

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024421.D
 Acq On : 22 Sep 2021 06:10
 Operator : JC/MD
 Sample : M3786-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N71924

Quant Time: Sep 22 06:58:24 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)

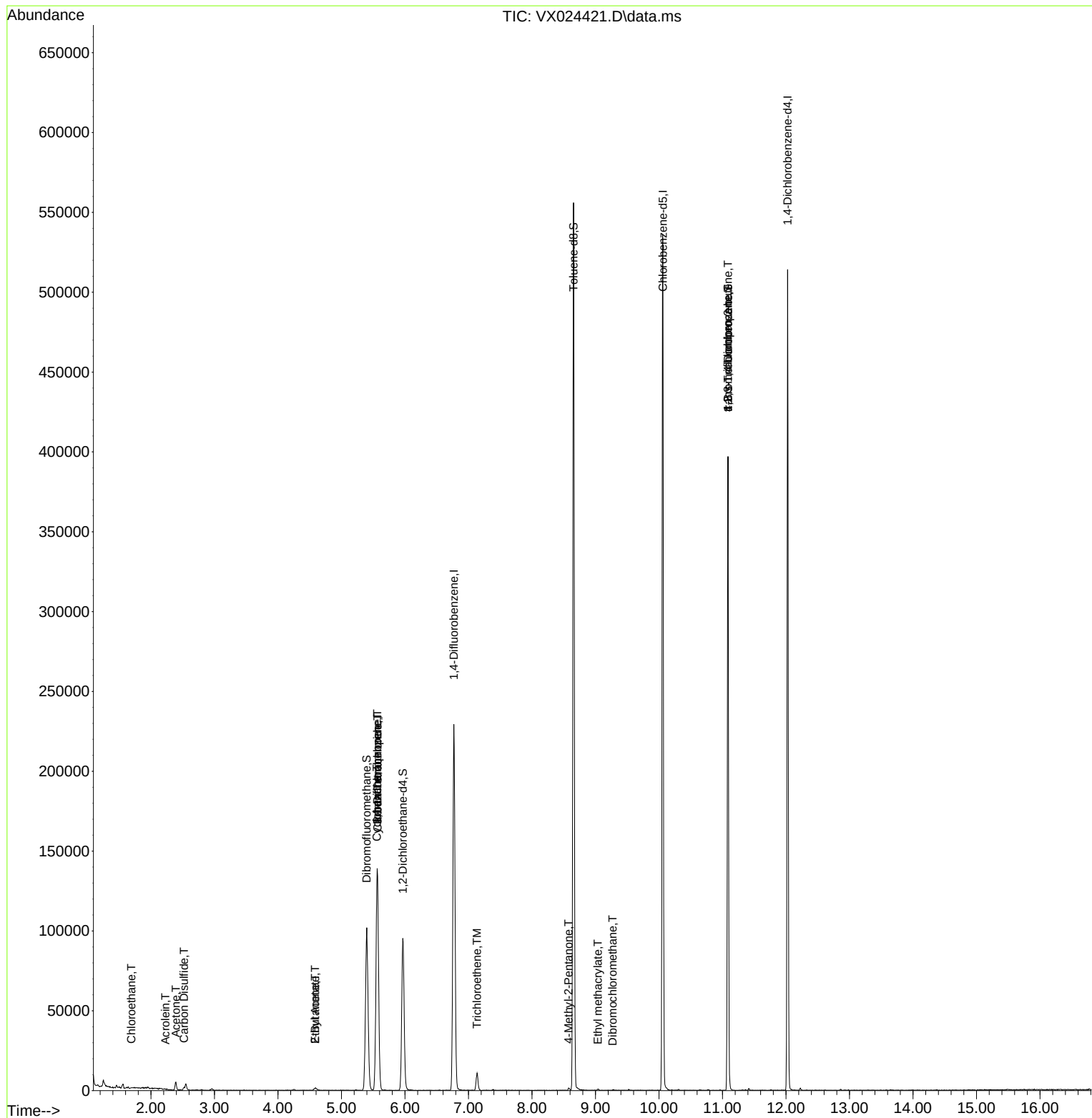
Internal Standards						
1) Pentafluorobenzene	5.562	168	128193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	247300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95632	52.315	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.640%		
35) Dibromofluoromethane	5.398	113	85393	57.005	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 114.020%		
50) Toluene-d8	8.653	98	316982	58.086	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 116.180%#		
62) 4-Bromofluorobenzene	11.086	95	97762	46.034	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.060%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	194	0.229	ug/l #	43
11) Tert butyl alcohol	2.959	59	596	Below Cal	#	73
13) Acrolein	2.227	56	54	0.448	ug/l #	14
16) Acetone	2.392	43	5373	6.893	ug/l	95
17) Carbon Disulfide	2.520	76	2038	0.688	ug/l	96
25) 2-Butanone	4.587	43	1302	1.134	ug/l #	87
31) Cyclohexane	5.556	56	2954	1.382	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	10405	5.067	ug/l #	50
37) Ethyl Acetate	4.587	43	1302	0.544	ug/l #	64
38) Carbon Tetrachloride	5.568	117	13859	5.996	ug/l #	17
44) Trichloroethene	7.135	130	4062	2.455	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	981	0.404	ug/l #	81
56) Ethyl methacrylate	9.037	69	99	1.397	ug/l #	1
60) Dibromochloromethane	9.269	129	27	1.740	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	53135	22.069	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	53135	64.905	ug/l #	12

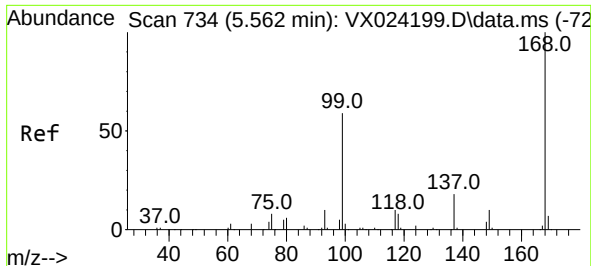
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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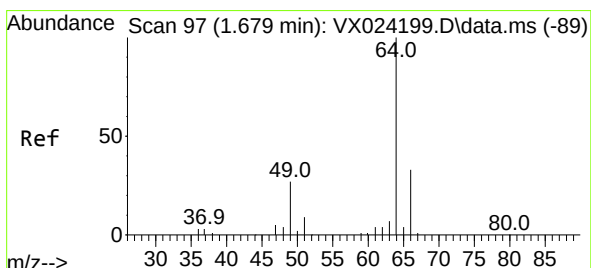
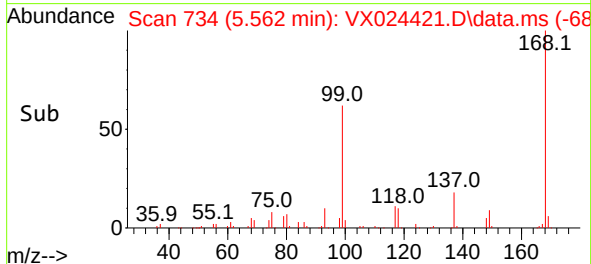
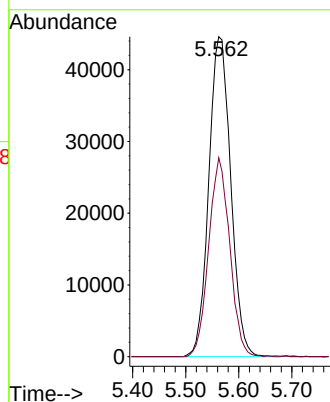
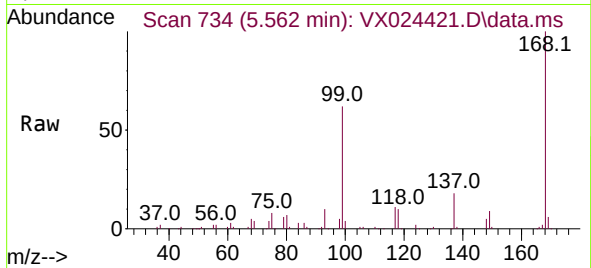




