

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024432.D
 Acq On : 22 Sep 2021 14:20
 Operator : JC/MD
 Sample : M3786-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N71924

Quant Time: Sep 22 15:11:31 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)

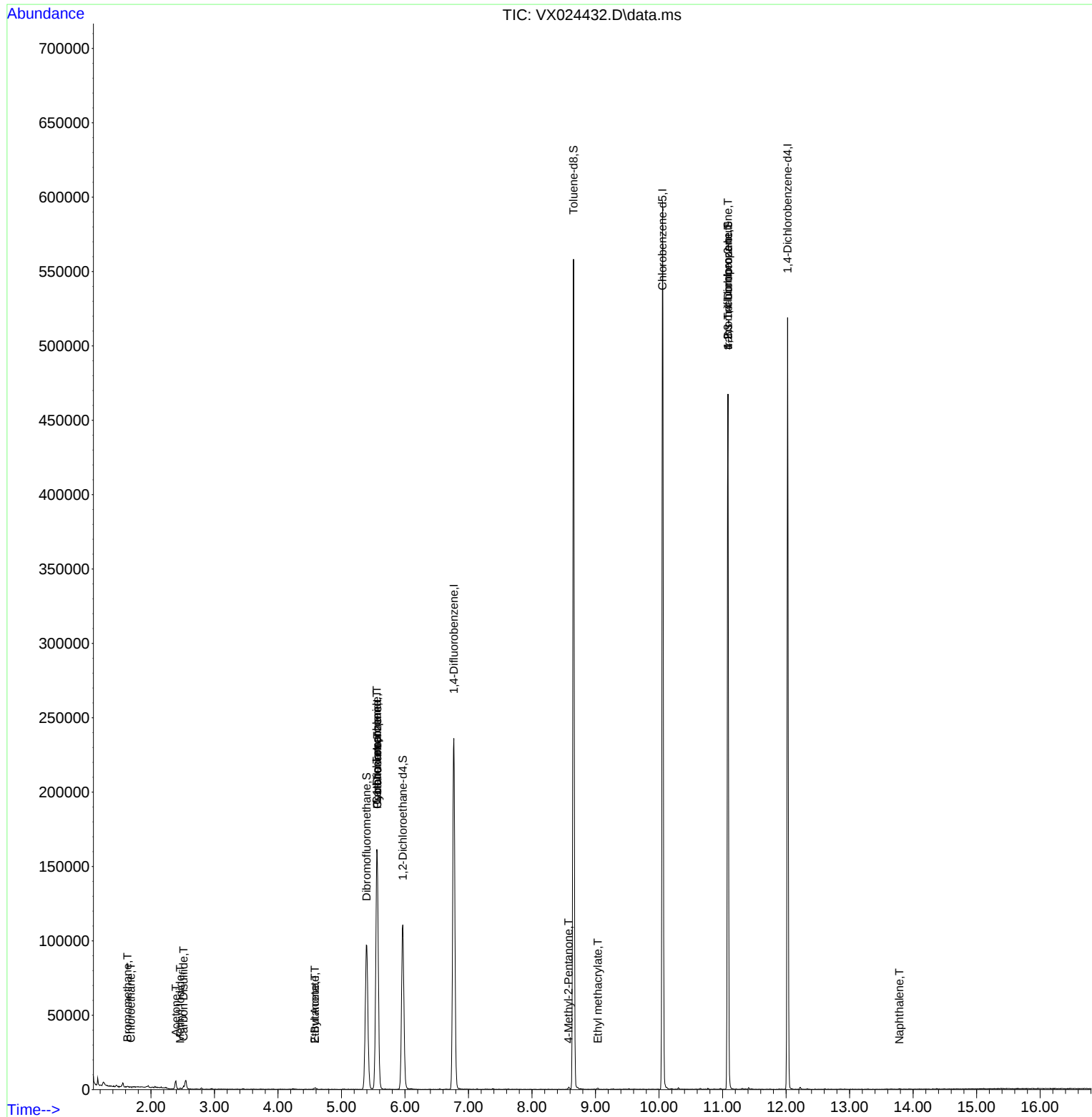
Internal Standards						
1) Pentafluorobenzene	5.562	168	145020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111753	54.041	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.080%		
35) Dibromofluoromethane	5.397	113	83305	53.521	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.040%		
50) Toluene-d8	8.653	98	304437	53.691	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.380%		
62) 4-Bromofluorobenzene	11.085	95	122872	55.683	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 111.360%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	468	0.543	ug/l	86
6) Chloroethane	1.685	64	243	0.254	ug/l #	43
10) Methyl Iodide	2.459	142	774	0.392	ug/l #	90
11) Tert butyl alcohol	2.959	59	337	Below Cal	#	73
16) Acetone	2.392	43	5315	6.028	ug/l	93
17) Carbon Disulfide	2.514	76	2401	0.717	ug/l #	93
25) 2-Butanone	4.580	43	1095	0.843	ug/l	96
31) Cyclohexane	5.562	56	3121	1.290	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	11414	5.349	ug/l #	50
37) Ethyl Acetate	4.580	43	1095	0.440	ug/l #	64
38) Carbon Tetrachloride	5.556	117	15346	6.390	ug/l #	18
51) 4-Methyl-2-Pentanone	8.574	43	910	0.361	ug/l	87
56) Ethyl methacrylate	9.037	69	114	1.401	ug/l #	67
76) 1,2,3-Trichloropropane	11.085	75	63568	27.650	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63568	81.320	ug/l #	12
95) Naphthalene	13.786	128	315	1.330	ug/l #	85

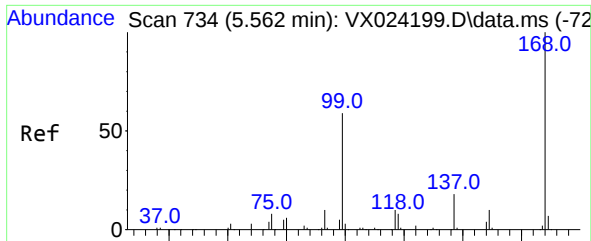
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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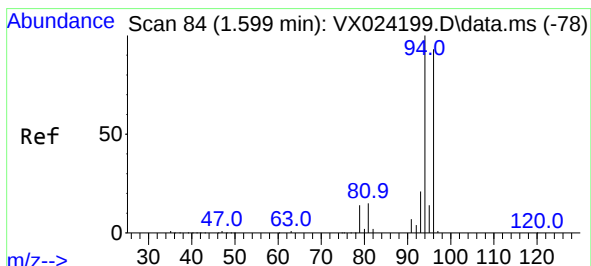
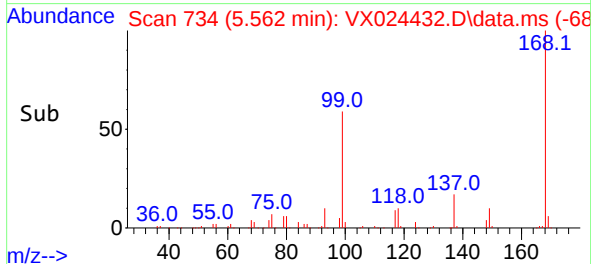
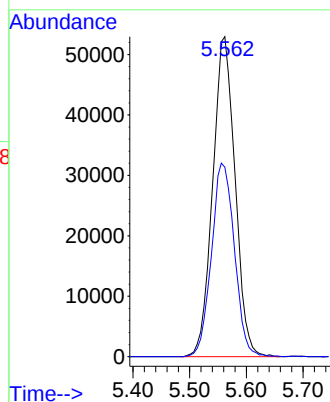
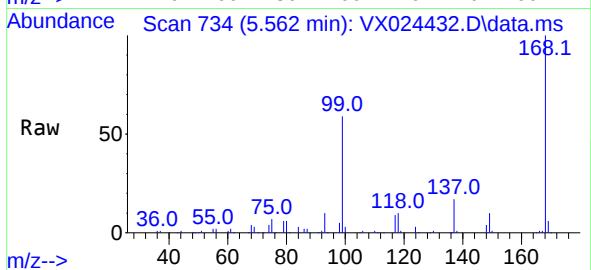




