

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024408.D
 Acq On : 22 Sep 2021 01:03
 Operator : JC/MD
 Sample : M3833-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

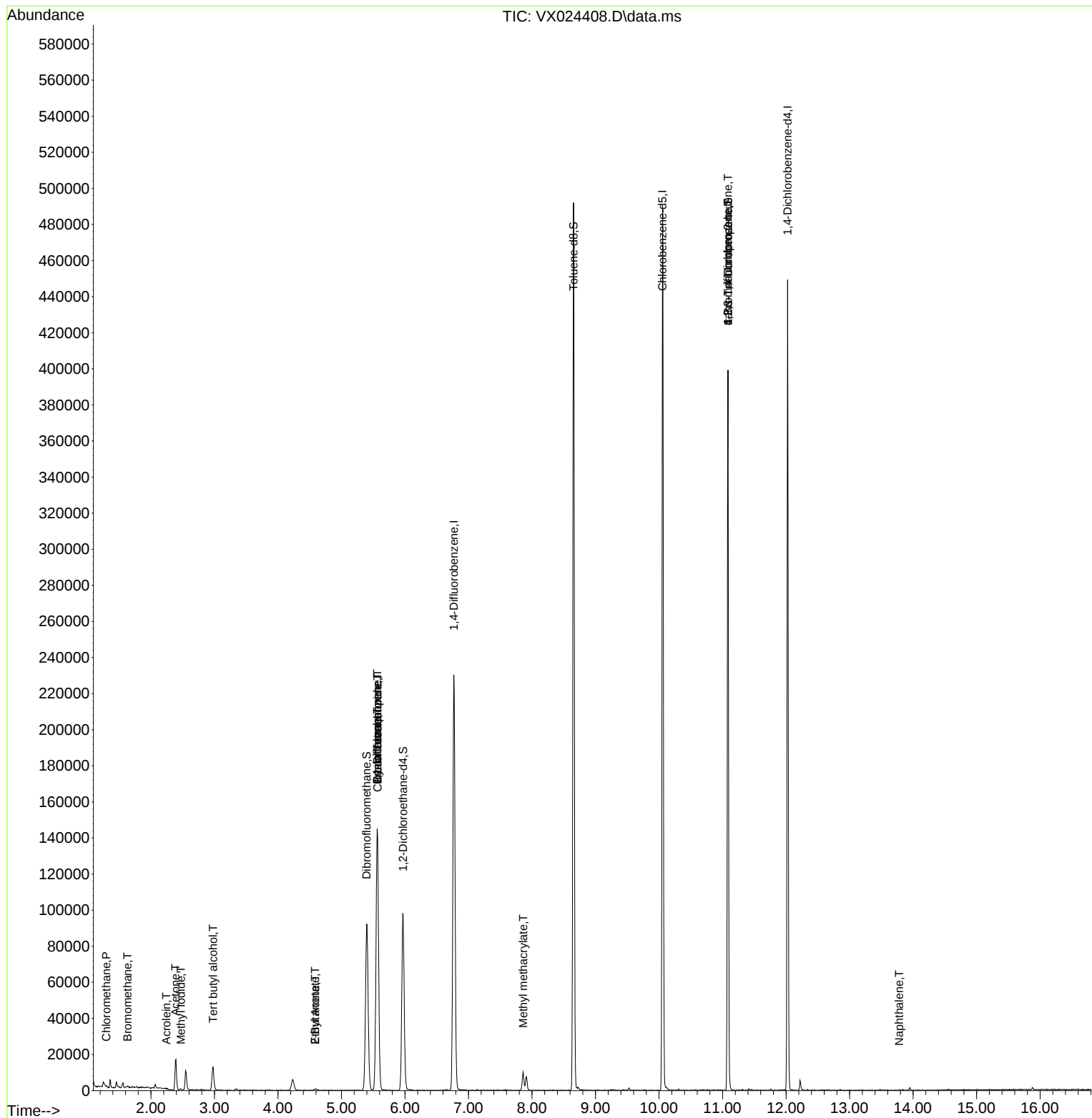
Internal Standards						
1) Pentafluorobenzene	5.562	168	133026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	98791	52.080	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.160%			
35) Dibromofluoromethane	5.397	113	76984	50.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	8.653	98	282039	50.567	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.085	95	99670	45.919	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.840%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	397	0.297	ug/l	99
5) Bromomethane	1.630	94	635	0.803	ug/l #	73
10) Methyl Iodide	2.471	142	732	0.404	ug/l #	91
11) Tert butyl alcohol	2.977	59	13819	14.642	ug/l	99
13) Acrolein	2.239	56	49	0.392	ug/l #	14
16) Acetone	2.386	43	18329	22.661	ug/l #	87
25) 2-Butanone	4.587	43	1040	0.873	ug/l #	45
31) Cyclohexane	5.562	56	3157	1.423	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	10332	4.922	ug/l #	51
37) Ethyl Acetate	4.587	43	1040	0.425	ug/l #	64
38) Carbon Tetrachloride	5.568	117	14079	5.960	ug/l #	16
48) Methyl methacrylate	7.860	41	4200	2.162	ug/l #	34
76) 1,2,3-Trichloropropane	11.085	75	54415	26.862	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54415	79.001	ug/l #	12
95) Naphthalene	13.780	128	226	1.322	ug/l #	81

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

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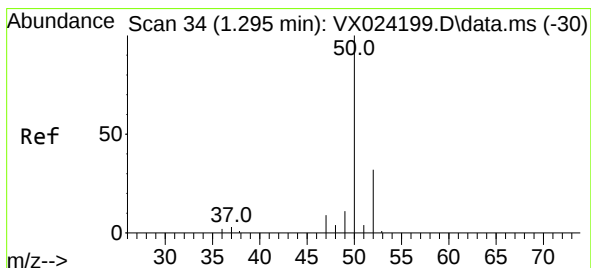
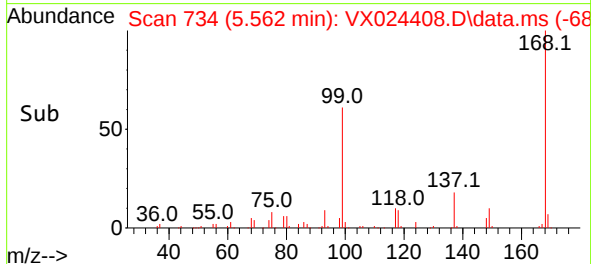
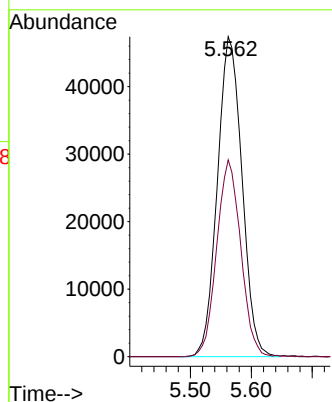
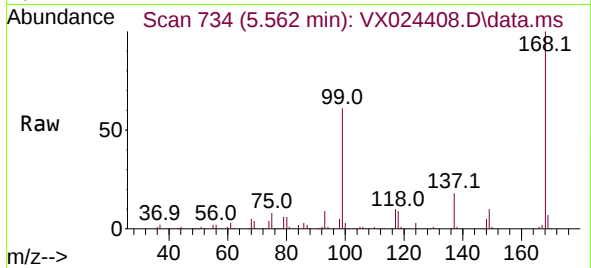




