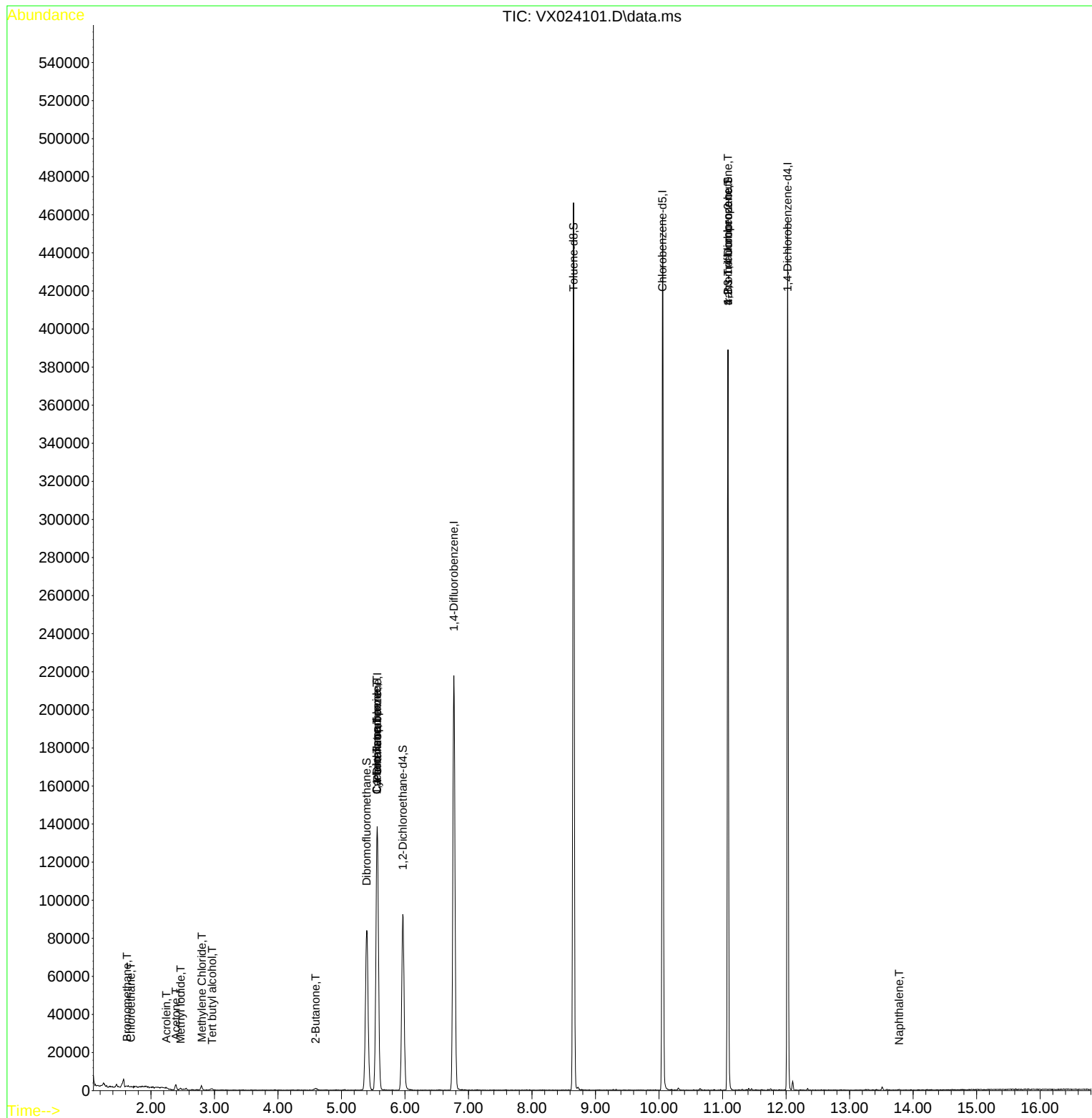
Internal Standards						
1) Pentafluorobenzene	5.562	168	128696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93847	52.248	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.500%			
35) Dibromofluoromethane	5.397	113	71194	49.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	8.653	98	262417	47.932	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.860%			
62) 4-Bromofluorobenzene	11.085	95	94257	46.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.540%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	459	0.502	ug/l #	43
6) Chloroethane	1.684	64	170	2.351	ug/l #	43
10) Methyl Iodide	2.465	142	907	0.504	ug/l #	87
11) Tert butyl alcohol	2.965	59	640	1.762	ug/l #	73
13) Acrolein	2.239	56	52	0.241	ug/l	85
16) Acetone	2.392	43	2915	3.630	ug/l	89
20) Methylene Chloride	2.800	84	921	0.600	ug/l #	85
25) 2-Butanone	4.593	43	478	0.393	ug/l #	45
31) Cyclohexane	5.556	56	2882	1.249	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	10288	5.112	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13715	6.535	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	51532	25.093	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51532	73.812	ug/l #	12
95) Naphthalene	13.780	128	554	1.366	ug/l #	69

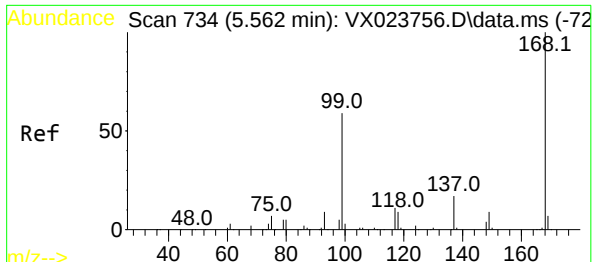
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1992