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

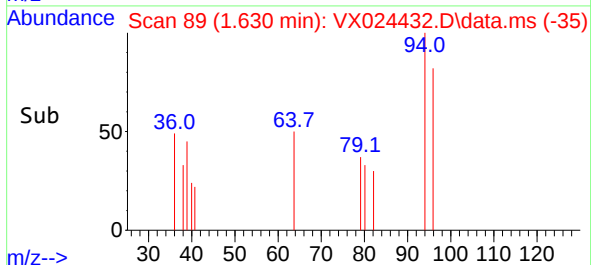
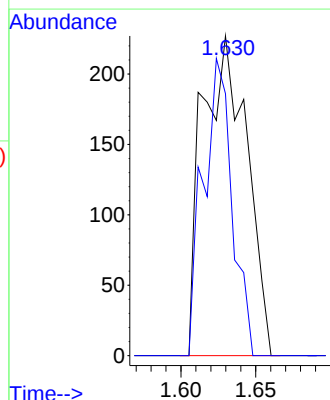
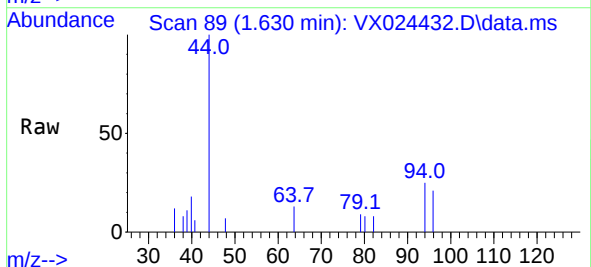
Instrument :
MSVOA_X
ClientSampleId :
N71924

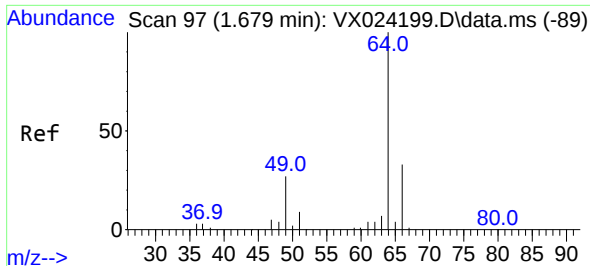
Tgt Ion:168 Resp: 145020
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

Tgt Ion: 94 Resp: 468
Ion Ratio Lower Upper
94 100
96 81.9 76.4 114.6

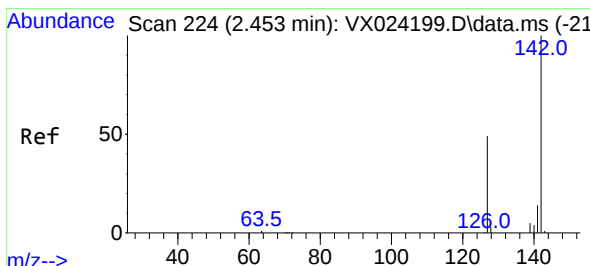
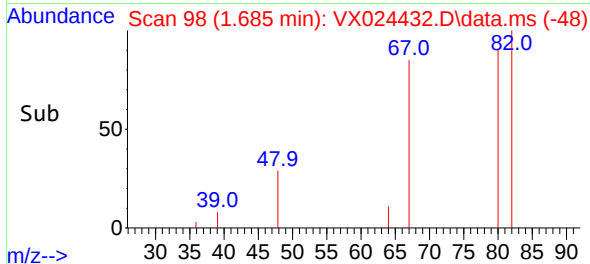
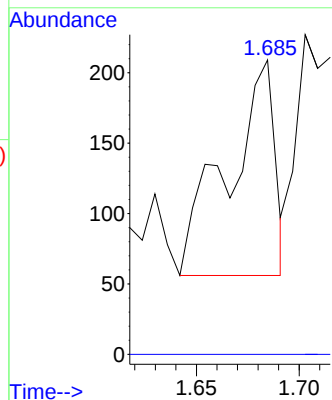
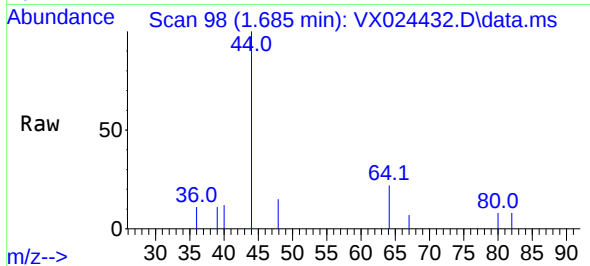




#6
Chloroethane
Concen: 0.254 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

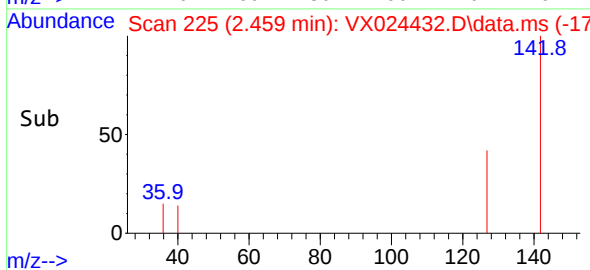
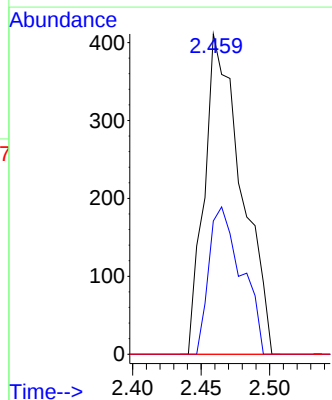
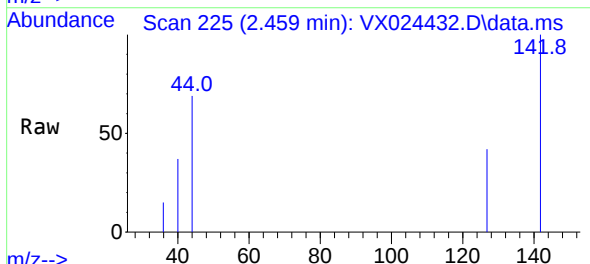
Instrument :
MSVOA_X
ClientSampled :
N71924