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

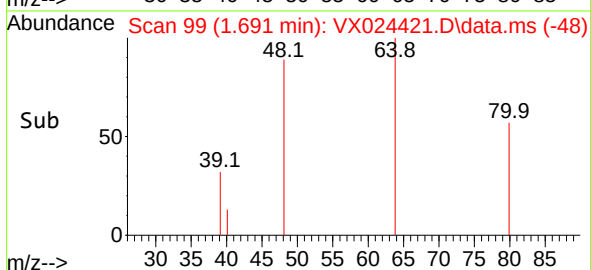
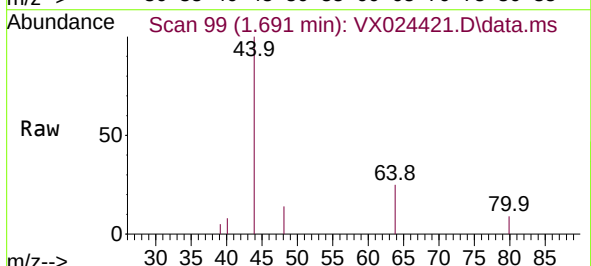
Instrument :
MSVOA_N
ClientSampleId :
N71924

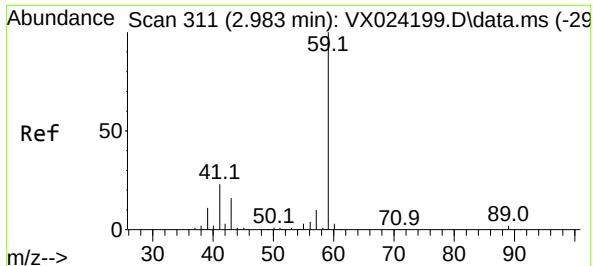
Tgt Ion:168 Resp: 128193
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



#6
Chloroethane
Concen: 0.229 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 64 Resp: 194
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



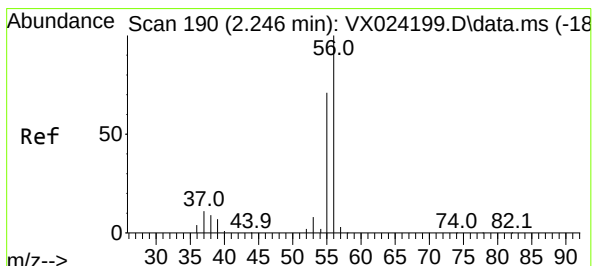
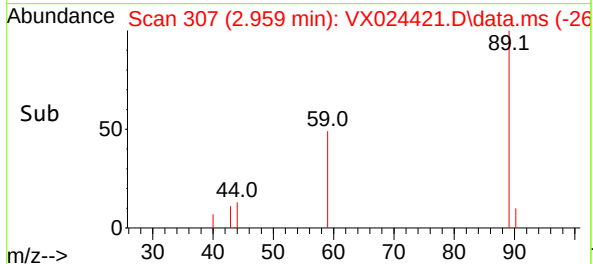
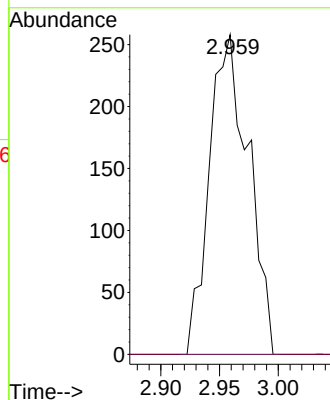
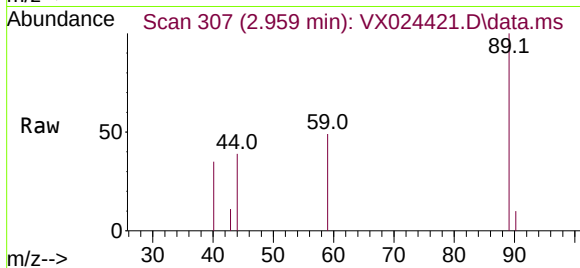


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Instrument :
MSVOA_N
ClientSampleId :
N71924

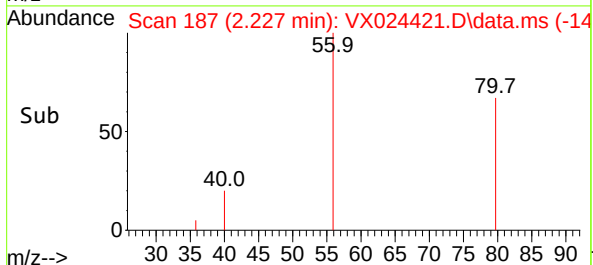
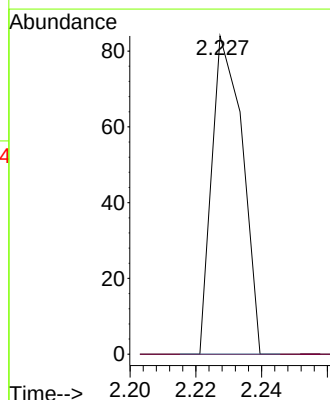
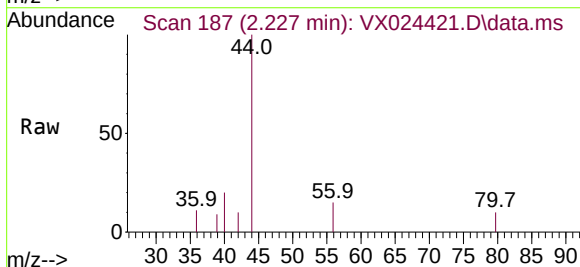
Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

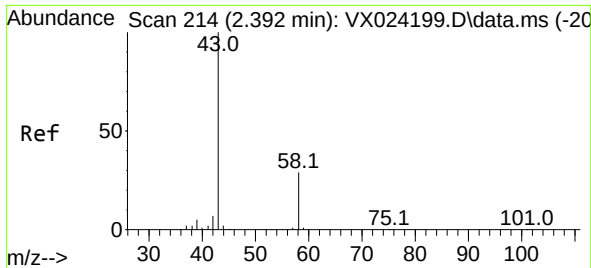


#13

Acrolein
Concen: 0.448 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.019 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