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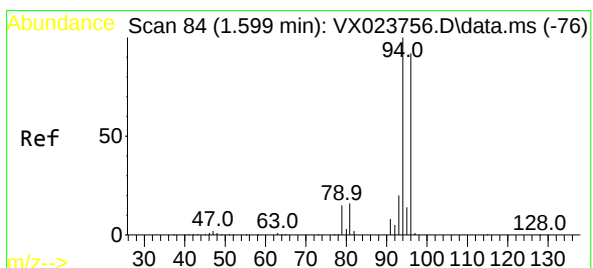
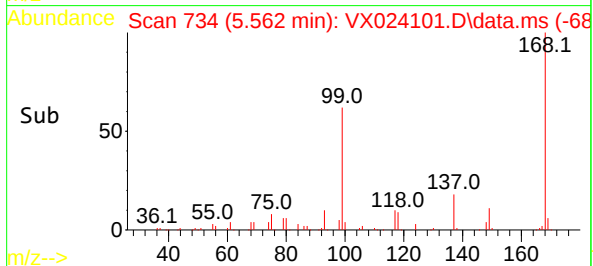
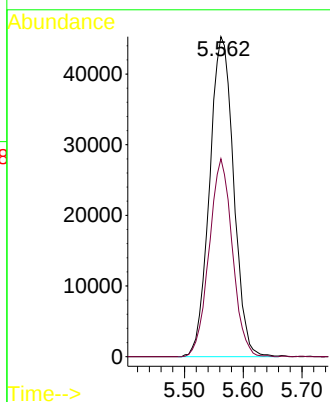
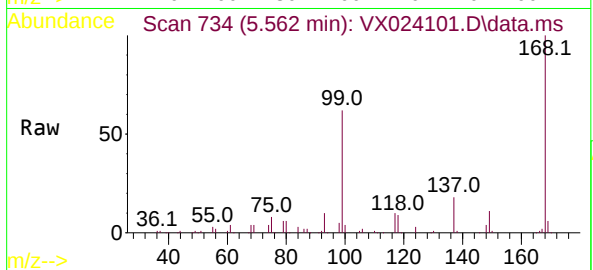




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

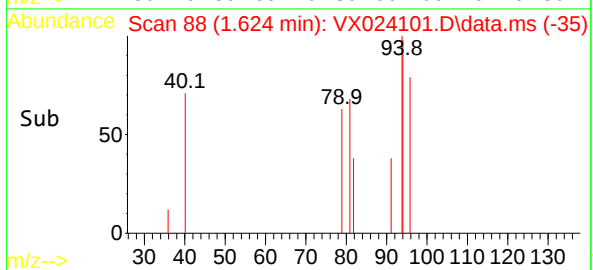
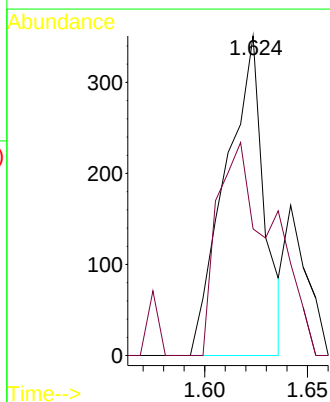
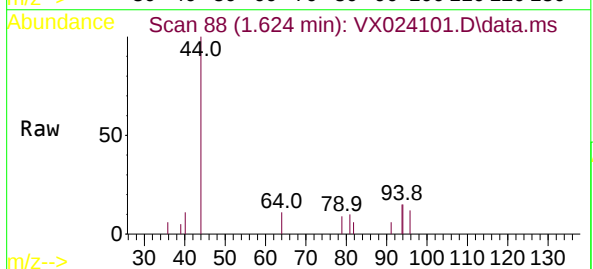
Instrument :
MSVOA_X
ClientSampleId :
1992

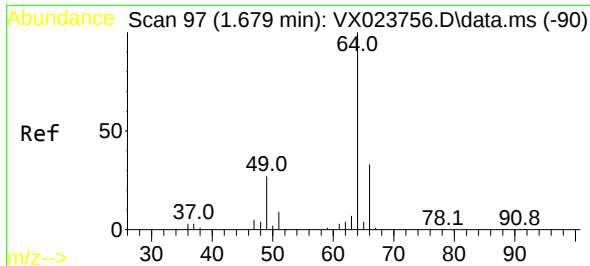
Tgt Ion:168 Resp: 128696
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#5
Bromomethane
Concen: 0.502 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 39.6 76.4 114.6#

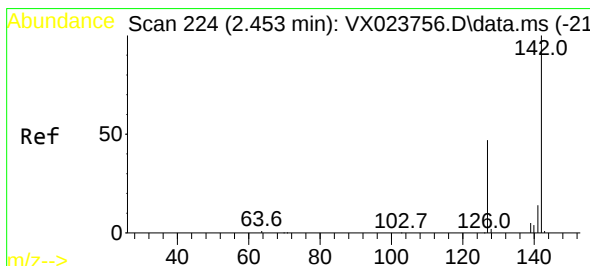
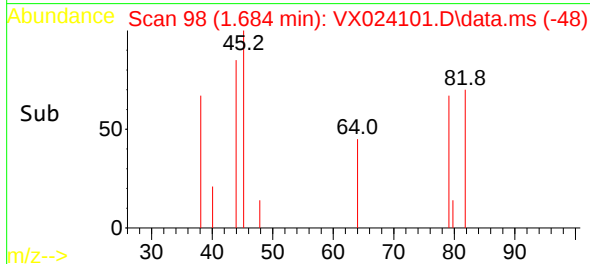
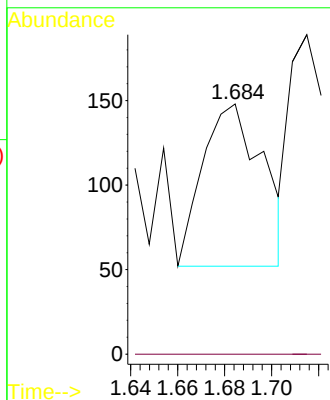
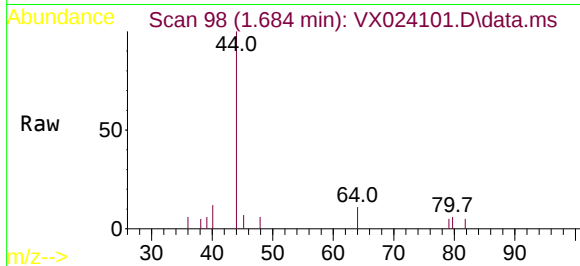




#6
Chloroethane
Concen: 2.351 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

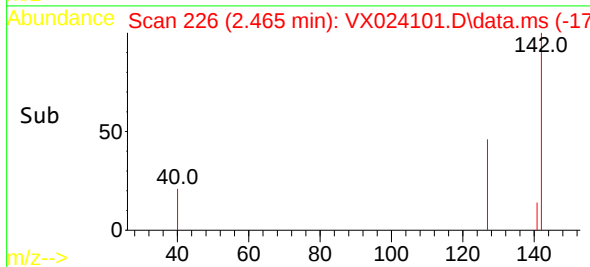
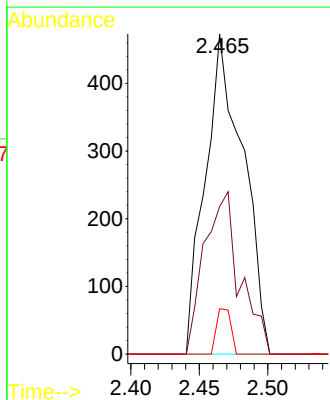
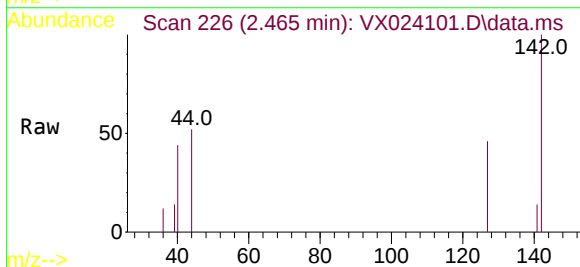
Instrument :
MSVOA_X
ClientSampled :
1992