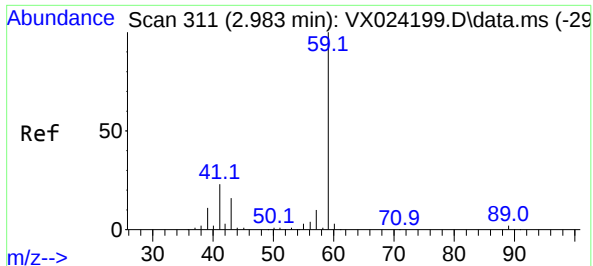
Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.392 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

Tgt Ion: 142 Resp: 774
Ion Ratio Lower Upper
142 100
127 40.6 33.3 49.9
141 0.0 11.4 17.0#

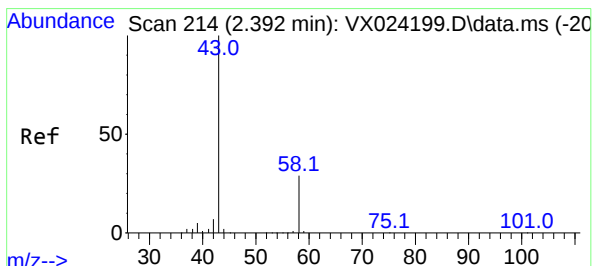
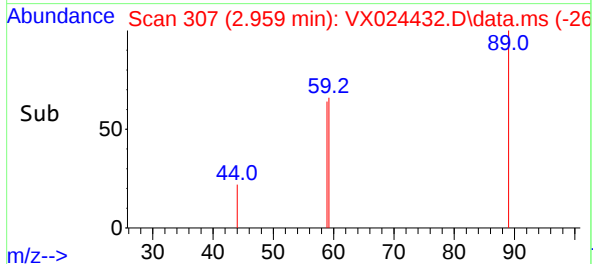
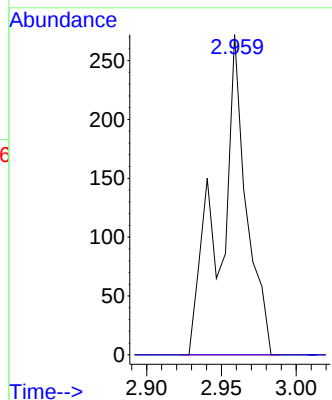
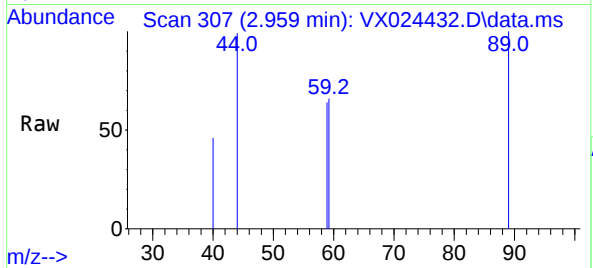




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

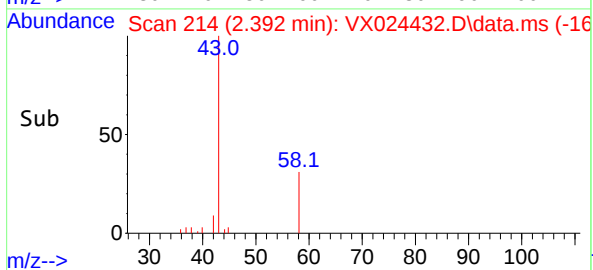
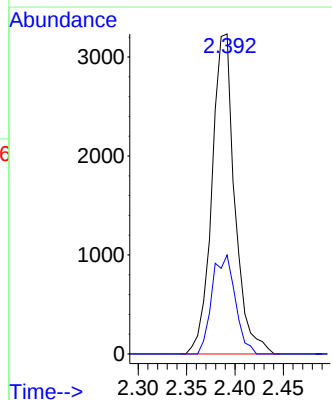
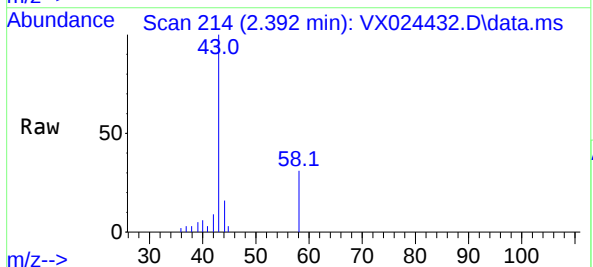
Instrument :
MSVOA_X
ClientSampled :
N71924

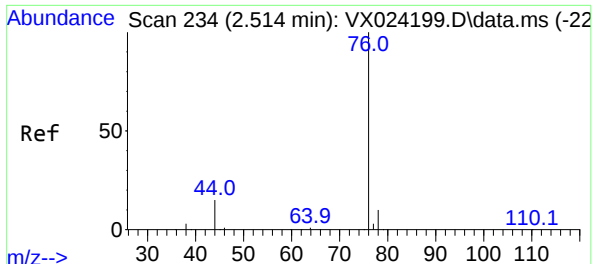
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 6.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

Tgt Ion: 43 Resp: 5315
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8

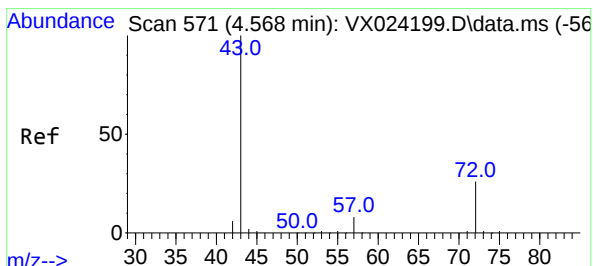
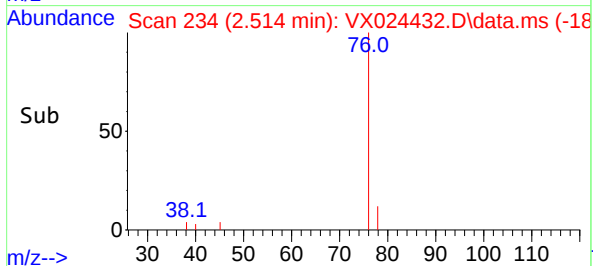
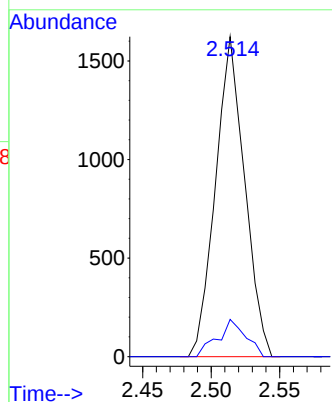
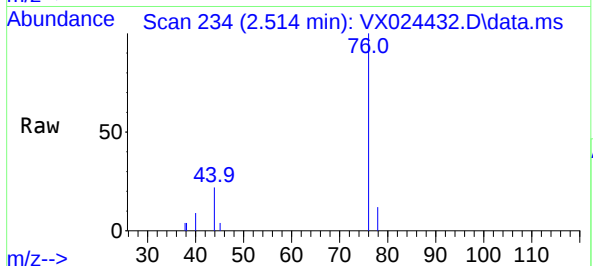




#17
Carbon Disulfide
Concen: 0.717 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