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

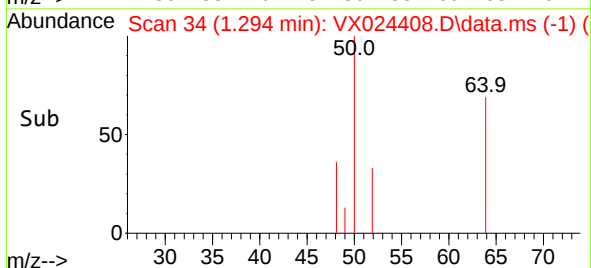
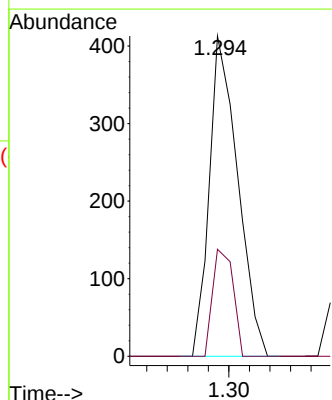
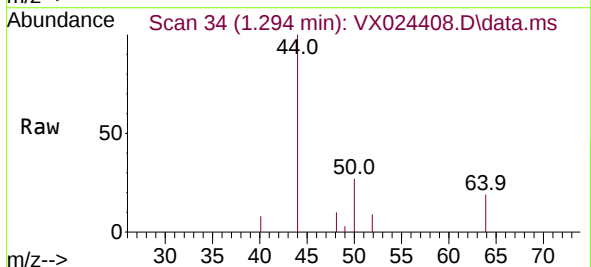
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 133026
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 33.4 26.4 39.6

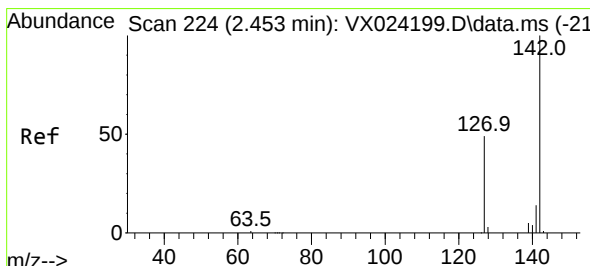
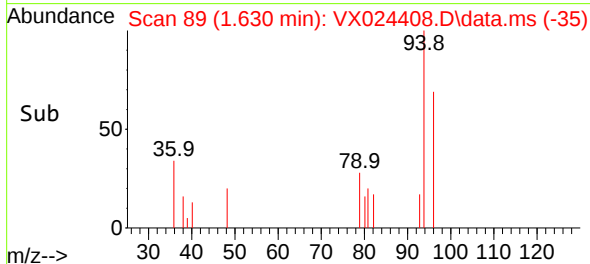
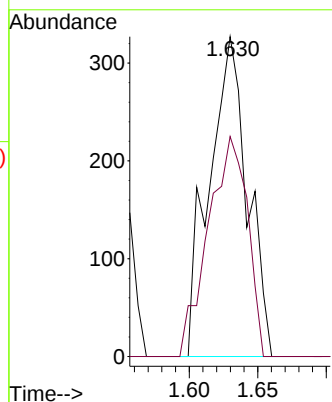
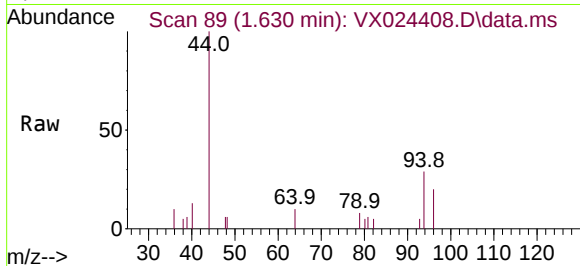




#5
Bromomethane
Concen: 0.803 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

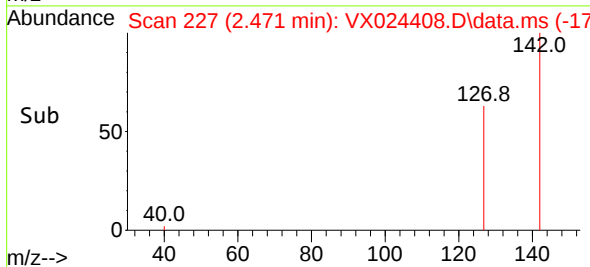
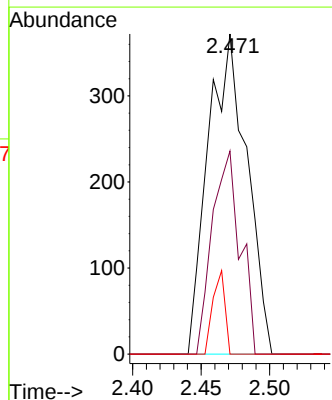
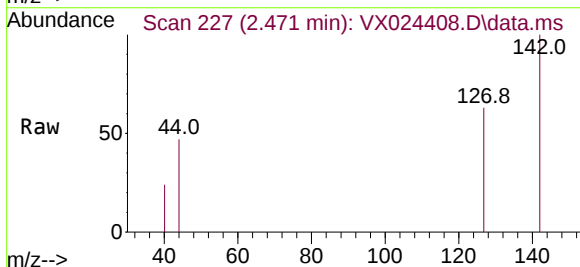
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 94 Resp: 635
Ion Ratio Lower Upper
94 100
96 68.8 76.4 114.6#



#10
Methyl Iodide
Concen: 0.404 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion: 142 Resp: 732
Ion Ratio Lower Upper
142 100
127 45.8 33.3 49.9
141 8.2 11.4 17.0#