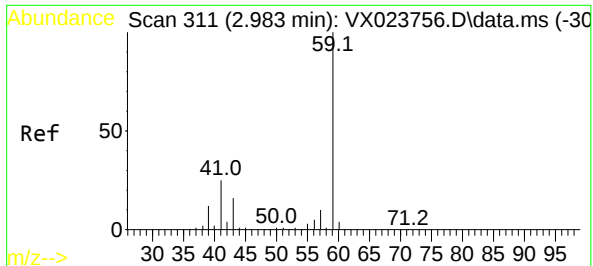
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.504 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 142 Resp: 907
Ion Ratio Lower Upper
142 100
127 47.7 33.3 49.9
141 5.3 11.4 17.0#



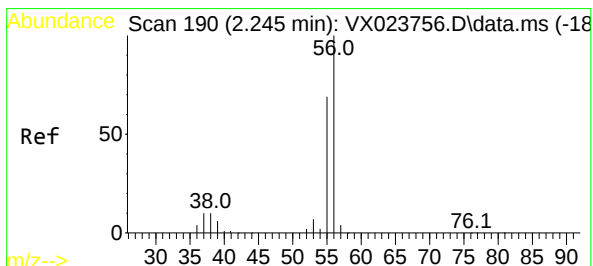
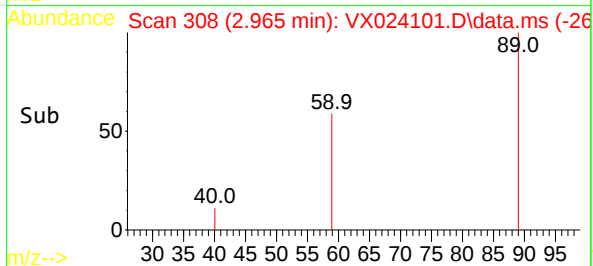
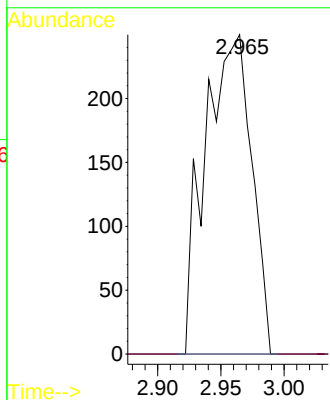
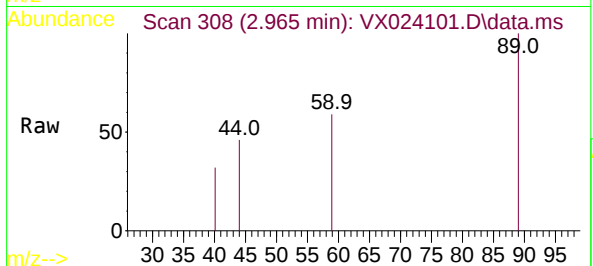


#11

Tert butyl alcohol
Concen: 1.762 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Instrument :
MSVOA_X
ClientSampled :
1992

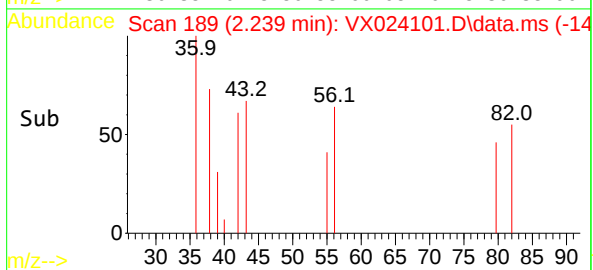
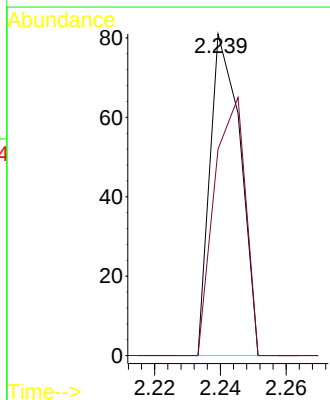
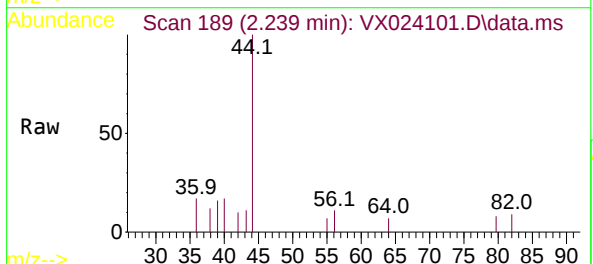
Tgt Ion: 59 Resp: 640
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

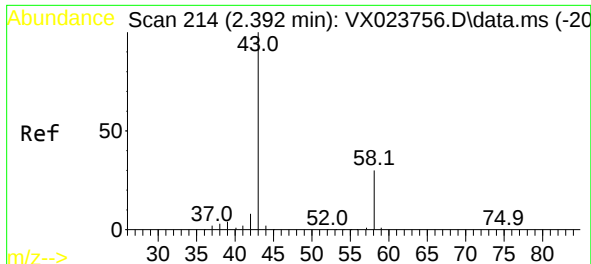


#13

Acrolein
Concen: 0.241 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 82.7 56.4 84.6