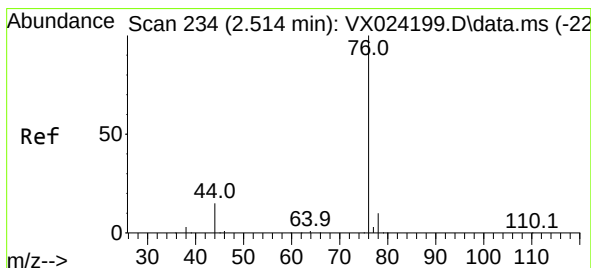
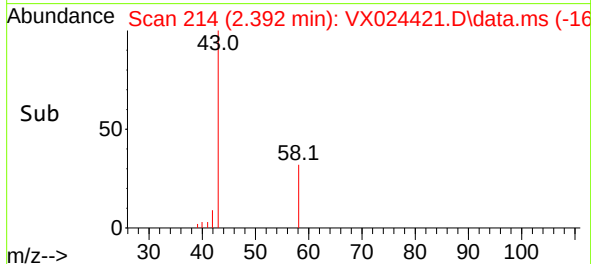
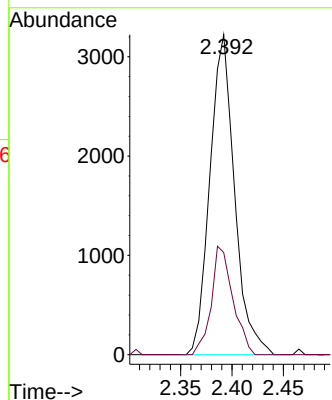
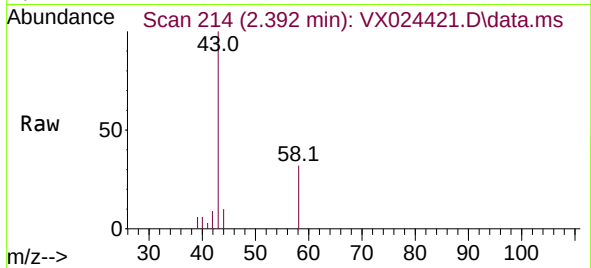




#16
Acetone
Concen: 6.893 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

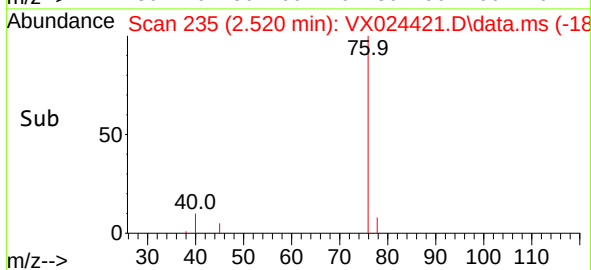
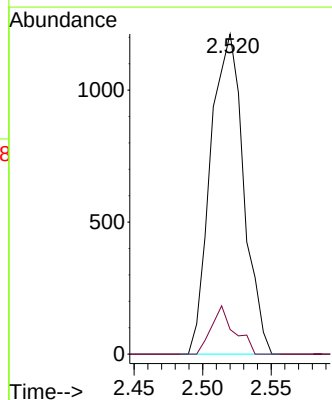
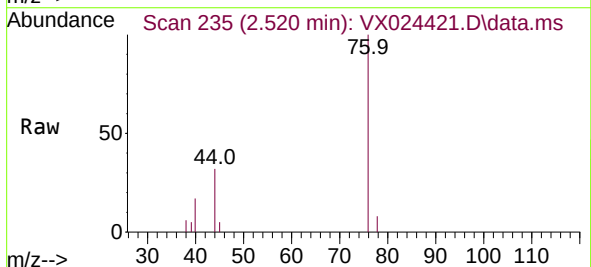
Instrument :
MSVOA_N
ClientSampled :
N71924

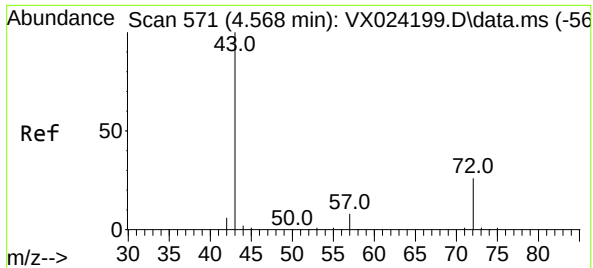
Tgt Ion: 43 Resp: 5373
Ion Ratio Lower Upper
43 100
58 31.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.688 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 76 Resp: 2038
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

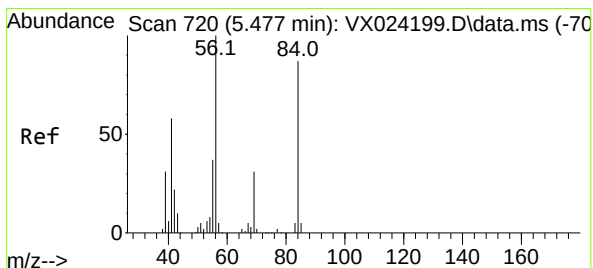
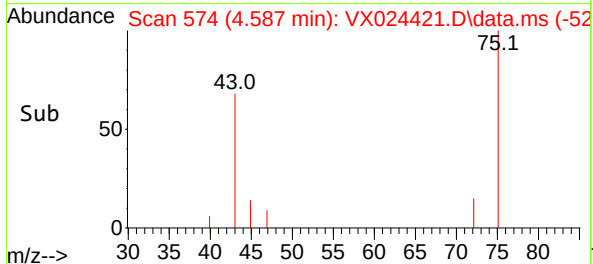
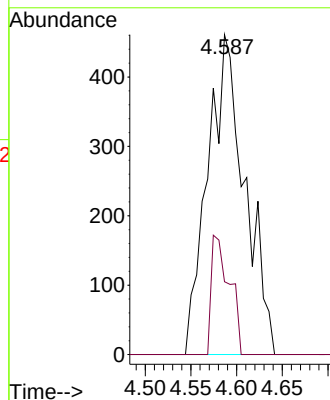
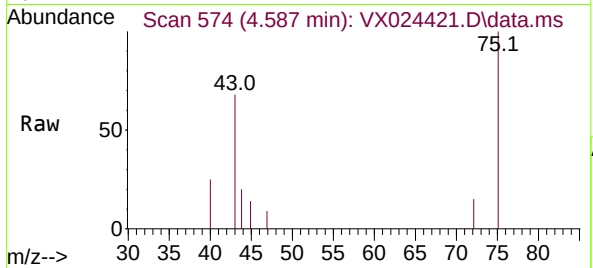




#25
2-Butanone
Concen: 1.134 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