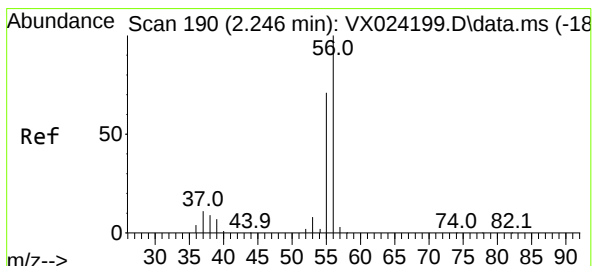
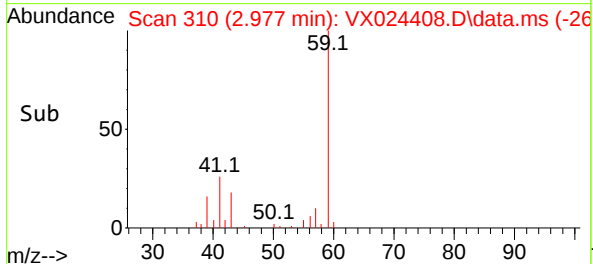
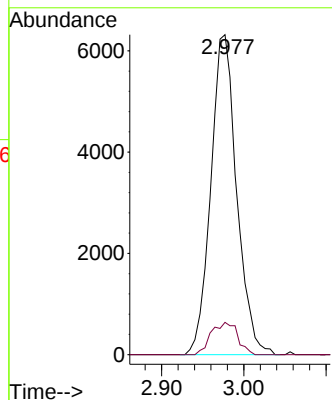
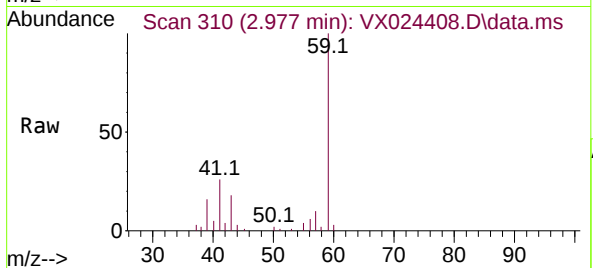


#11

Tert butyl alcohol
Concen: 14.642 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Instrument :
MSVOA_N
ClientSampled :

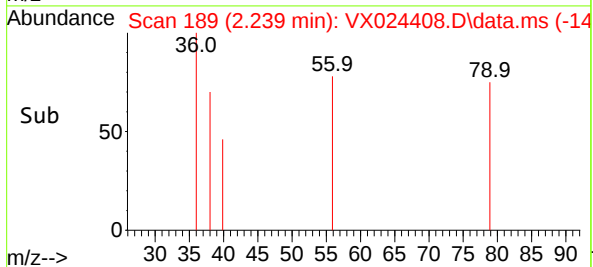
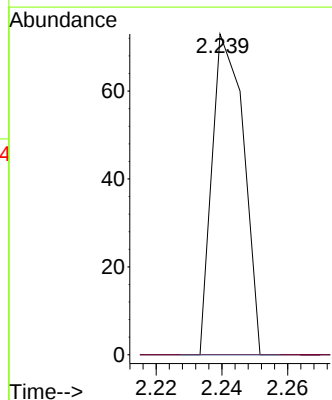
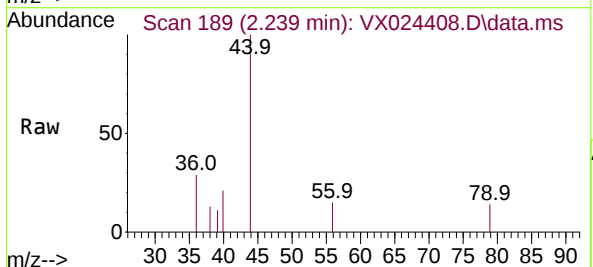
Tgt Ion: 59 Resp: 13819
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

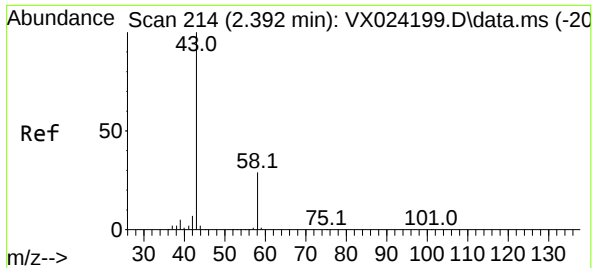


#13

Acrolein
Concen: 0.392 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

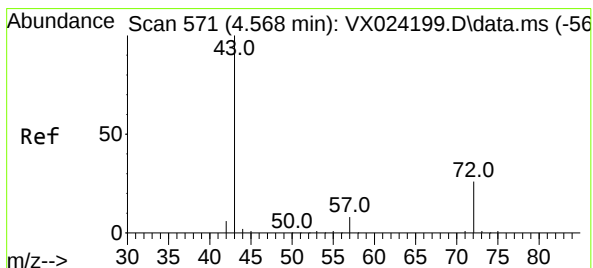
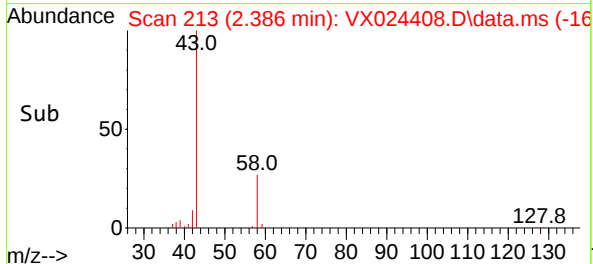
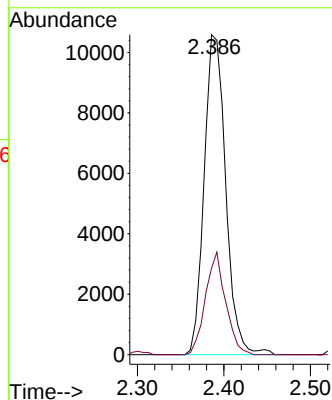
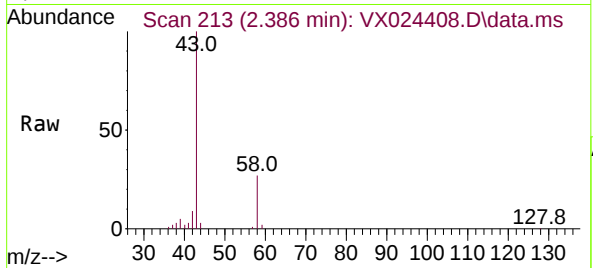