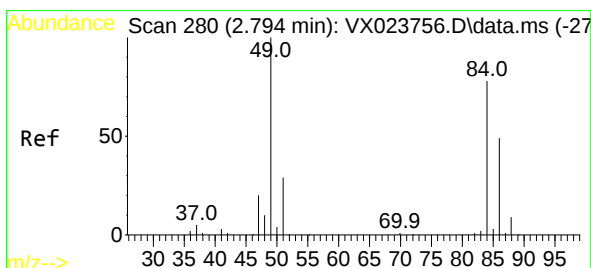
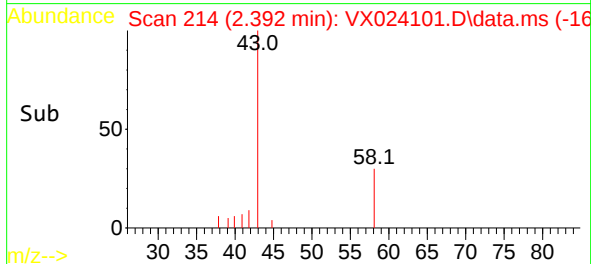
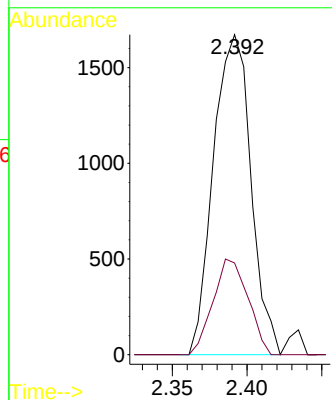
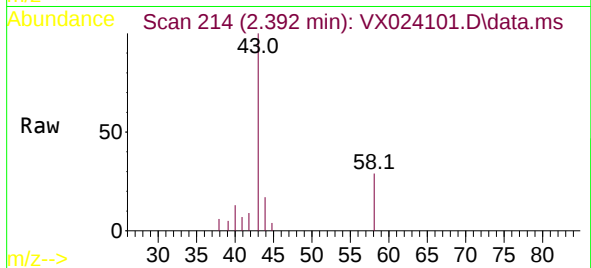




#16
Acetone
Concen: 3.630 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

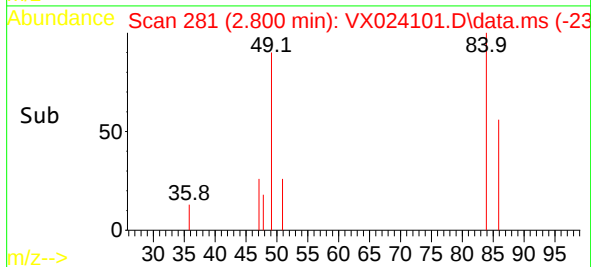
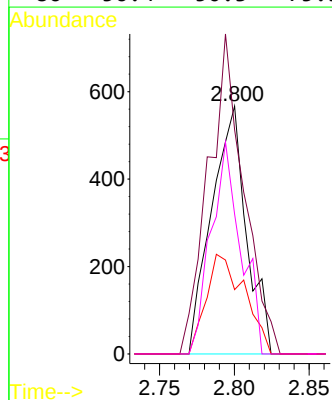
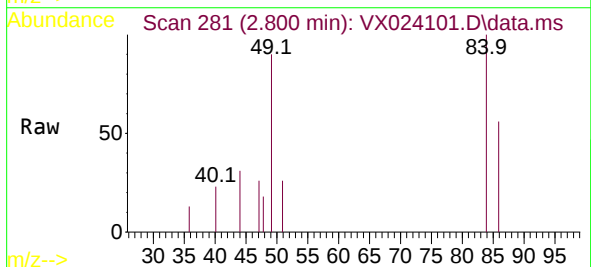
Instrument :
MSVOA_X
ClientSampleID :
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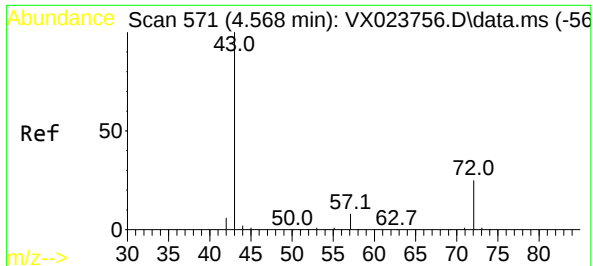
Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.600 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 84 Resp: 921
Ion Ratio Lower Upper
84 100
49 90.5 88.6 132.8
51 25.9 27.0 40.6#
86 56.4 50.3 75.5

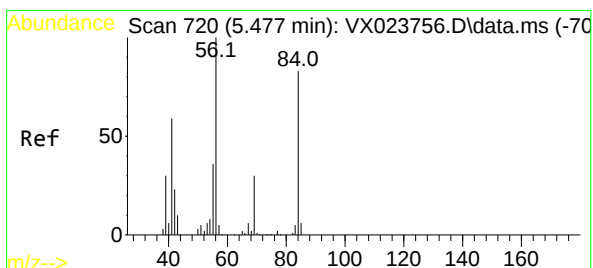
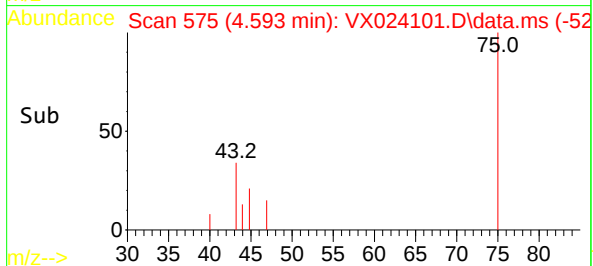
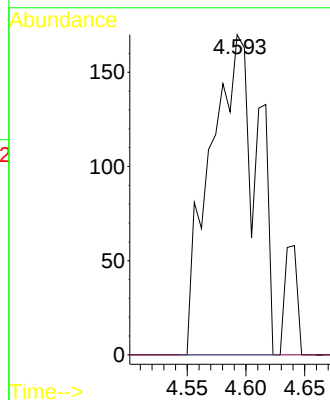
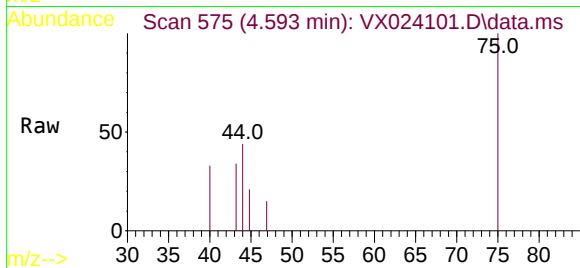




#25
2-Butanone
Concen: 0.393 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