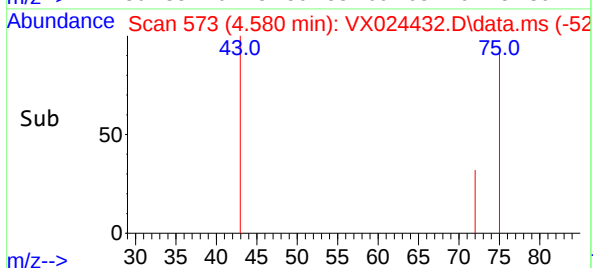
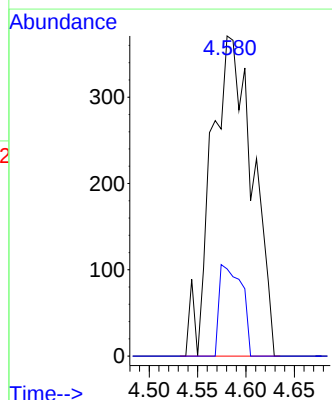
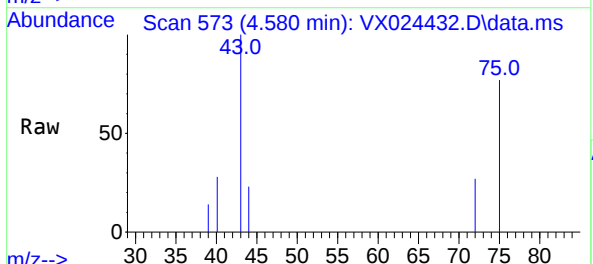
Instrument :
MSVOA_X
ClientSampled :
N71924

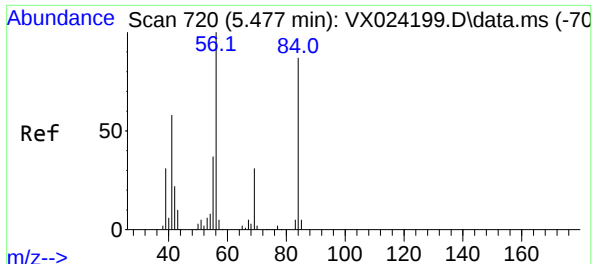
Tgt Ion: 76 Resp: 2401
Ion Ratio Lower Upper
76 100
78 11.6 7.2 10.8#



#25
2-Butanone
Concen: 0.843 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

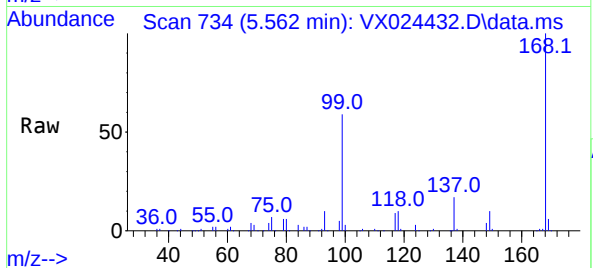
Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
72 27.2 23.7 35.5



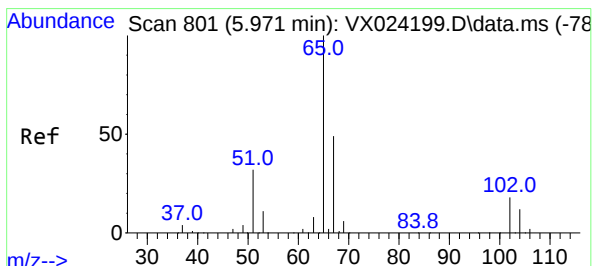
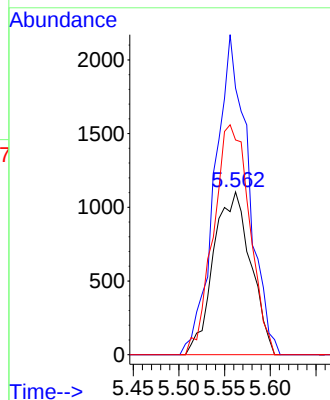
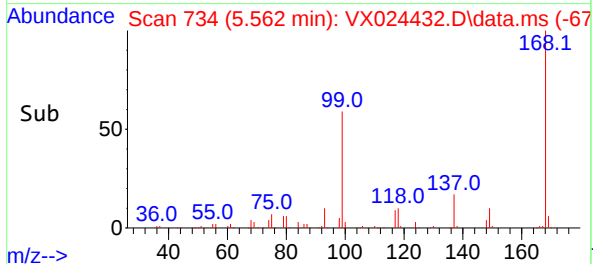


#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

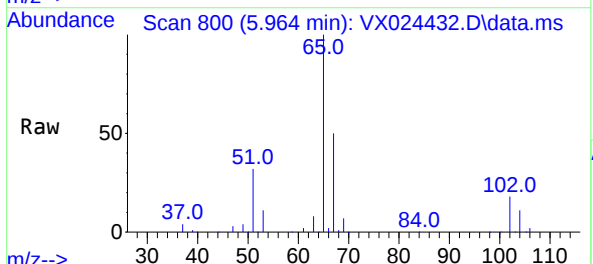
Instrument :
MSVOA_X
ClientSampled :
N71924



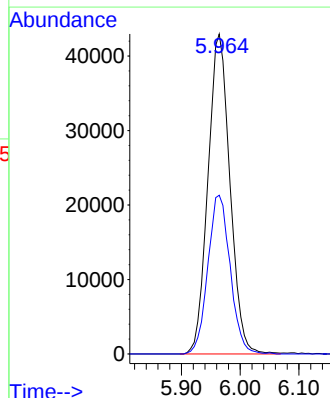
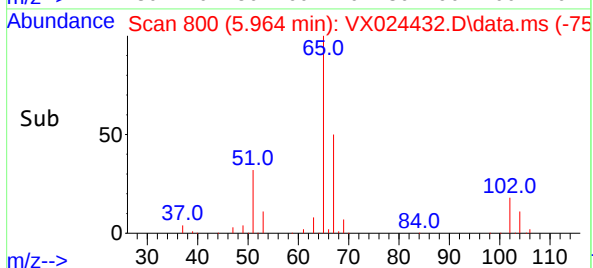
Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
69 163.8 25.3 37.9#
84 132.0 71.4 107.0#

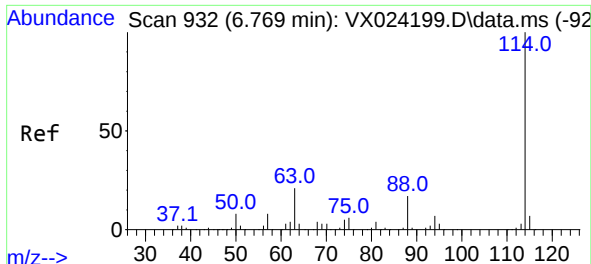


#33
1,2-Dichloroethane-d4
Concen: 54.041 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20