#16
Acetone
Concen: 22.661 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

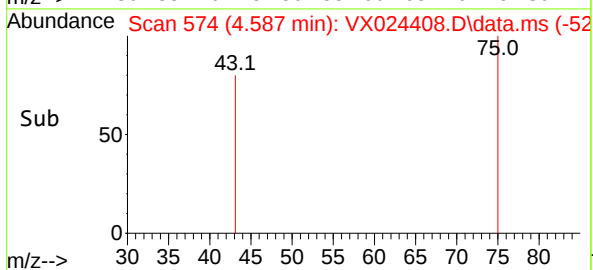
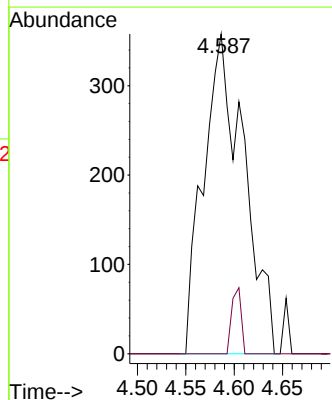
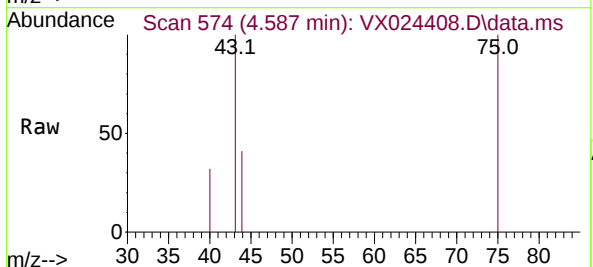
Instrument :
MSVOA_N
ClientSampled :

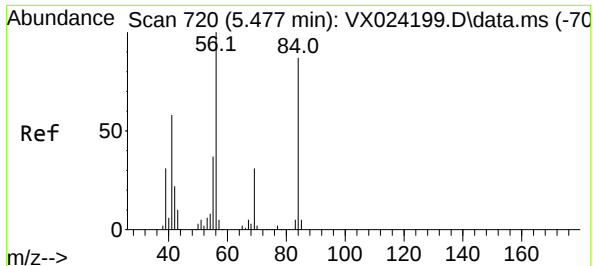
Tgt Ion: 43 Resp: 18329
Ion Ratio Lower Upper
43 100
58 27.0 27.8 41.8#



#25
2-Butanone
Concen: 0.873 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

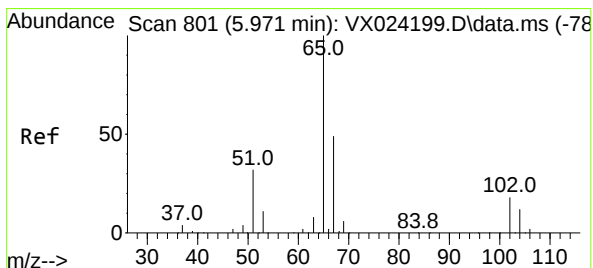
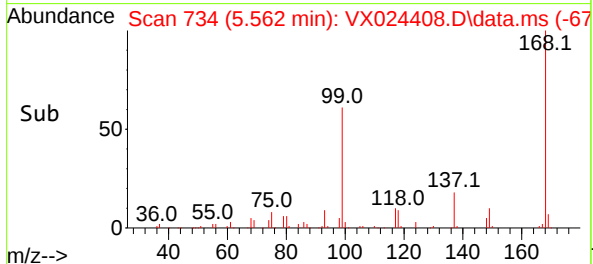
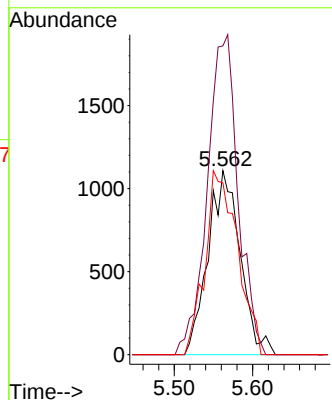
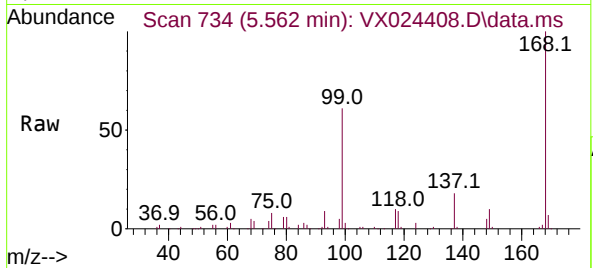




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

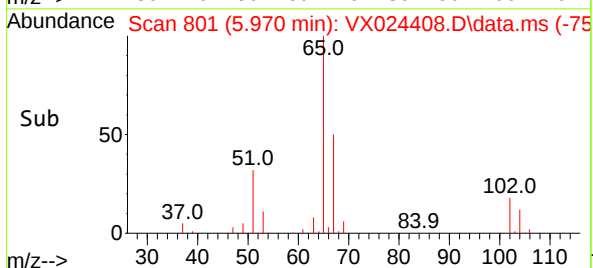
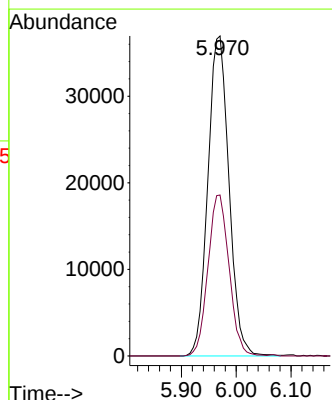
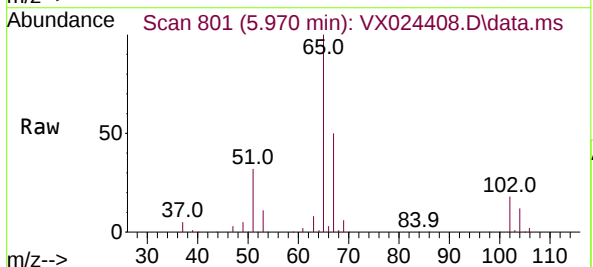
Instrument :
MSVOA_N
ClientSampled :

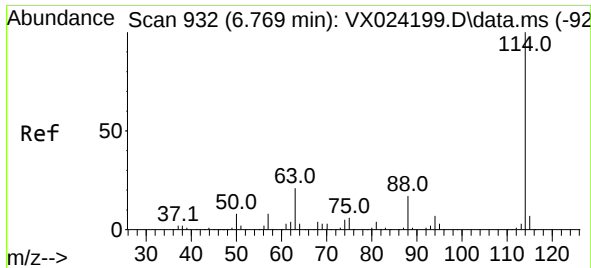
Tgt Ion: 56 Resp: 3157
Ion Ratio Lower Upper
56 100
69 167.9 25.3 37.9#
84 93.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.080 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion: 65 Resp: 98791
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