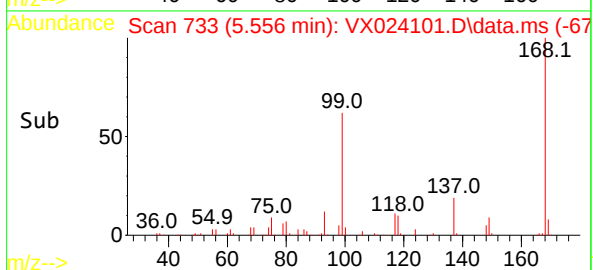
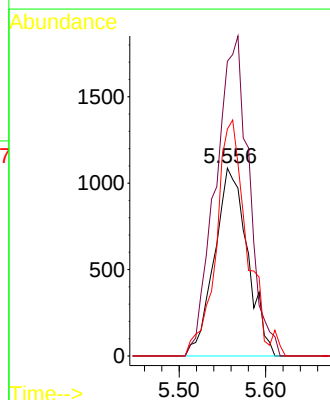
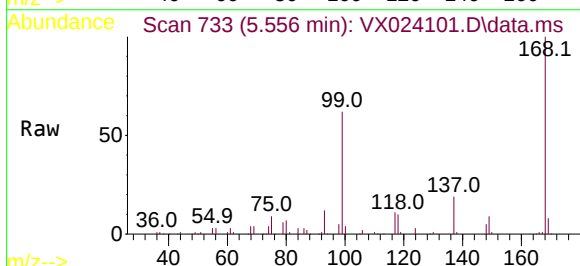
Instrument :
MSVOA_X
ClientSampled :
1992

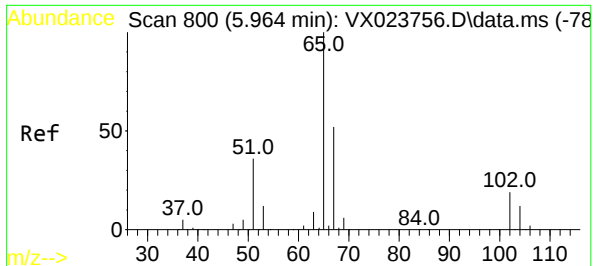
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 56 Resp: 2882
Ion Ratio Lower Upper
56 100
69 156.9 25.3 37.9#
84 120.8 71.4 107.0#



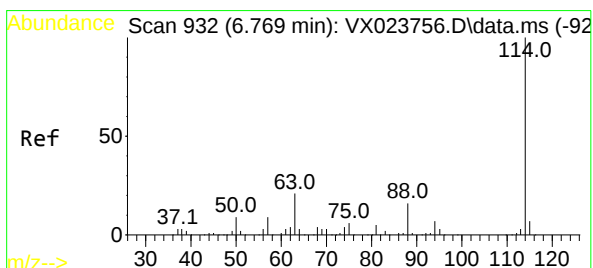
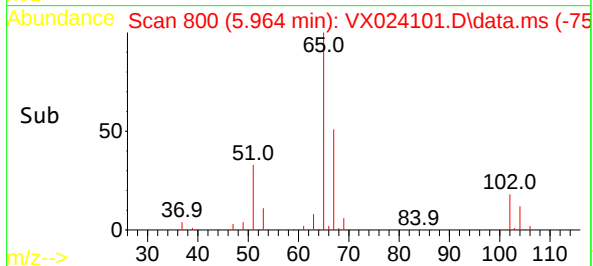
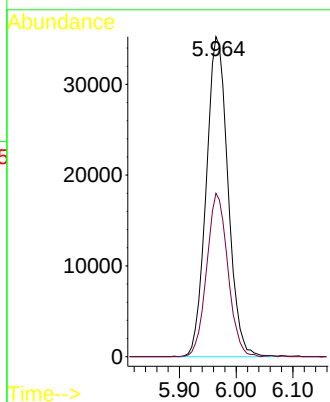
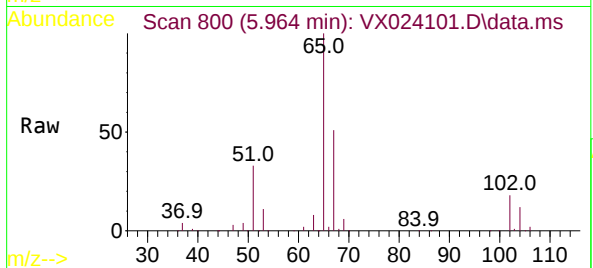


#33

1,2-Dichloroethane-d4
Concen: 52.248 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Instrument :
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ClientSampleId :
1992

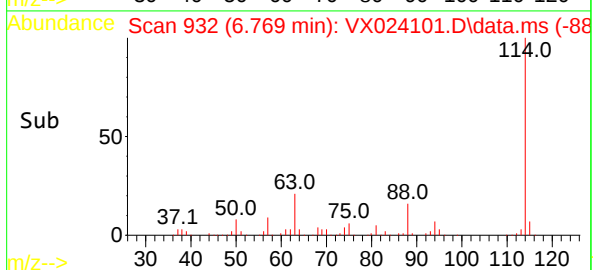
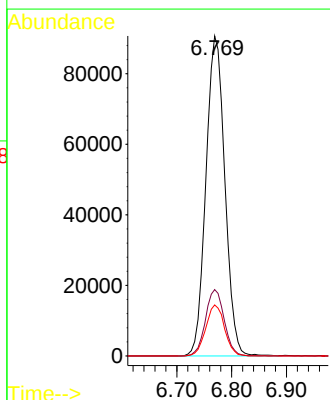
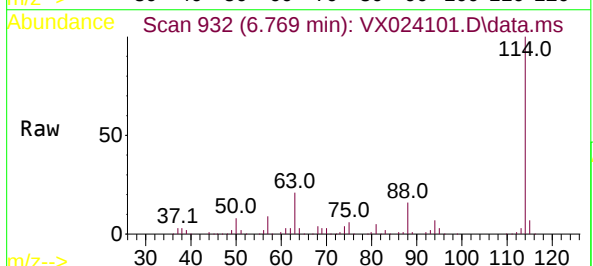
Tgt Ion: 65 Resp: 93847
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

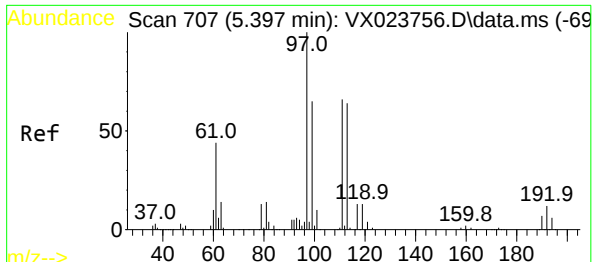


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 114 Resp: 217326
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.9 0.0 32.8