Tgt Ion: 65 Resp: 111753
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

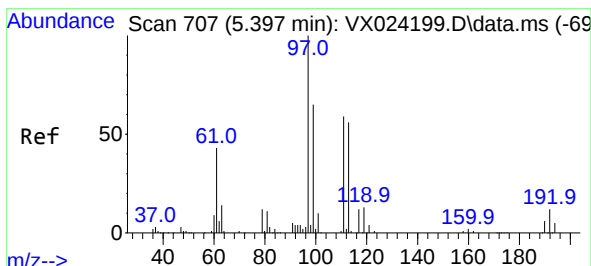
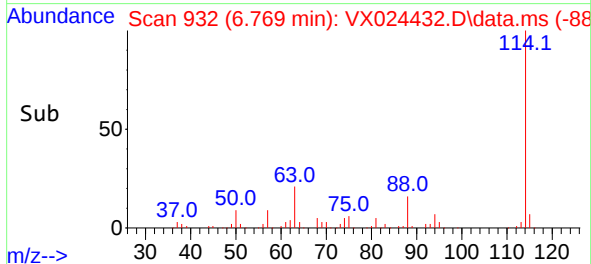
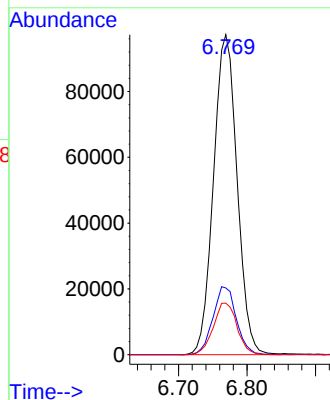
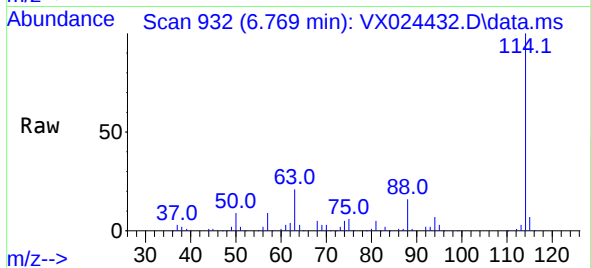




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

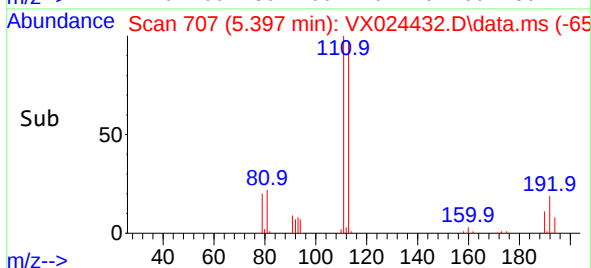
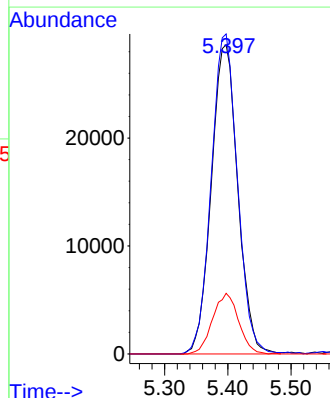
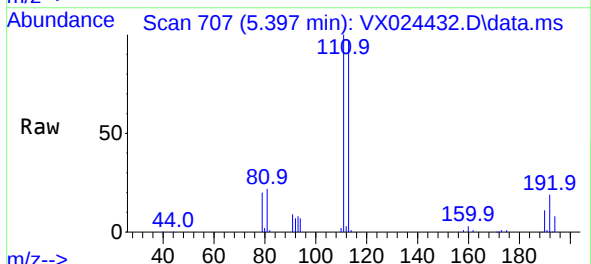
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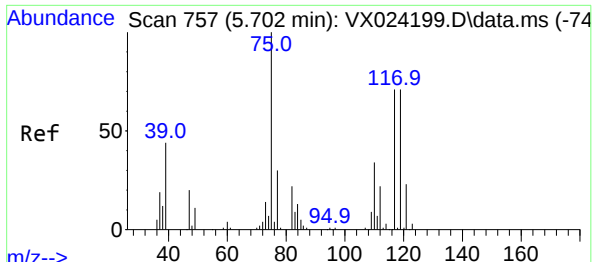
Tgt Ion:114 Resp: 232088
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.521 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

Tgt Ion:113 Resp: 83305
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.2 16.7 25.1

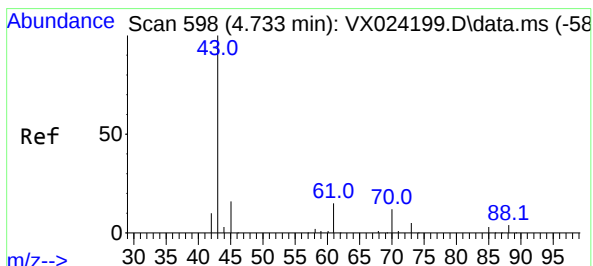
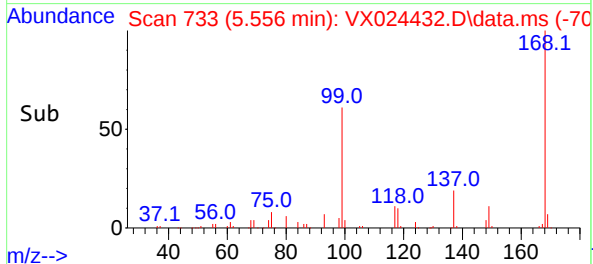
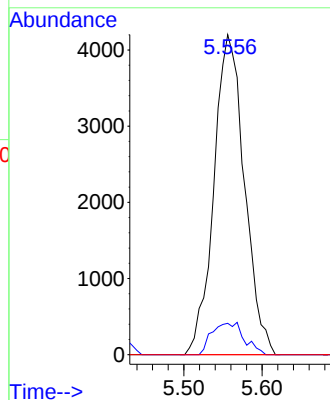
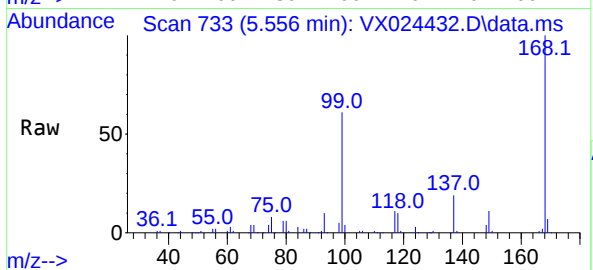




#36
1,1-Dichloropropene
Concen: 5.349 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

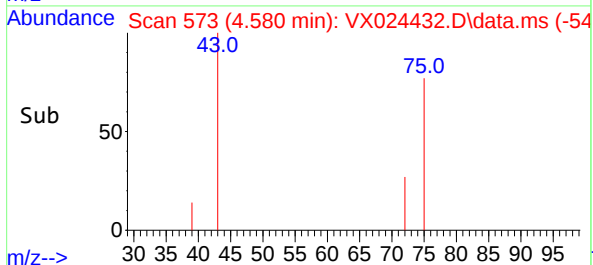
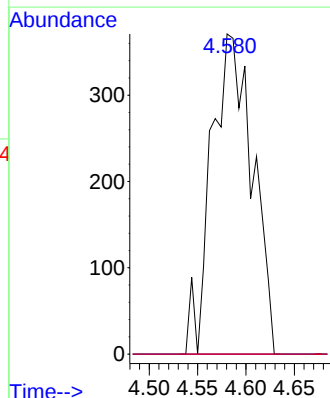
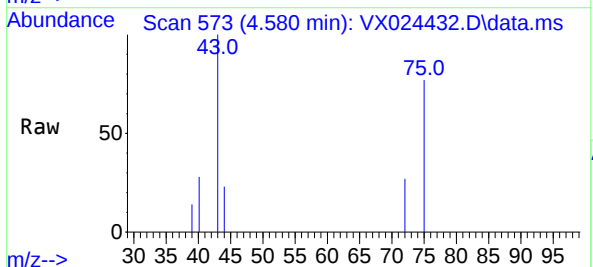
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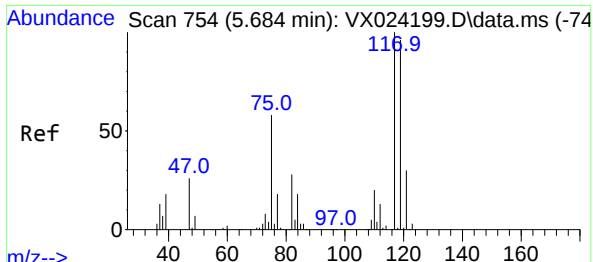
Tgt Ion: 75 Resp: 11414
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.440 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.153 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