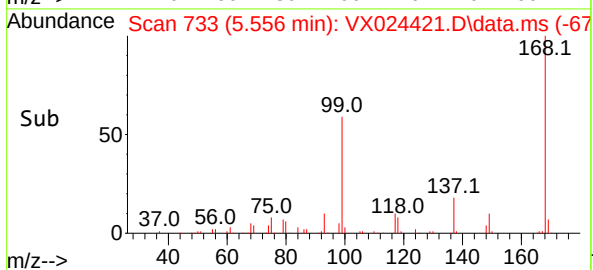
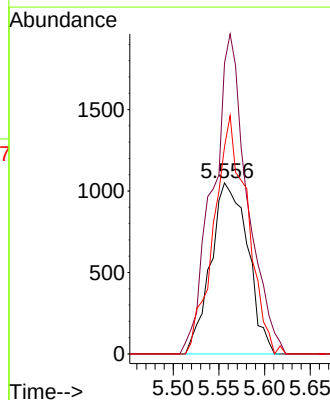
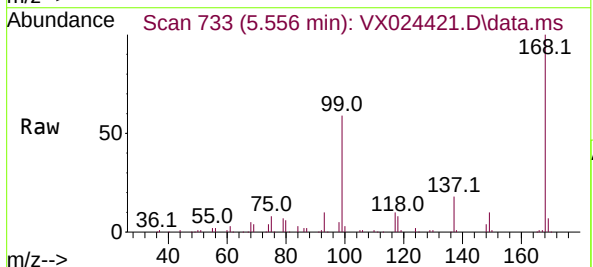
Instrument :
MSVOA_N
ClientSampled :
N71924

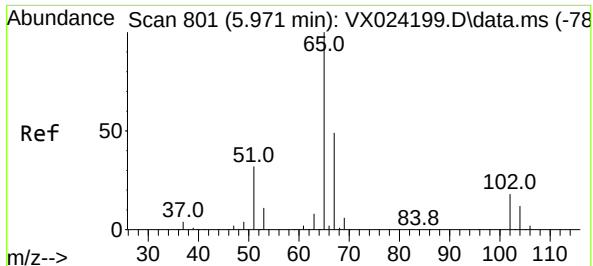
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5#



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 56 Resp: 2954
Ion Ratio Lower Upper
56 100
69 169.9 25.3 37.9#
84 121.2 71.4 107.0#

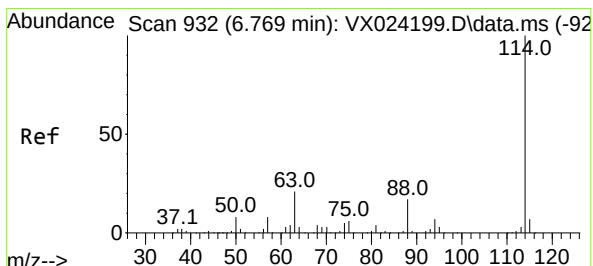
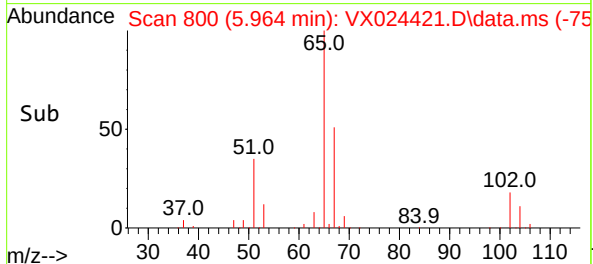
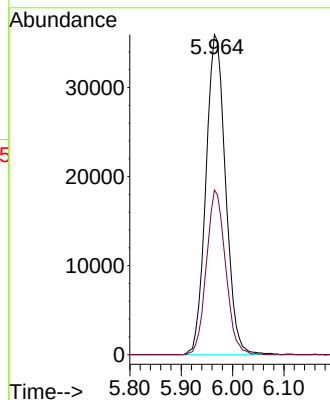
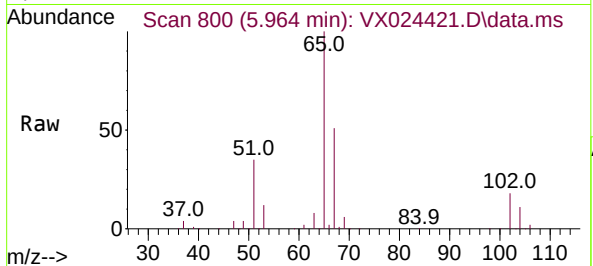




#33
 1,2-Dichloroethane-d4
 Concen: 52.315 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024421.D
 Acq: 22 Sep 2021 06:10

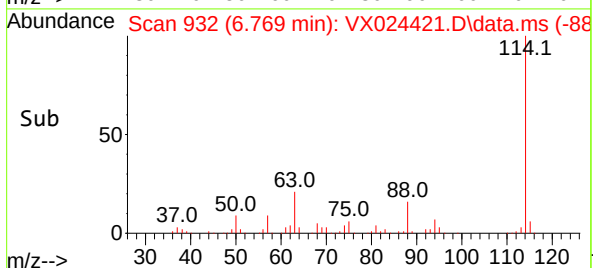
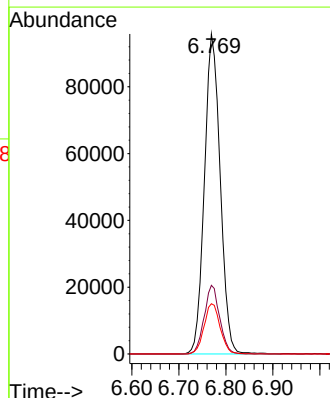
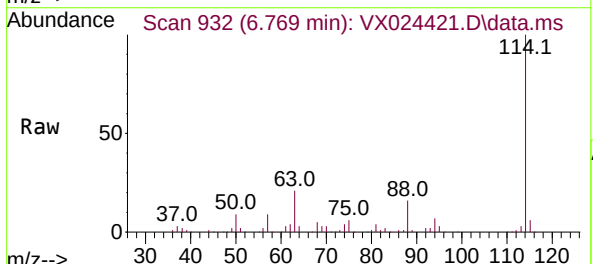
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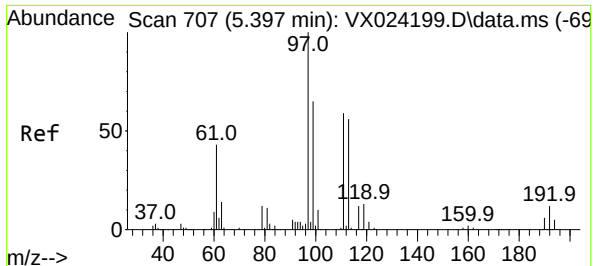
Tgt Ion: 65 Resp: 95632
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024421.D
 Acq: 22 Sep 2021 06:10

Tgt Ion: 114 Resp: 223365
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 57.005 ug/l