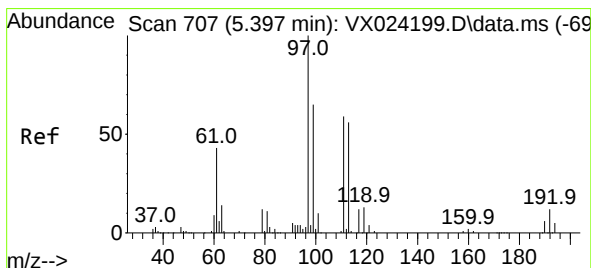
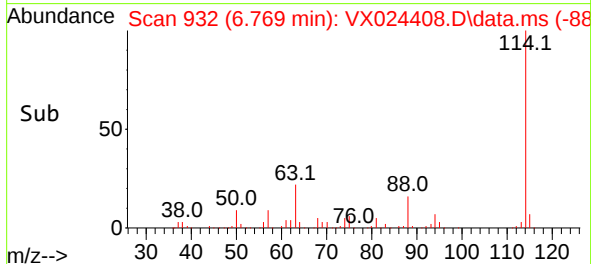
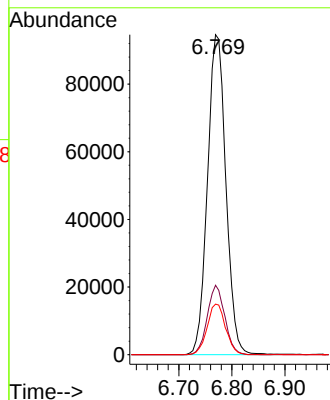
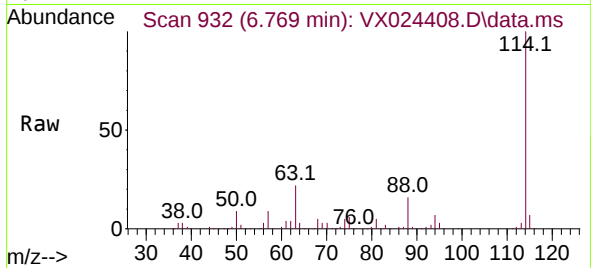




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

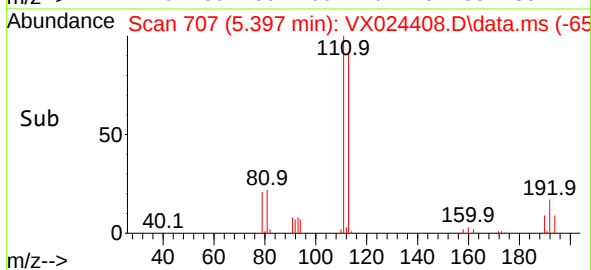
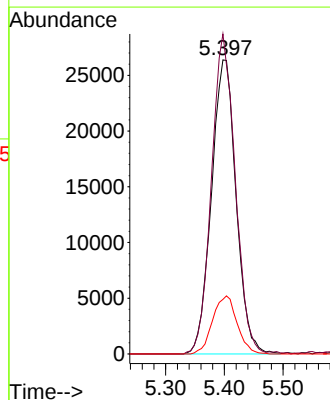
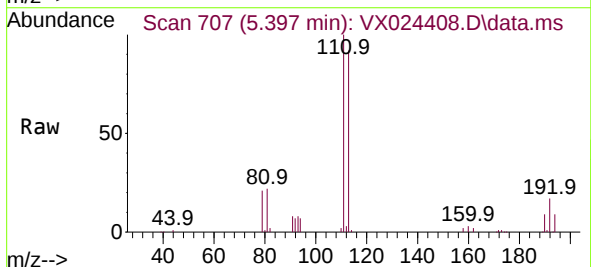
Instrument :
MSVOA_N
ClientSampled :

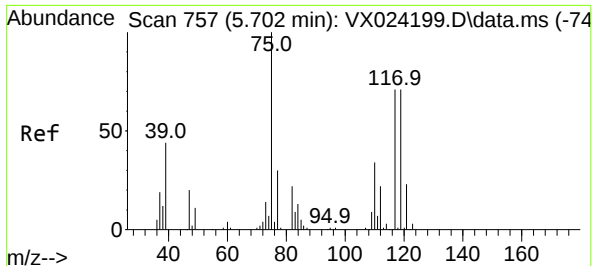
Tgt Ion:114 Resp: 228294
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.282 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

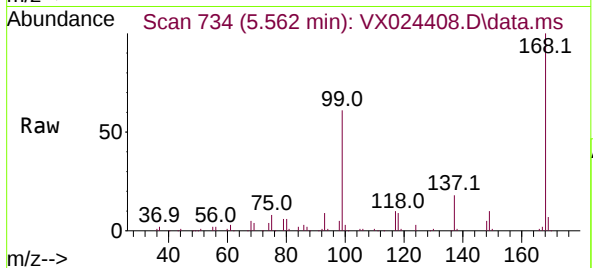
Tgt Ion:113 Resp: 76984
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 19.6 16.7 25.1



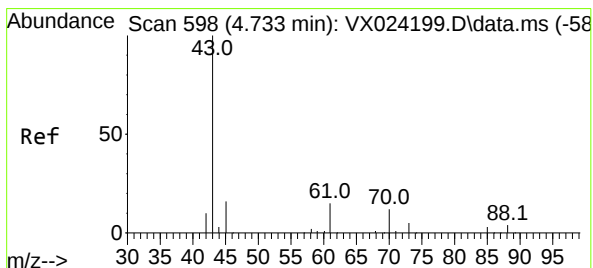
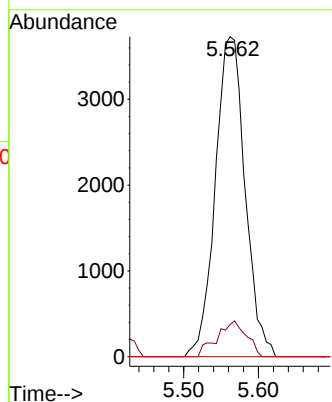
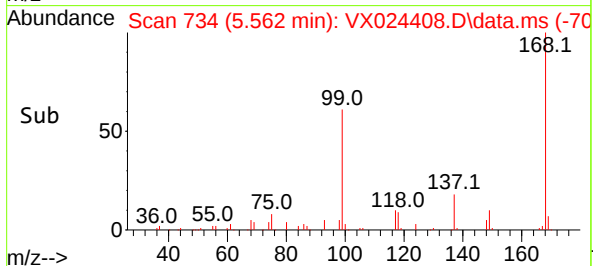


#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

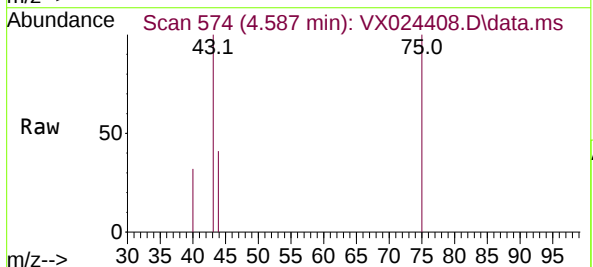
Instrument :
MSVOA_N
ClientSampled :