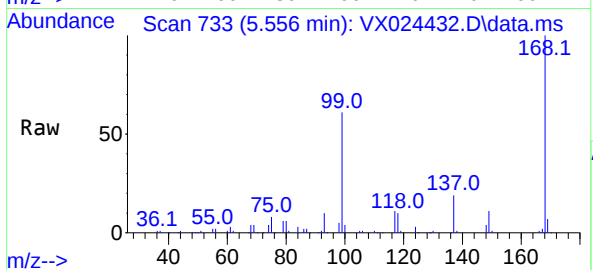
Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



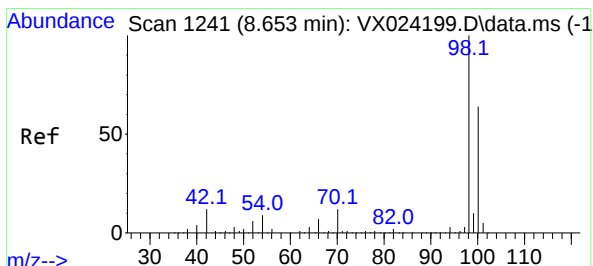
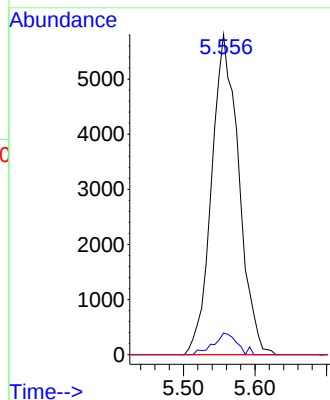
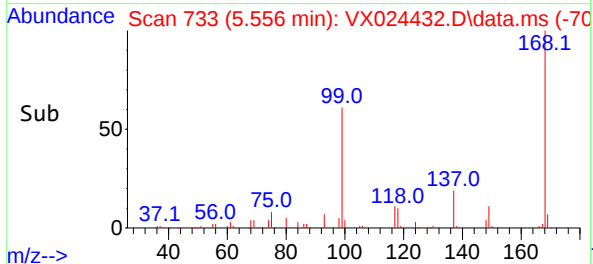


#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

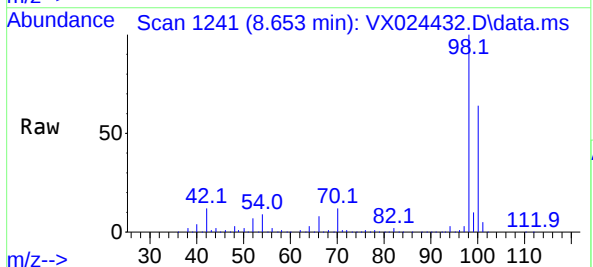
Instrument :
MSVOA_X
ClientSampleId :
N71924



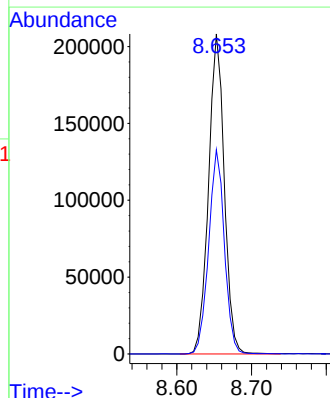
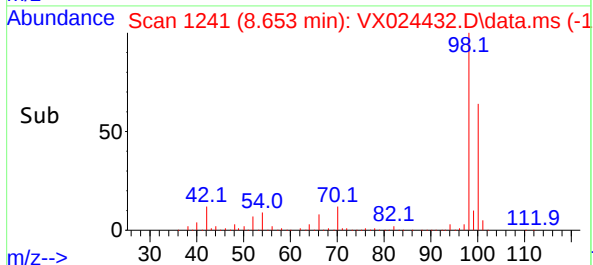
Tgt Ion:117 Resp: 15346
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

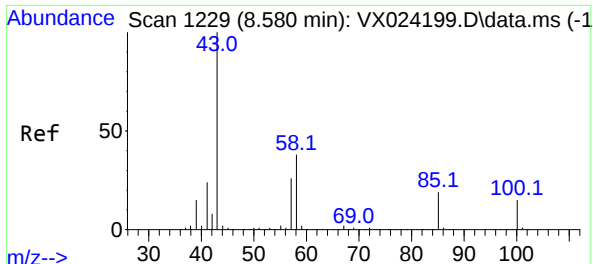


#50
Toluene-d8
Concen: 53.691 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20



Tgt Ion: 98 Resp: 304437
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

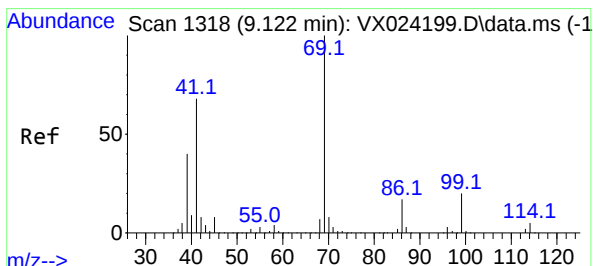
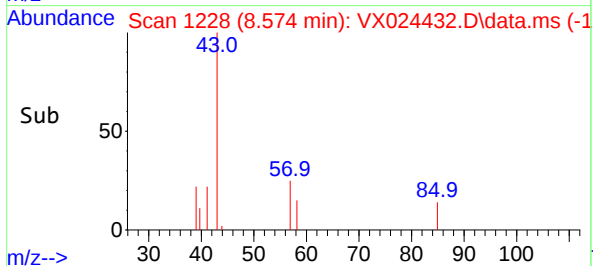
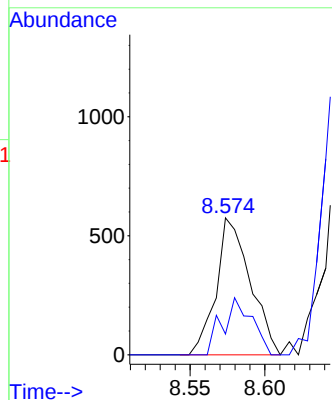
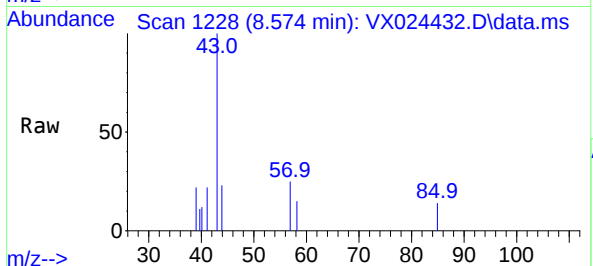