RT: 5.398 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024421.D

Acq: 22 Sep 2021 06:10

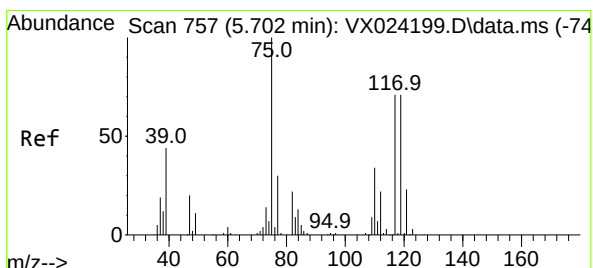
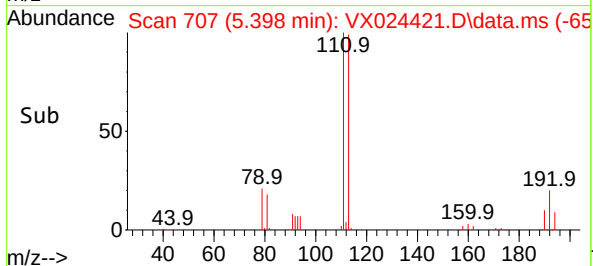
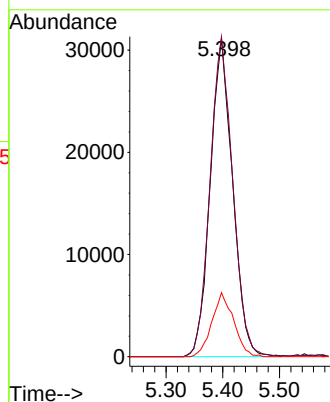
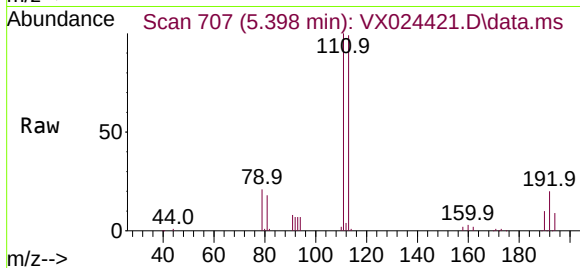
Tgt Ion:113 Resp: 85393

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 19.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.067 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024421.D

Acq: 22 Sep 2021 06:10

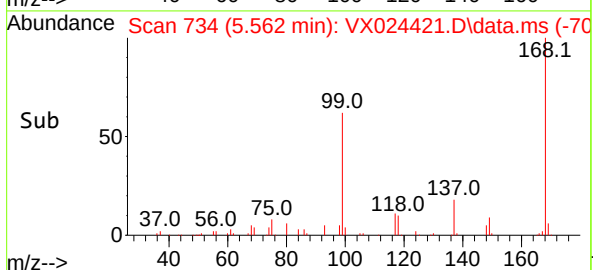
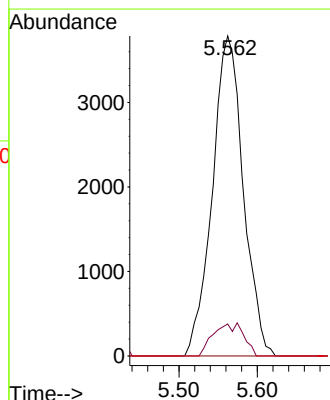
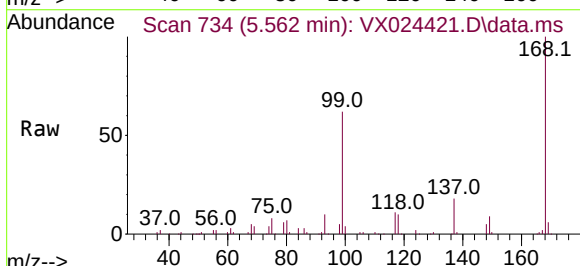
Tgt Ion: 75 Resp: 10405

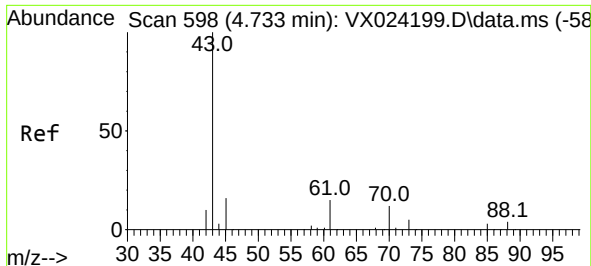
Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.544 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.146 min

Lab File: VX024421.D

Acq: 22 Sep 2021 06:10

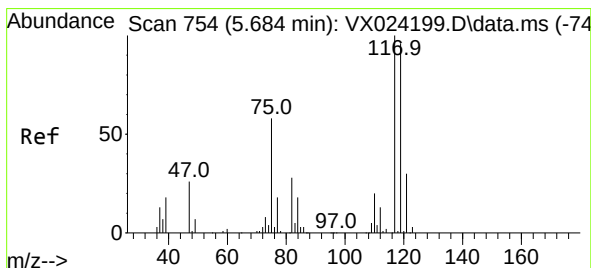
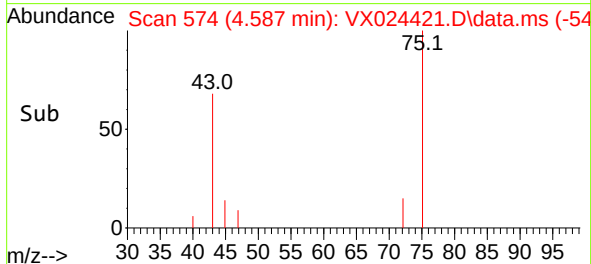
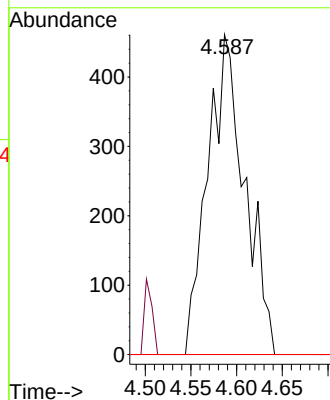
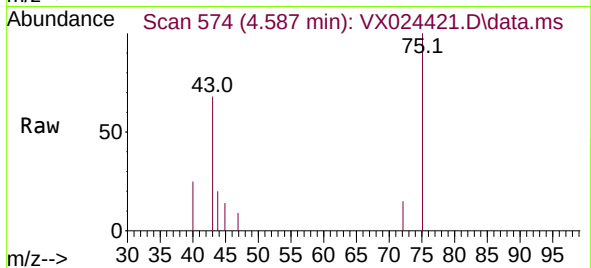
Instrument :

MSVOA_N

ClientSampleId :

N71924

Tgt Ion: 43	Resp: 1302
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.996 ug/l

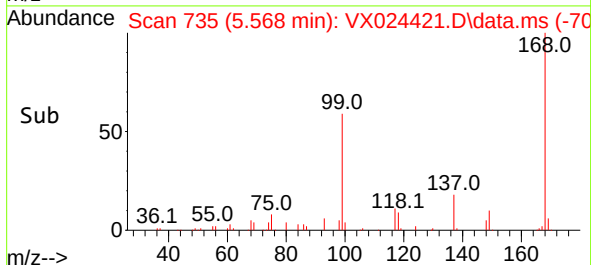
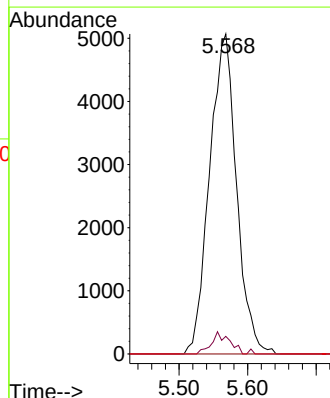
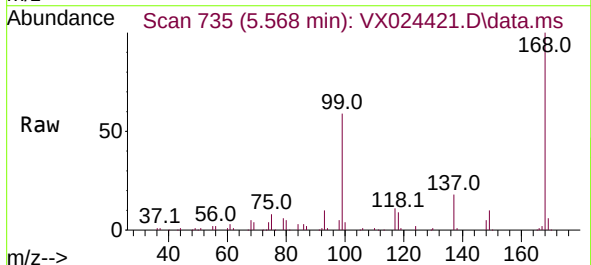
RT: 5.568 min Scan# 735