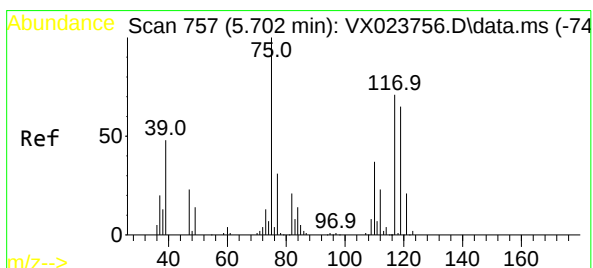
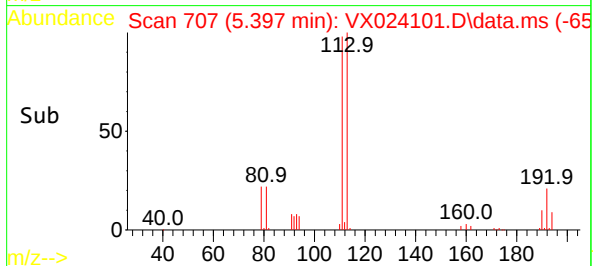
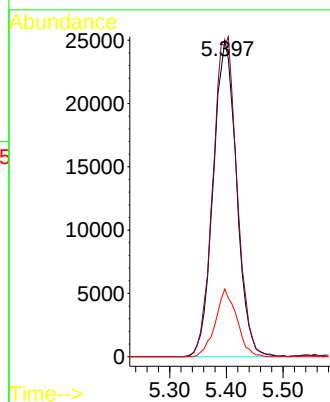
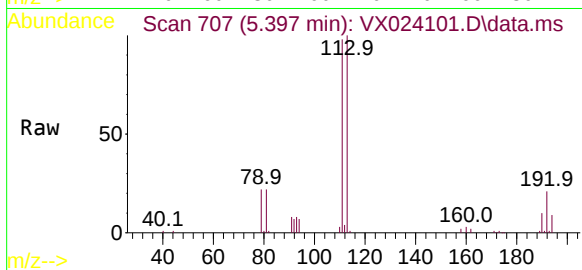




#35
Dibromofluoromethane
Concen: 49.494 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

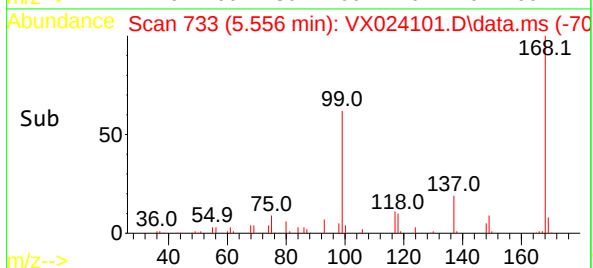
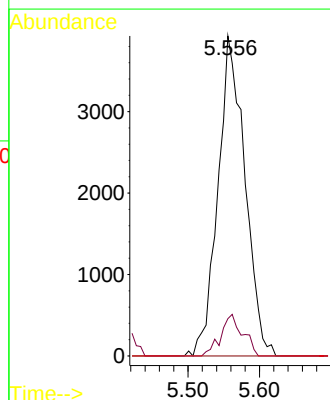
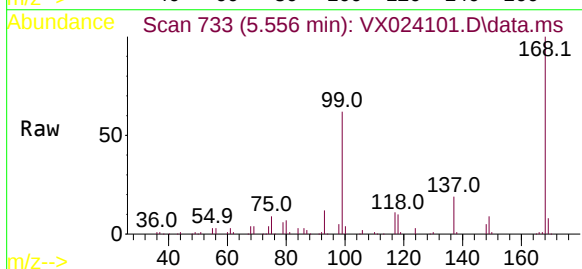
Instrument :
MSVOA_X
ClientSampleId :
1992

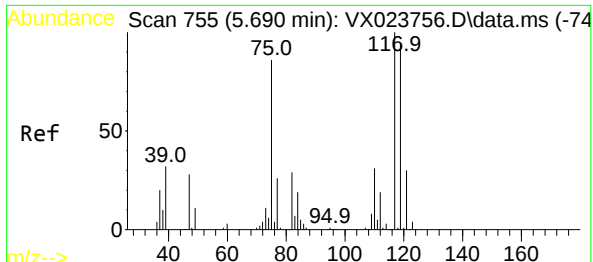
Tgt Ion:113 Resp: 71194
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

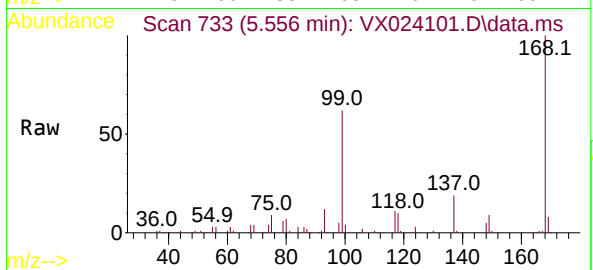
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Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.4#
77 0.0 25.3 37.9#



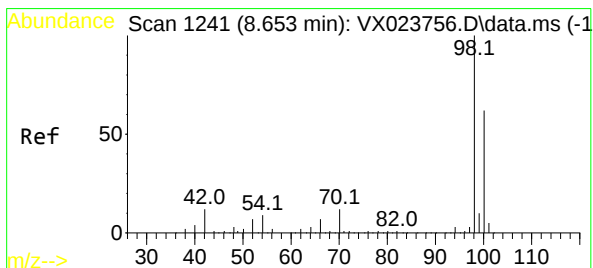
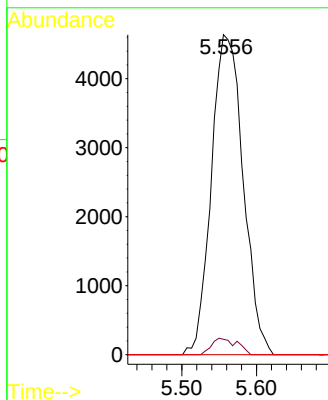
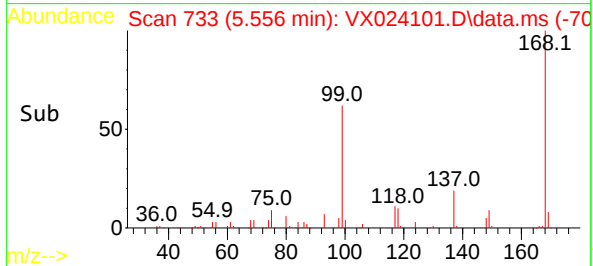


#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

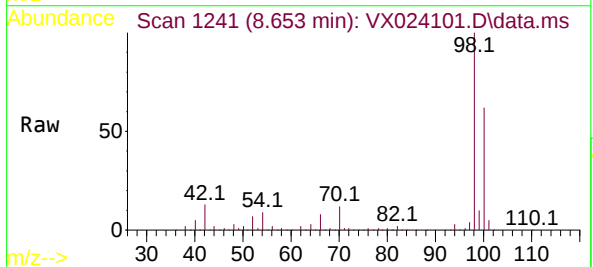
Instrument :
MSVOA_X
ClientSampled :
1992