#51
4-Methyl-2-Pentanone
Concen: 0.361 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

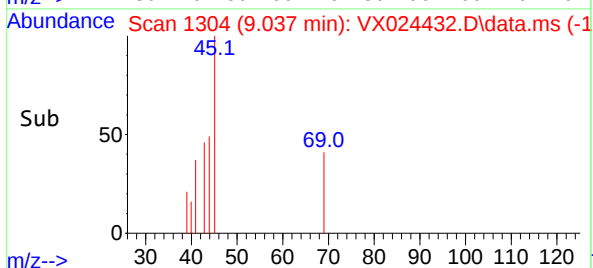
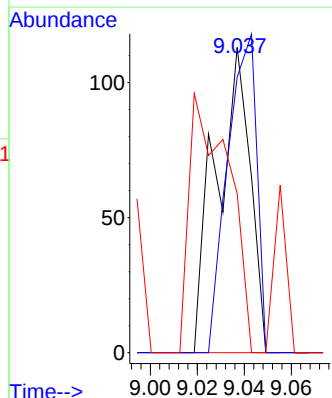
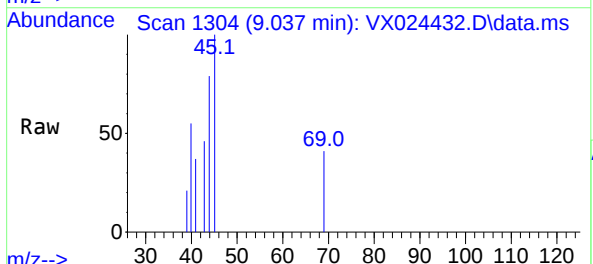
Instrument :
MSVOA_X
ClientSampled :
N71924

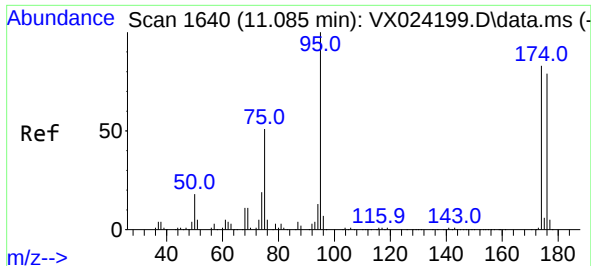
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 35.9 35.4 53.0



#56
Ethyl methacrylate
Concen: 1.401 ug/l
RT: 9.037 min Scan# 1304
Delta R.T. -0.085 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

Tgt Ion: 69 Resp: 114
Ion Ratio Lower Upper
69 100
41 88.6 46.8 70.2#
39 20.2 24.7 37.1#

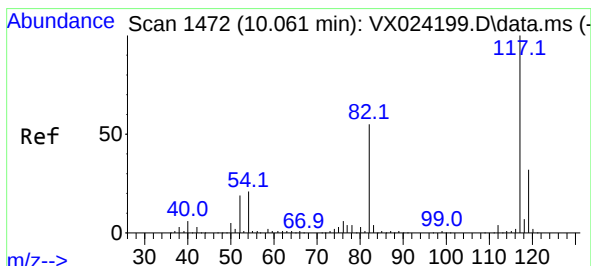
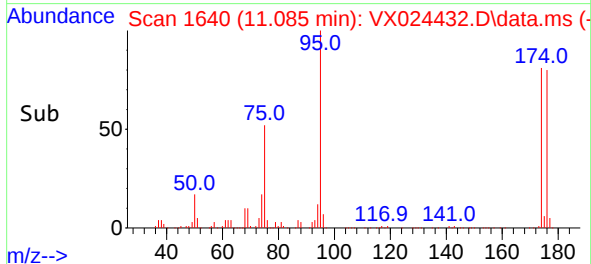
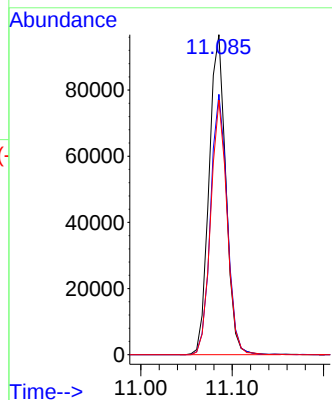
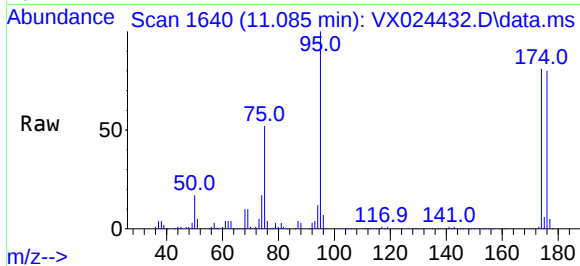




#62
4-Bromofluorobenzene
Concen: 55.683 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

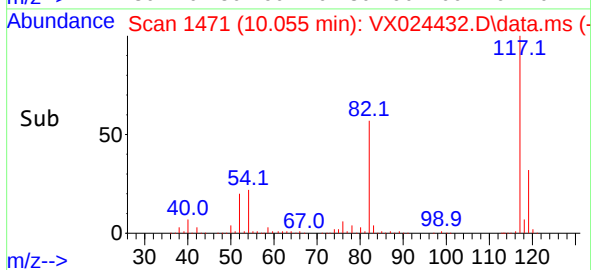
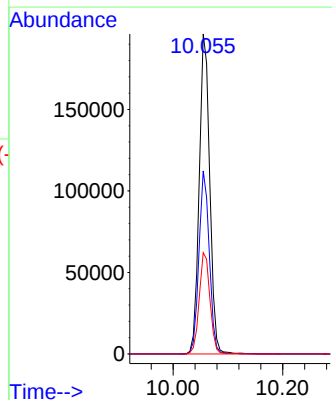
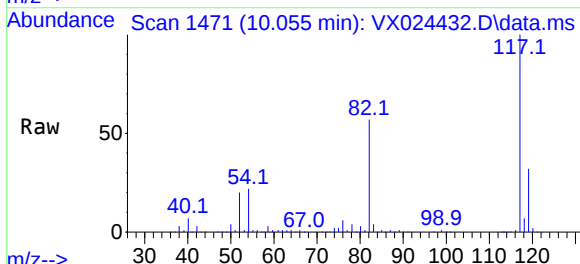
Instrument :
MSVOA_X
ClientSampleId :
N71924

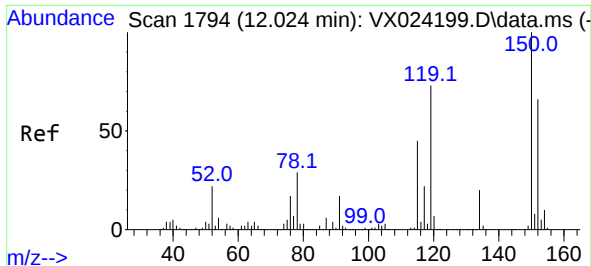
Tgt Ion: 95 Resp: 122872
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

Tgt Ion: 117 Resp: 263094
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.7 26.6 39.8