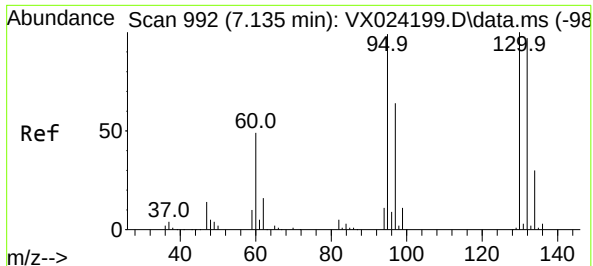
Delta R.T. -0.116 min

Lab File: VX024421.D

Acq: 22 Sep 2021 06:10

Tgt Ion: 117	Resp: 13859
Ion Ratio	Lower Upper
117 100	
119 5.5	76.2 114.2#
121 0.0	24.8 37.2#

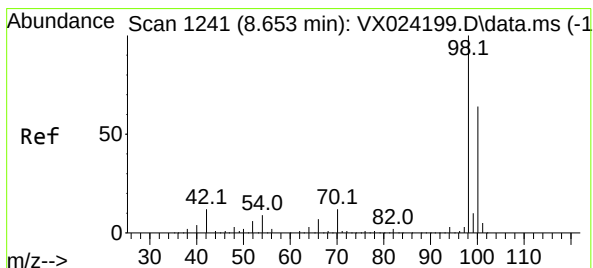
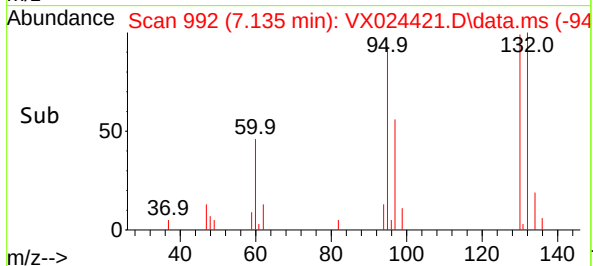
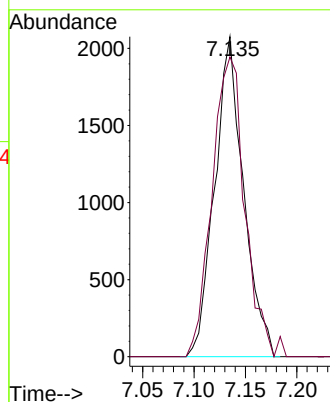
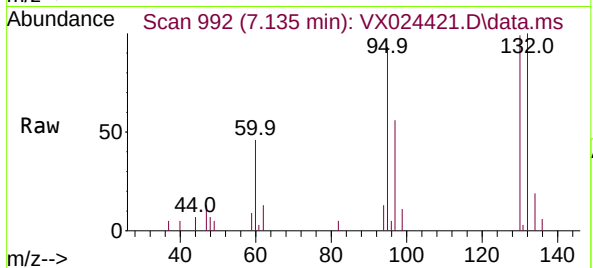




#44
Trichloroethene
Concen: 2.455 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

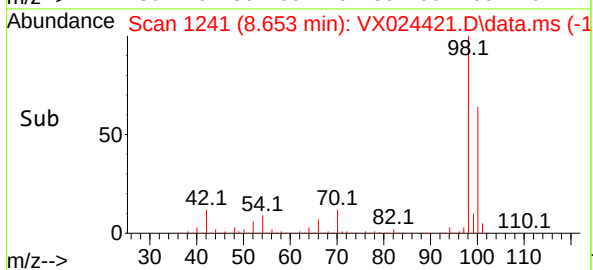
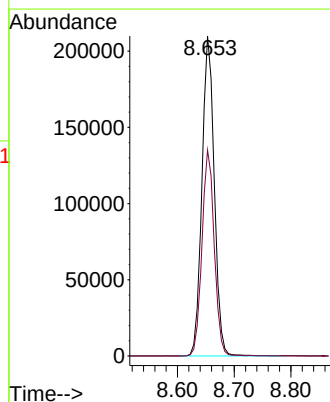
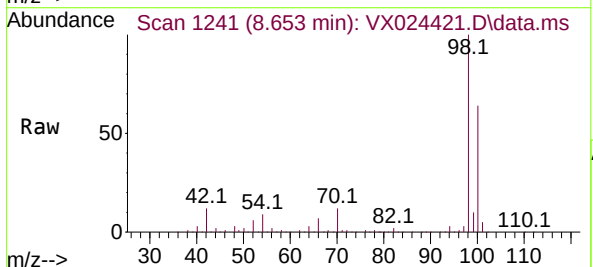
Instrument :
MSVOA_N
ClientSampleId :
N71924

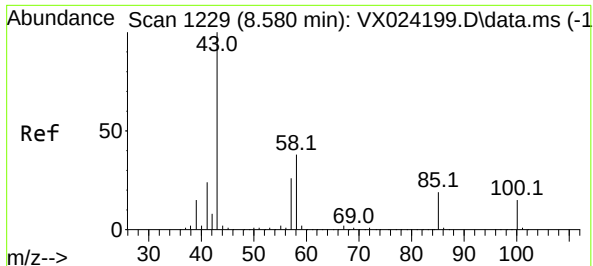
Tgt Ion:130 Resp: 4062
Ion Ratio Lower Upper
130 100
95 93.6 0.0 198.0



#50
Toluene-d8
Concen: 58.086 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 98 Resp: 316982
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

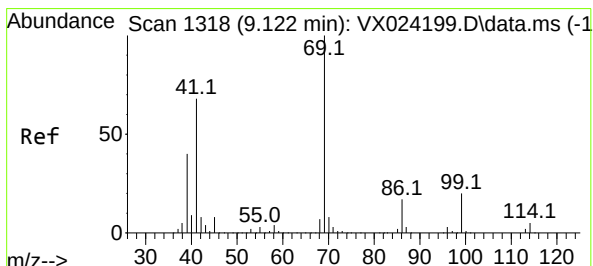
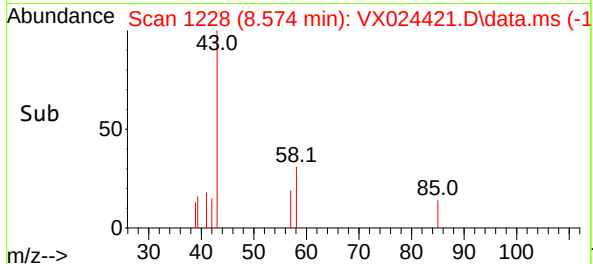
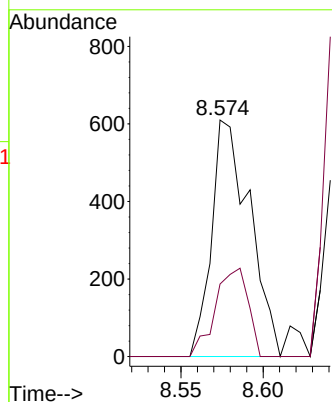
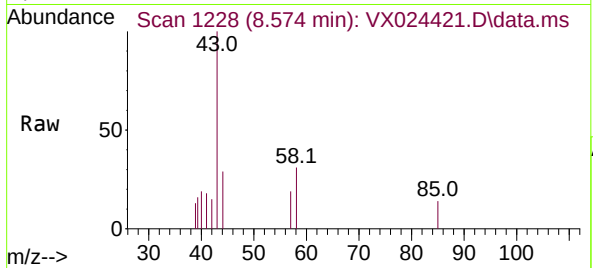