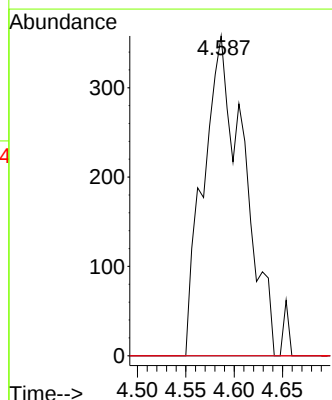
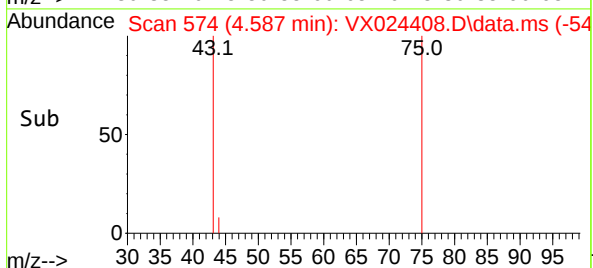
Tgt Ion: 75 Resp: 10332
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.4#
77 0.0 25.3 37.9#

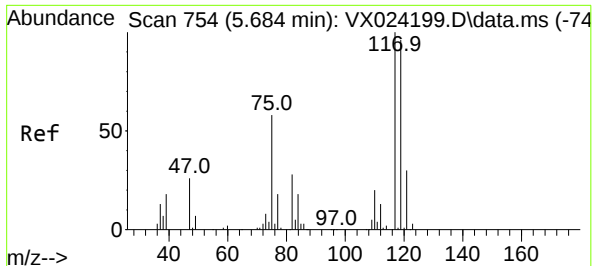


#37
Ethyl Acetate
Concen: 0.425 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.146 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03



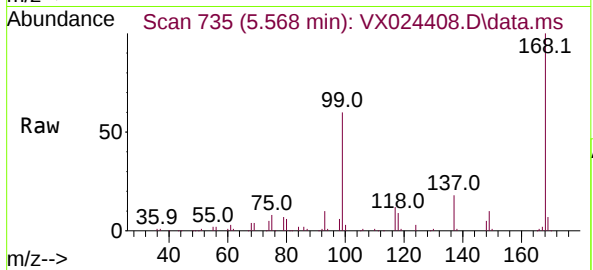
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



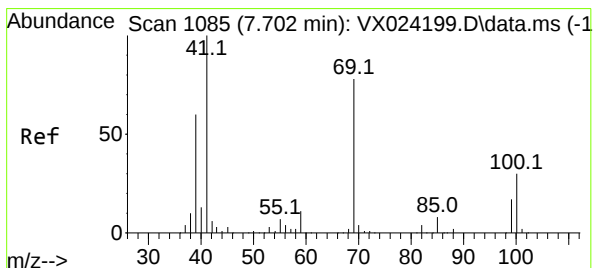
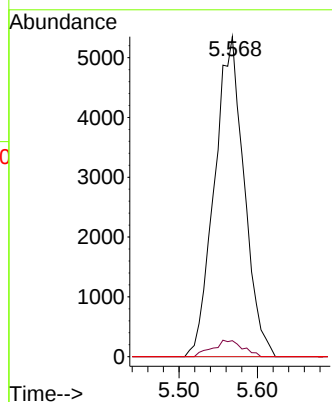
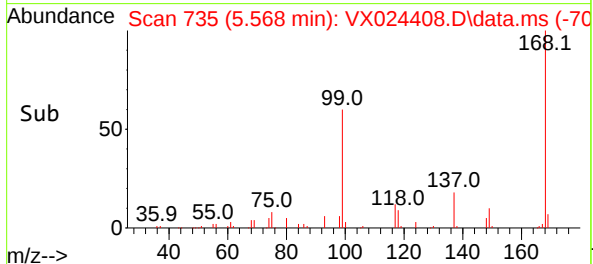


#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

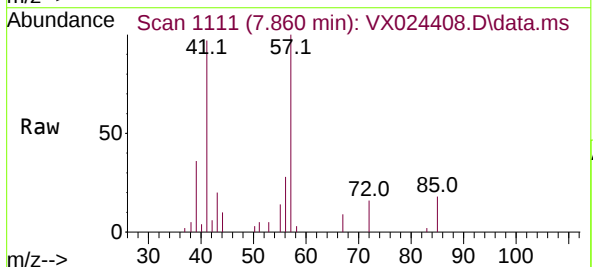
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MSVOA_N
ClientSampled :



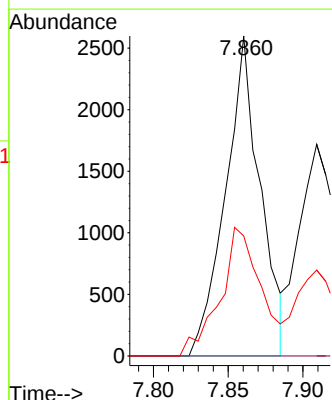
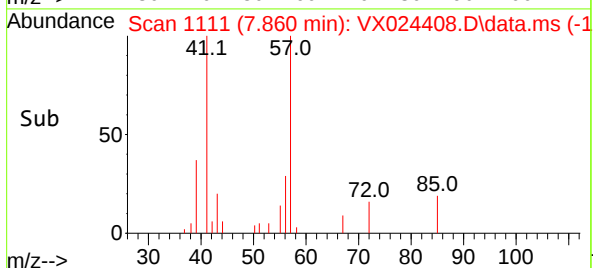
Tgt Ion:117 Resp: 14079
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

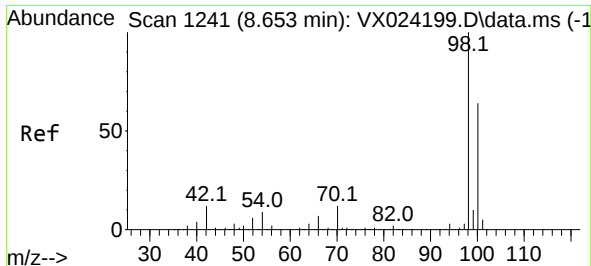


#48
Methyl methacrylate
Concen: 2.162 ug/l
RT: 7.860 min Scan# 1111
Delta R.T. 0.158 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03



Tgt Ion: 41 Resp: 4200
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 46.9 44.6 67.0