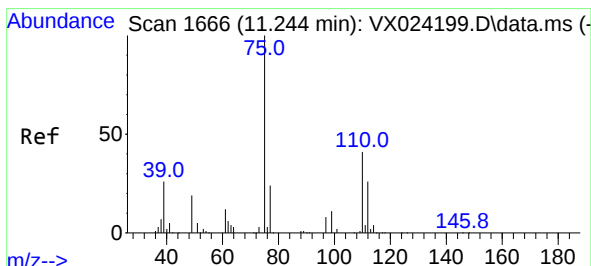
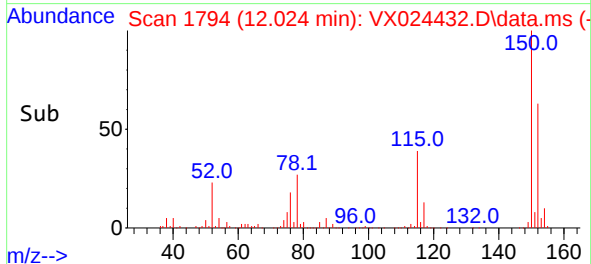
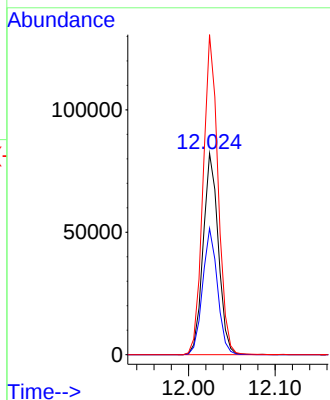
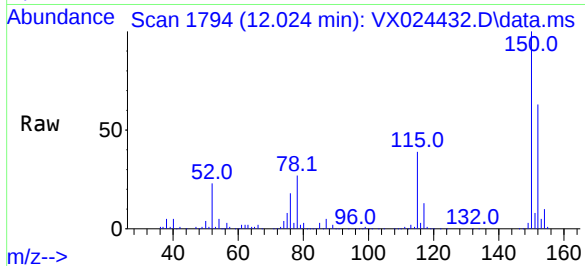




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

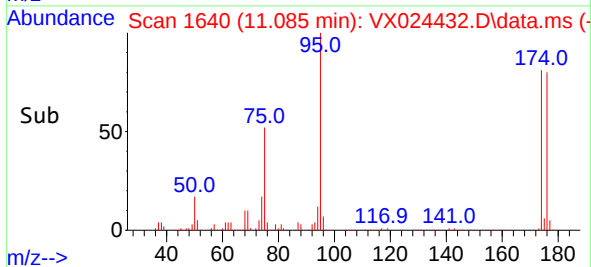
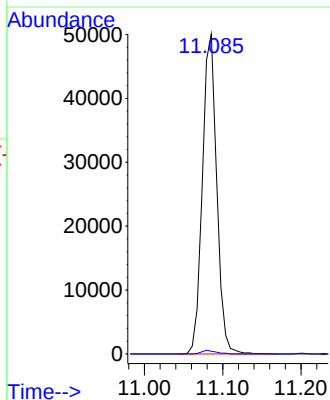
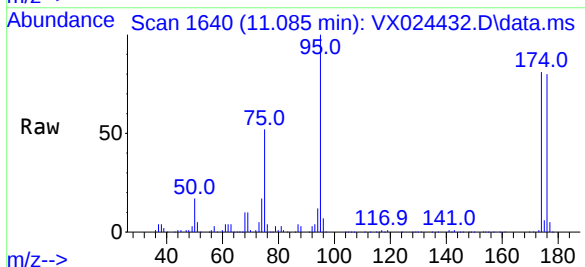
Instrument :
MSVOA_X
ClientSampled :
N71924

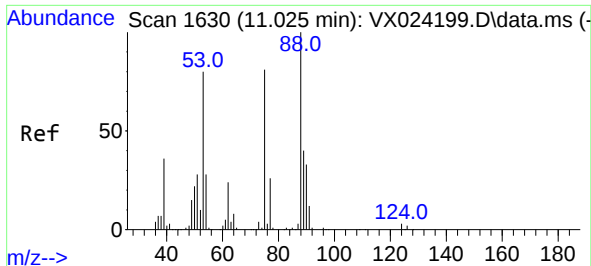
Tgt Ion:152 Resp: 99982
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 156.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.650 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

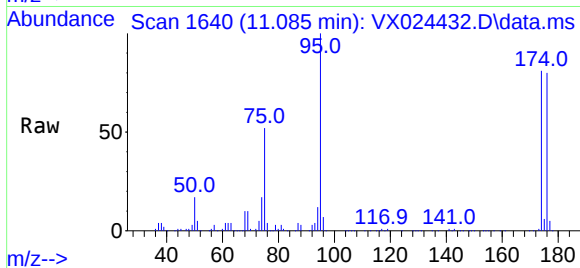
Tgt Ion: 75 Resp: 63568
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



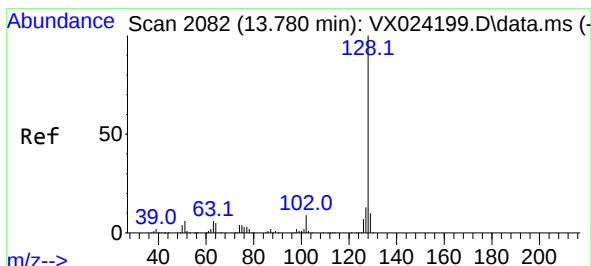
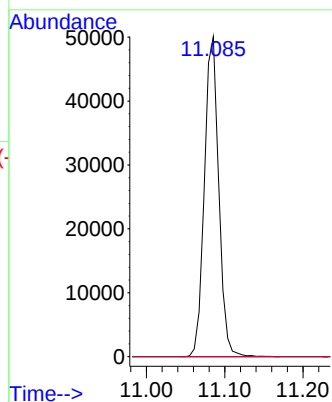
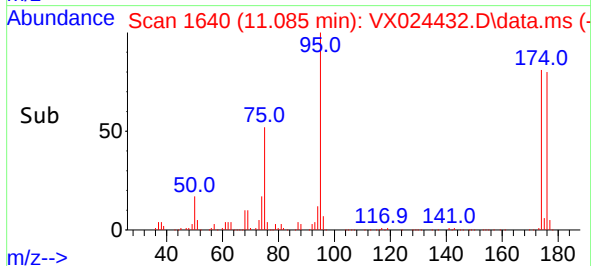


#81
trans-1,4-Dichloro-2-butene
Concen: 81.320 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20

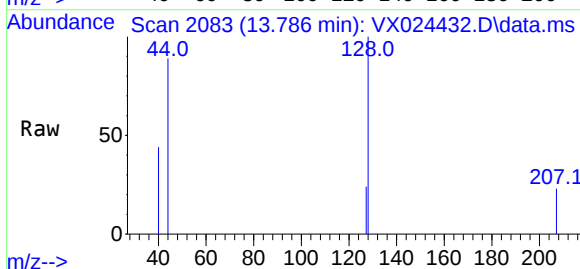
Instrument :
MSVOA_X
ClientSampled :
N71924



Tgt Ion: 75 Resp: 63568
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.330 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024432.D
Acq: 22 Sep 2021 14:20



Tgt Ion: 128 Resp: 315
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 0.0 8.8 13.2#