#51
4-Methyl-2-Pentanone
Concen: 0.404 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

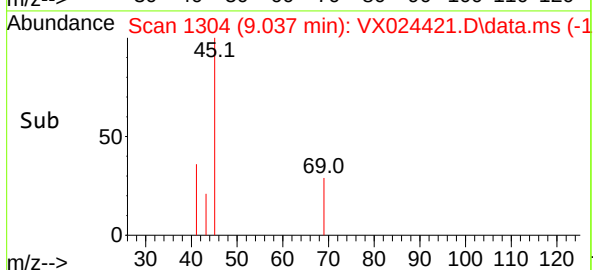
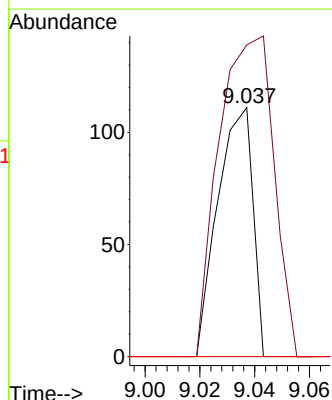
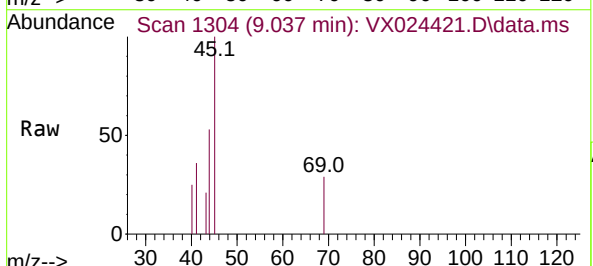
Instrument :
MSVOA_N
ClientSampled :
N71924

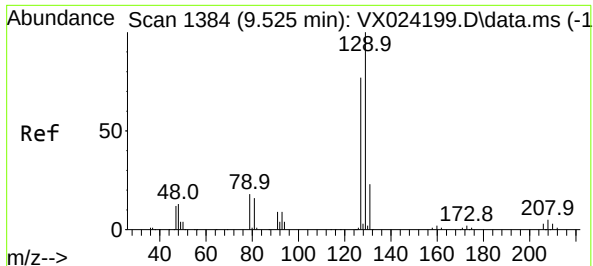
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 32.1 35.4 53.0#



#56
Ethyl methacrylate
Concen: 1.397 ug/l
RT: 9.037 min Scan# 1304
Delta R.T. -0.085 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 69 Resp: 99
Ion Ratio Lower Upper
69 100
41 201.0 46.8 70.2#
39 0.0 24.7 37.1#





#60

Dibromochloromethane

Concen: 1.740 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.256 min

Lab File: VX024421.D

Acq: 22 Sep 2021 06:10

Instrument :

MSVOA_N

ClientSampleId :

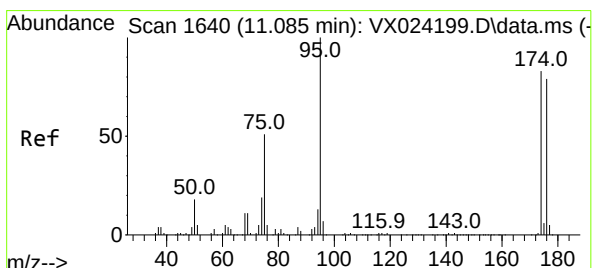
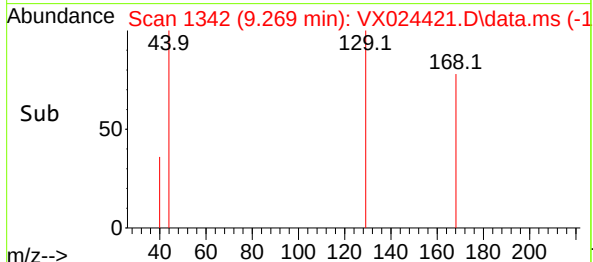
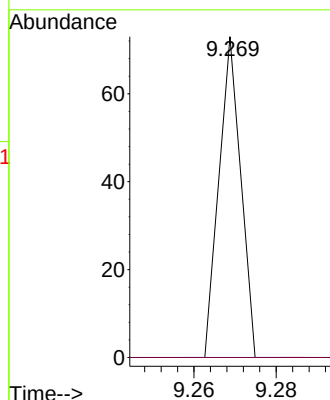
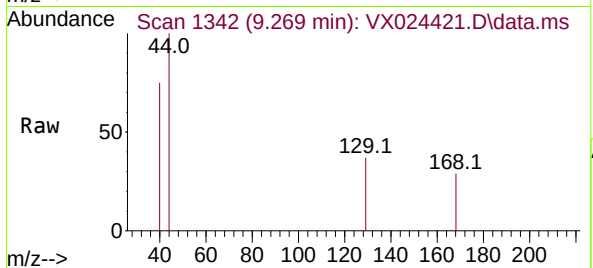
N71924

Tgt Ion:129 Resp: 27

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.034 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024421.D

Acq: 22 Sep 2021 06:10

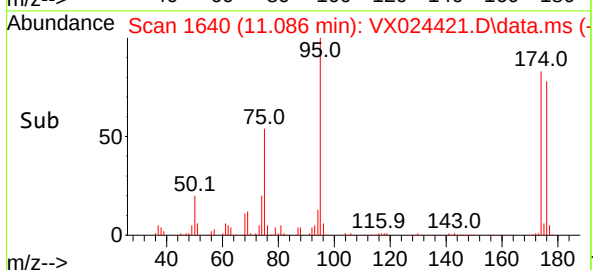
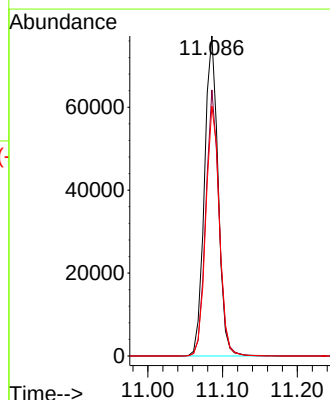
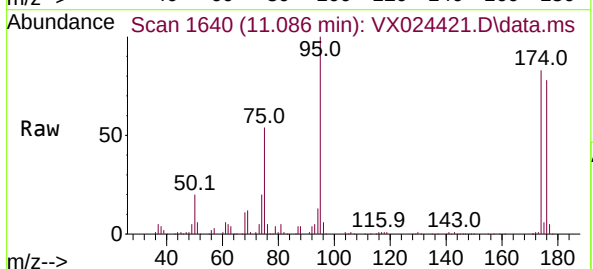
Tgt Ion: 95 Resp: 97762