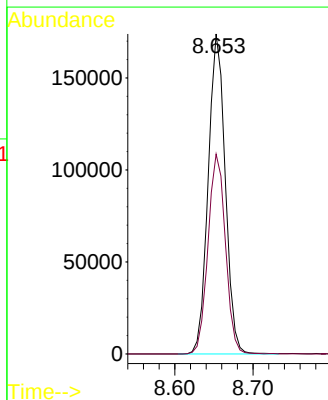
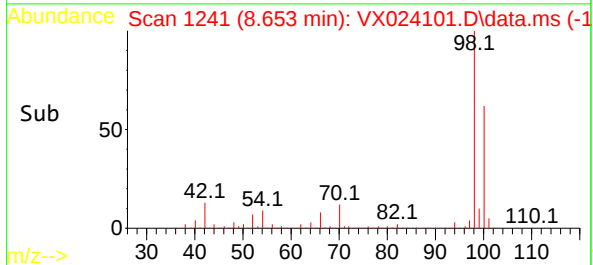
Tgt Ion:117 Resp: 13715
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

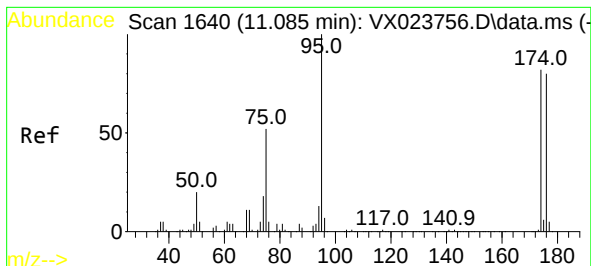


#50
Toluene-d8
Concen: 47.932 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42



Tgt Ion: 98 Resp: 262417
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

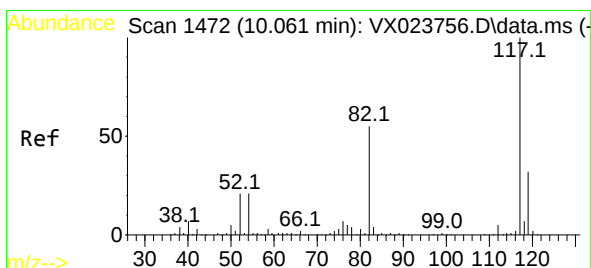
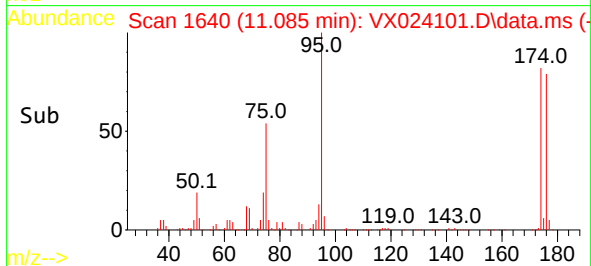
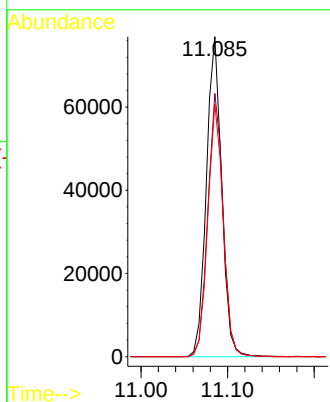
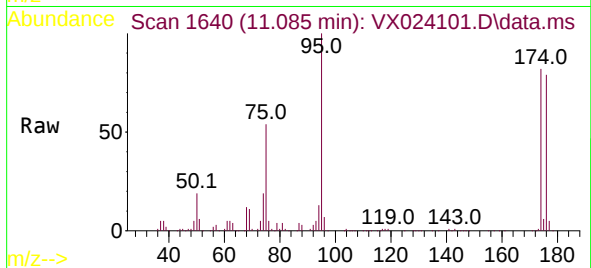




#62
4-Bromofluorobenzene
Concen: 46.769 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

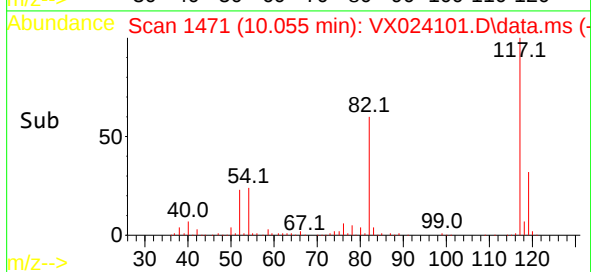
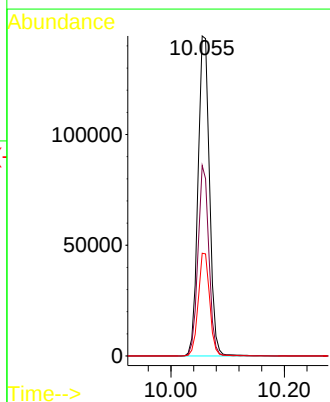
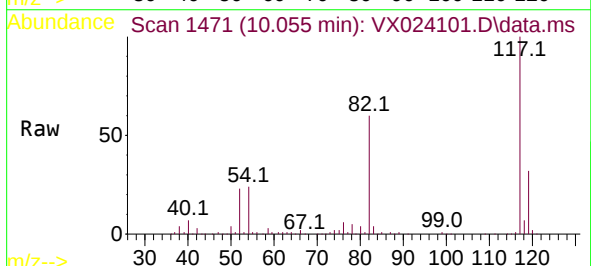
Instrument :
MSVOA_X
ClientSampleId :
1992

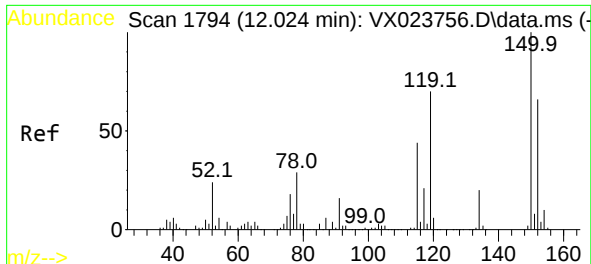
Tgt Ion: 95 Resp: 94257
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 117 Resp: 203235
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.1 26.6 39.8