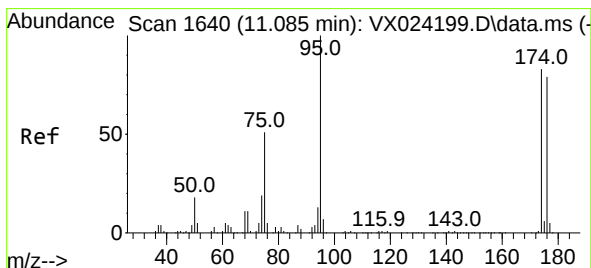
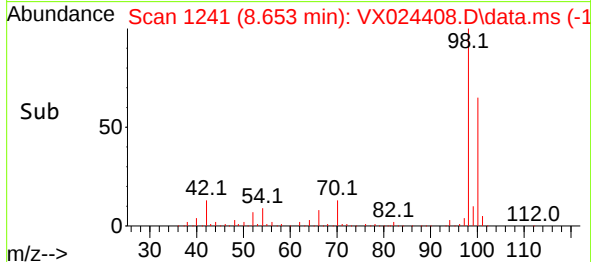
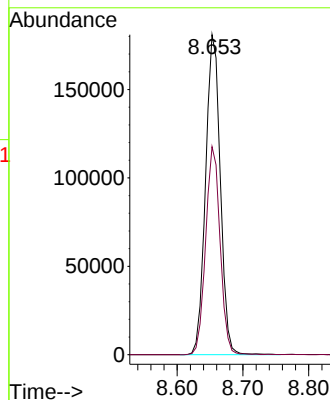
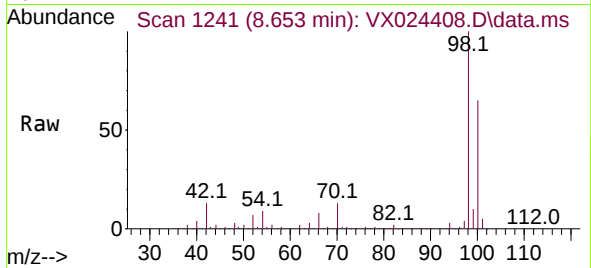




#50
Toluene-d8
Concen: 50.567 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

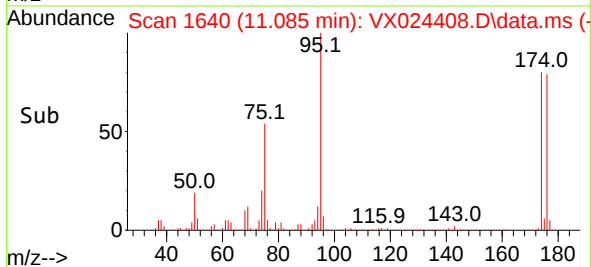
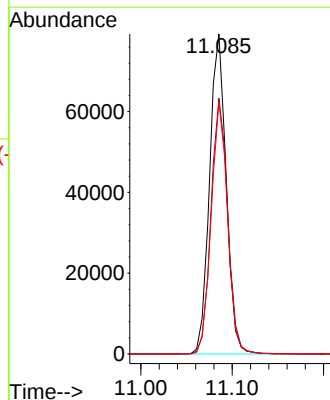
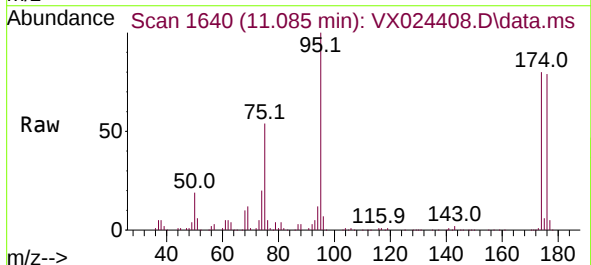
Instrument :
MSVOA_N
ClientSampled :

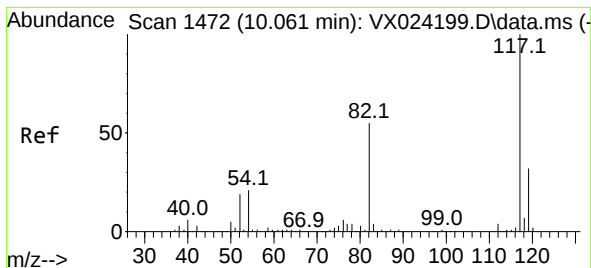
Tgt Ion: 98 Resp: 282039
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion: 95 Resp: 99670
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.5 0.0 155.8

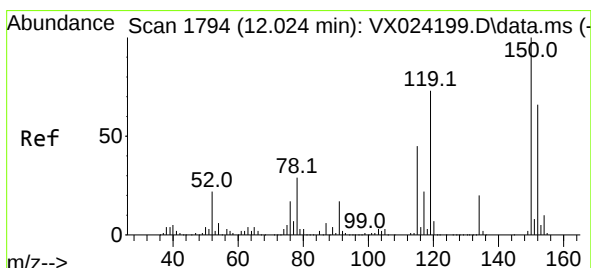
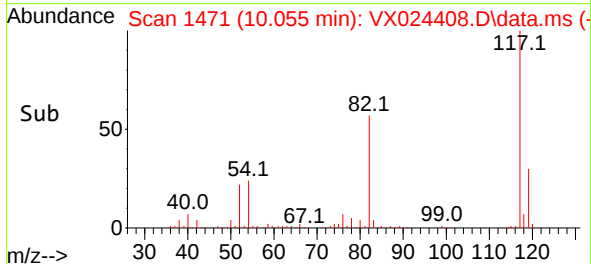
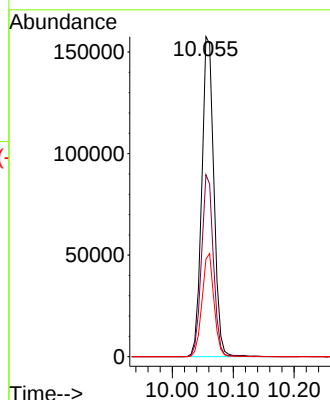
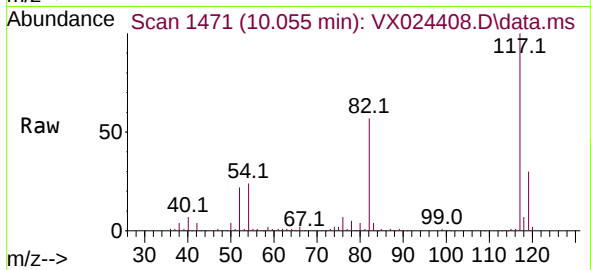