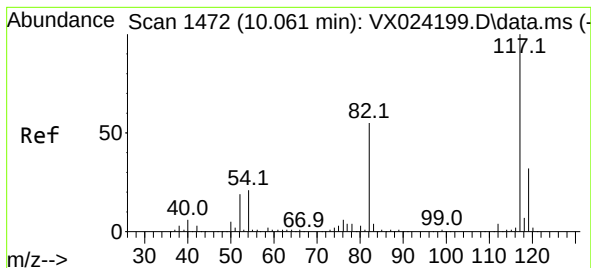
Ion Ratio Lower Upper

95 100

174 80.3 0.0 154.6

176 78.3 0.0 155.8

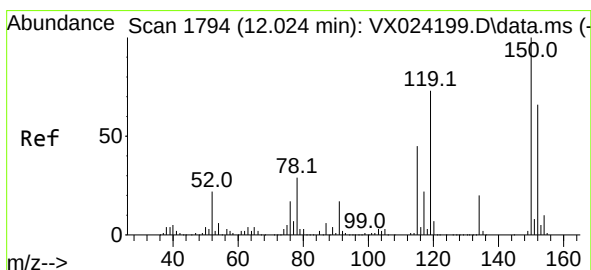
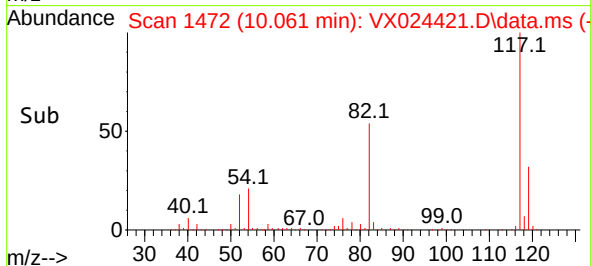
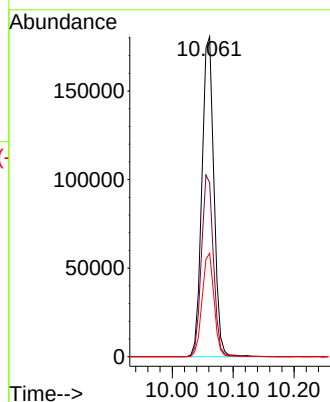
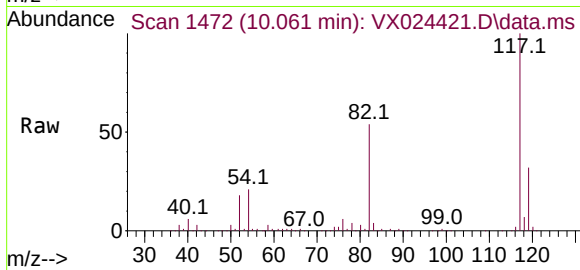




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

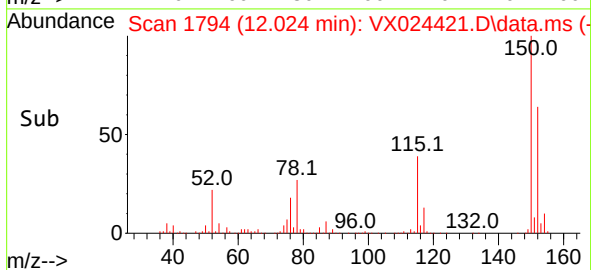
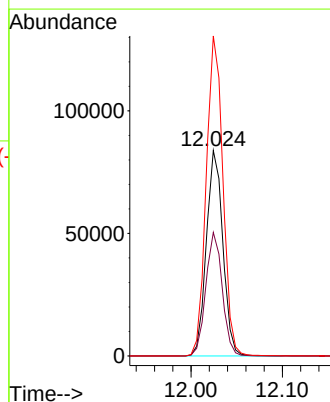
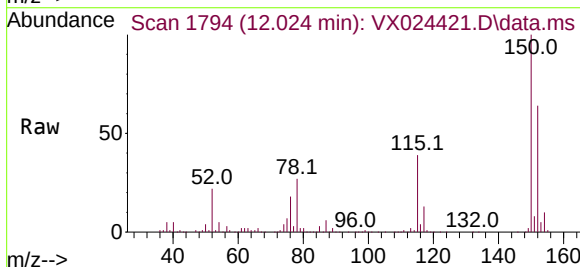
Instrument :
MSVOA_N
ClientSampled :
N71924

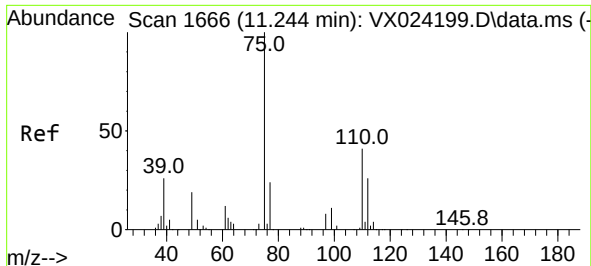
Tgt Ion:117 Resp: 247300
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion:152 Resp: 104709
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 157.2 0.0 349.0

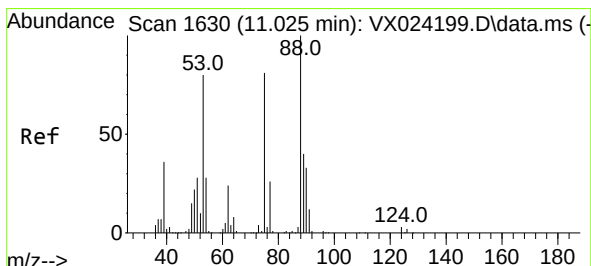
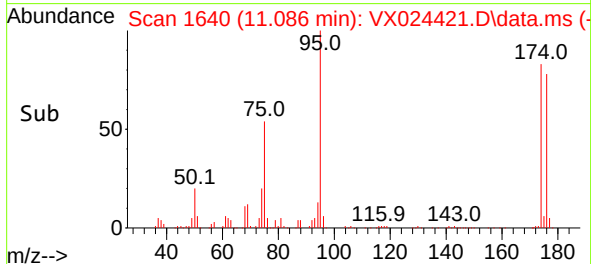
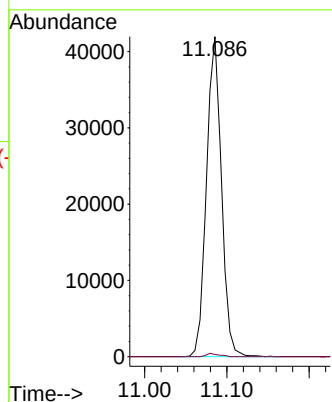
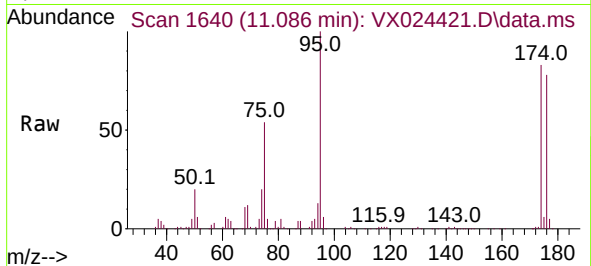




#76
1,2,3-Trichloropropane
Concen: 22.069 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Instrument :
MSVOA_N
ClientSampled :
N71924

Tgt Ion: 75 Resp: 53135
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.905 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024421.D
Acq: 22 Sep 2021 06:10

Tgt Ion: 75 Resp: 53135
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