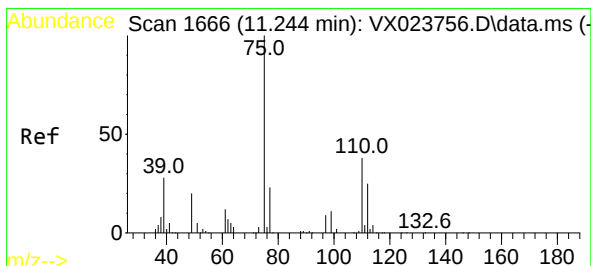
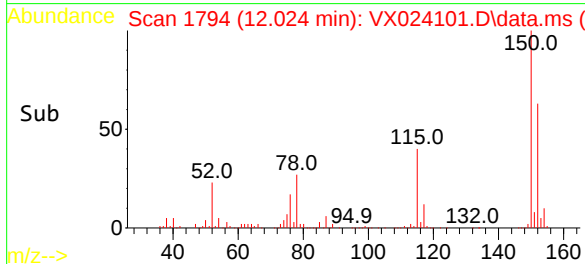
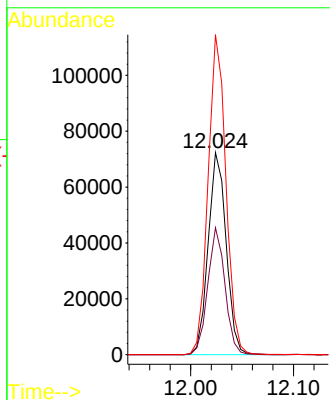
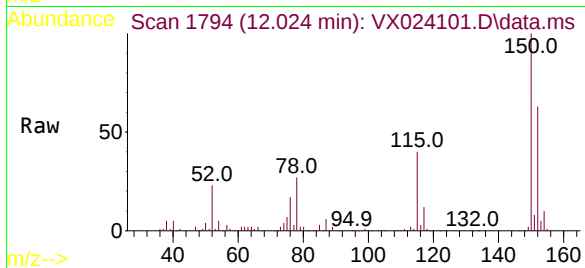




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

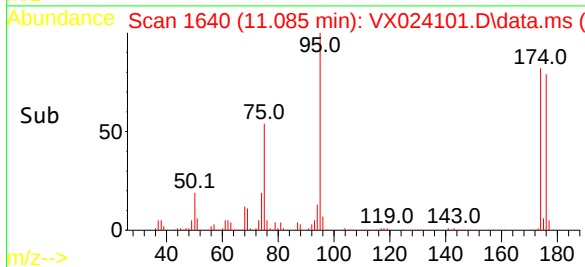
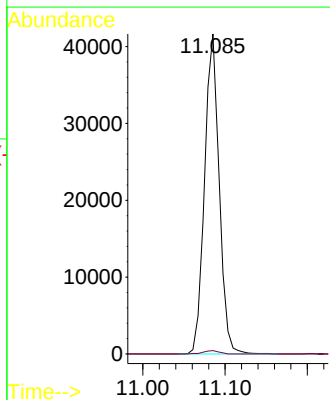
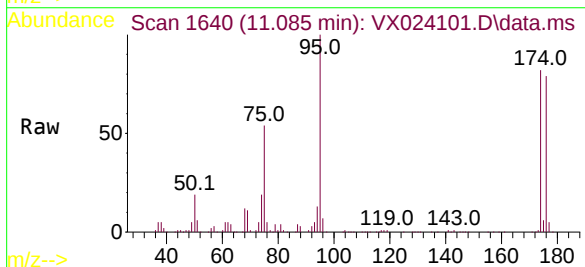
Instrument :
MSVOA_X
ClientSampled :
1992

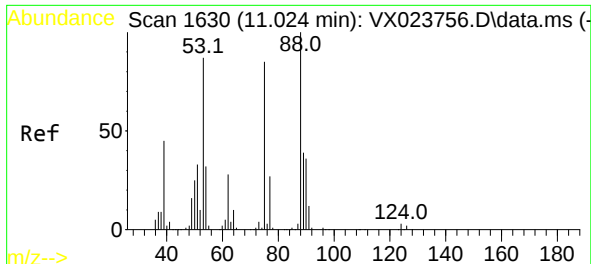
Tgt Ion:152 Resp: 88036
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.093 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 75 Resp: 51532
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

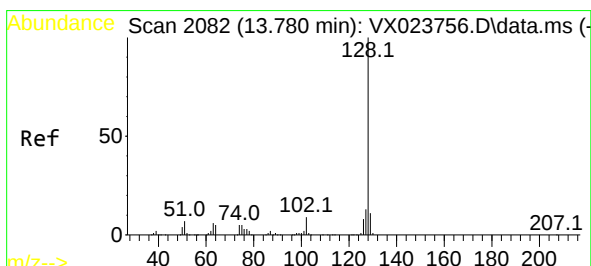
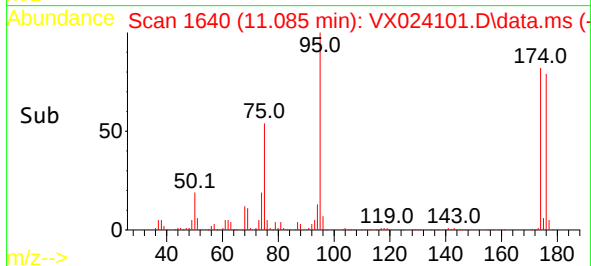
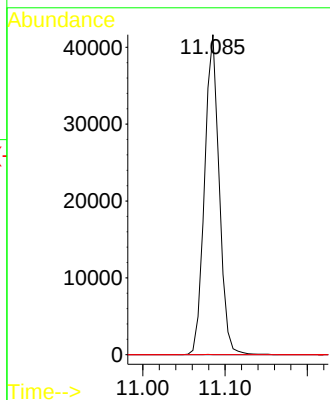
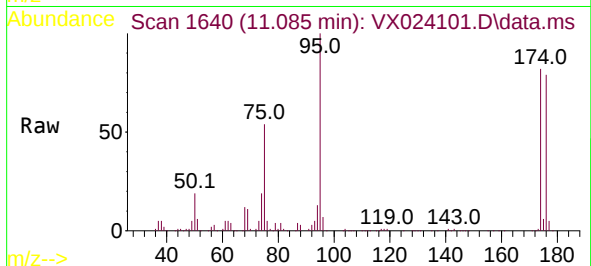




#81
trans-1,4-Dichloro-2-butene
Concen: 73.812 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Instrument :
MSVOA_X
ClientSampled :
1992

Tgt Ion: 75 Resp: 51532
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.366 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024101.D
Acq: 03 Sep 2021 14:42

Tgt Ion: 128 Resp: 554
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