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

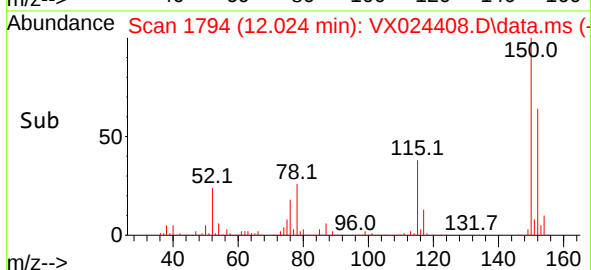
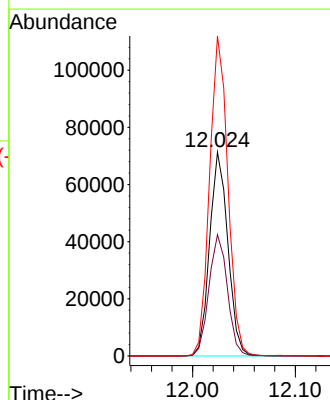
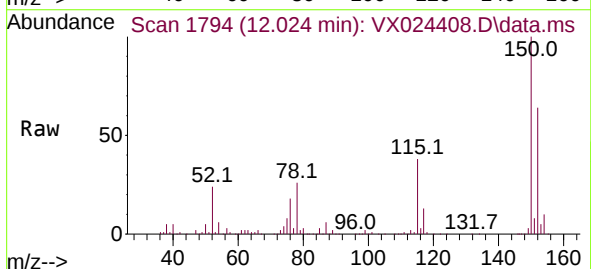
Instrument :
MSVOA_N
ClientSampled :

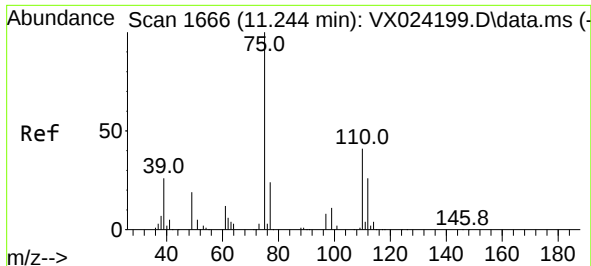
Tgt Ion:117 Resp: 218026
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 30.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Tgt Ion:152 Resp: 88098
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.1 0.0 349.0

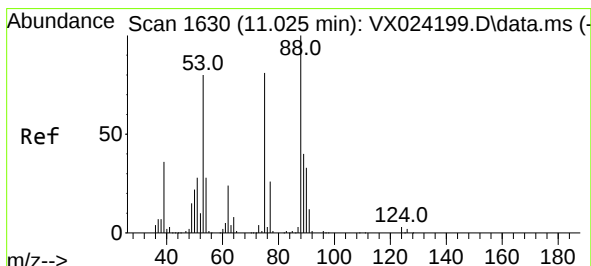
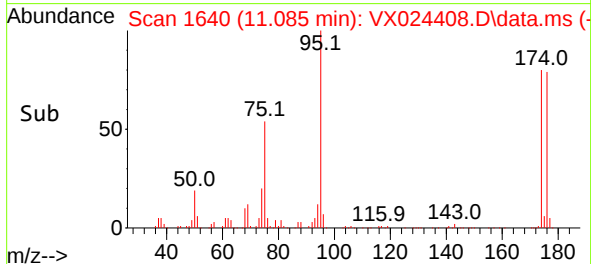
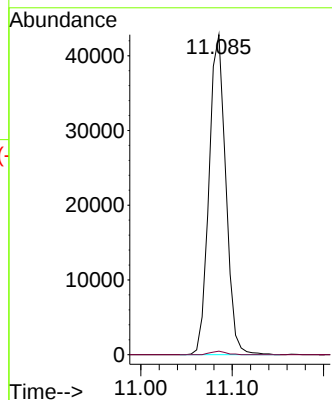
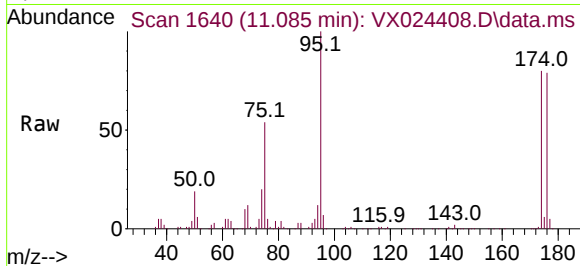




#76
1,2,3-Trichloropropane
Concen: 26.862 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

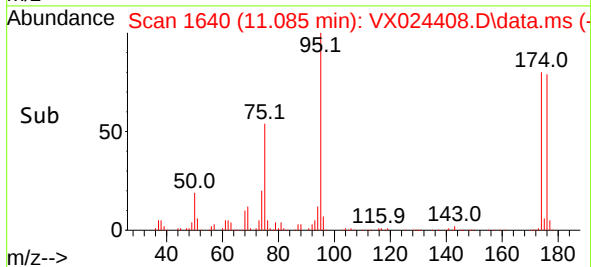
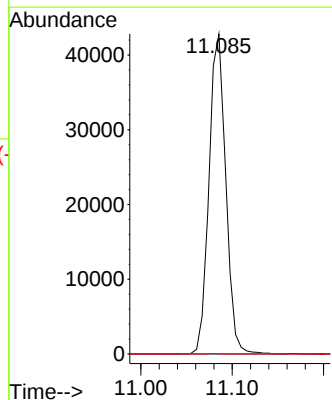
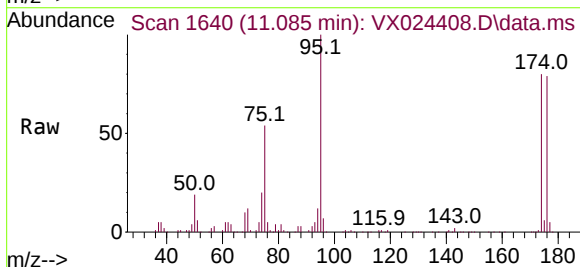
Instrument :
MSVOA_N
ClientSampled :

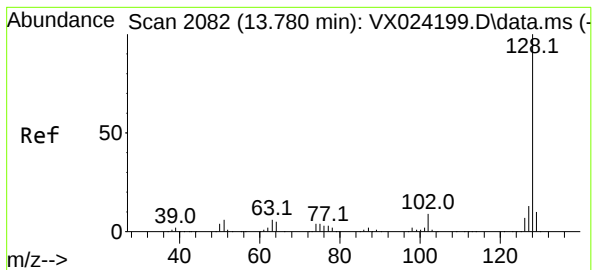
Tgt Ion: 75 Resp: 54415
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.001 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

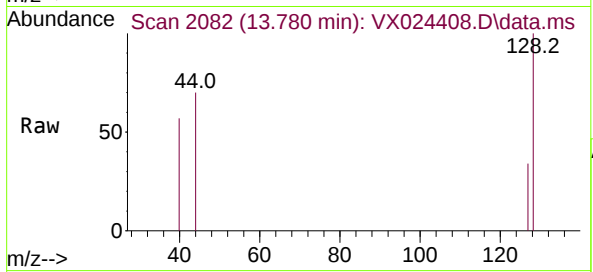
Tgt Ion: 75 Resp: 54415
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024408.D
Acq: 22 Sep 2021 01:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	226
Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.3	15.5#
129	0.0	8.8	13.2#

