

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024392.D
 Acq On : 21 Sep 2021 17:36
 Operator : JC/MD
 Sample : M3835-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:51:52 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)

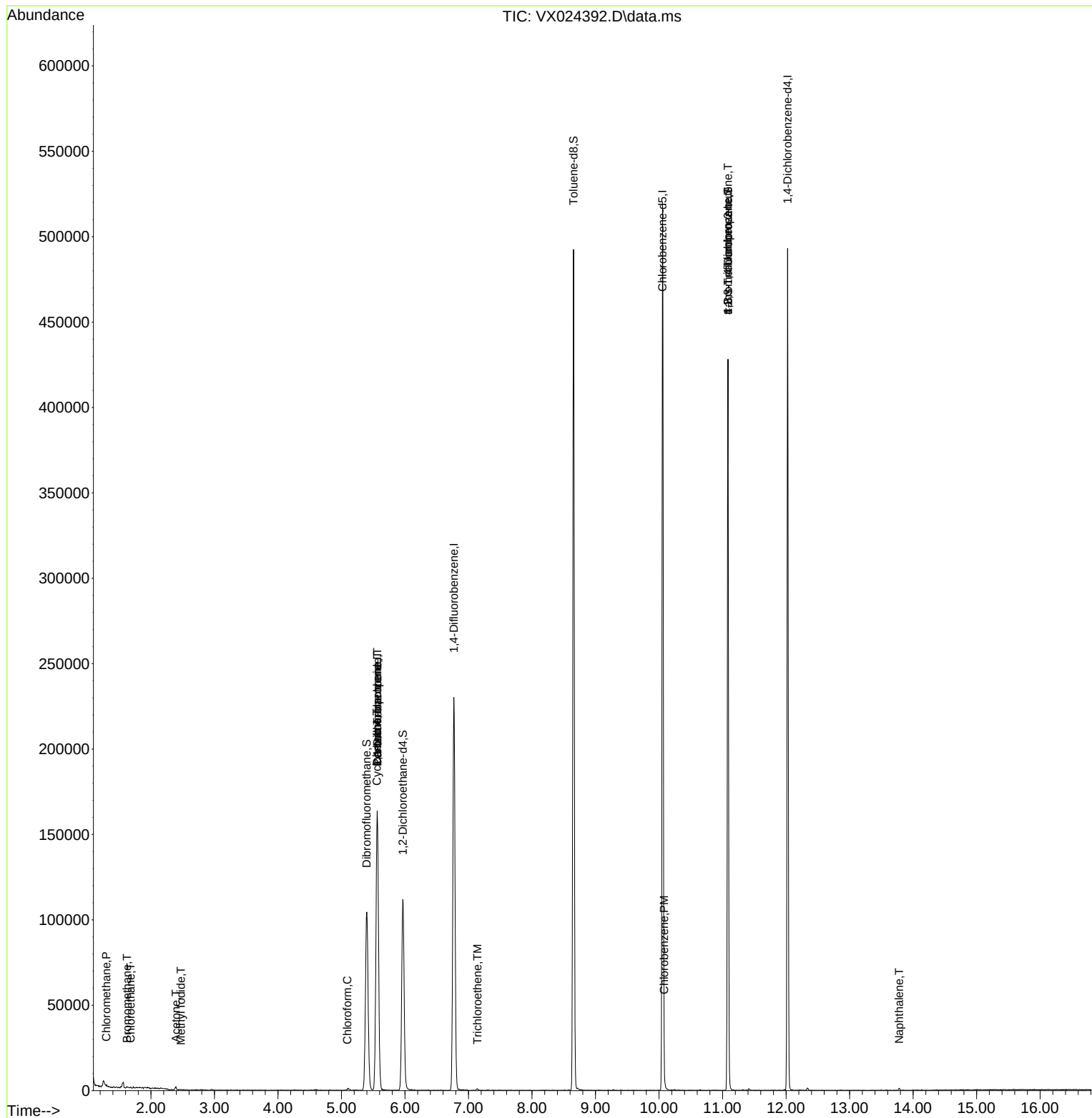
Internal Standards						
1) Pentafluorobenzene	5.562	168	154822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114408	51.822	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.640%		
35) Dibromofluoromethane	5.397	113	91533	59.716	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 119.440%		
50) Toluene-d8	8.653	98	281406	50.396	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.800%		
62) 4-Bromofluorobenzene	11.085	95	103405	47.585	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.160%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	335	0.216	ug/l #	42
5) Bromomethane	1.624	94	412	0.447	ug/l #	47
6) Chloroethane	1.679	64	352	0.345	ug/l #	43
10) Methyl Iodide	2.471	142	459	0.218	ug/l #	83
11) Tert butyl alcohol	2.947	59	256	Below Cal	#	73
16) Acetone	2.392	43	1809	1.922	ug/l #	79
30) Chloroform	5.093	83	1327	0.417	ug/l #	76
31) Cyclohexane	5.556	56	3287	1.273	ug/l #	5
36) 1,1-Dichloropropene	5.562	75	12217	5.814	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15556	6.577	ug/l #	17
44) Trichloroethene	7.141	130	375	0.221	ug/l	76
65) Chlorobenzene	10.079	112	1237	0.269	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	57435	25.719	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57435	75.639	ug/l #	12
95) Naphthalene	13.780	128	926	1.417	ug/l	97

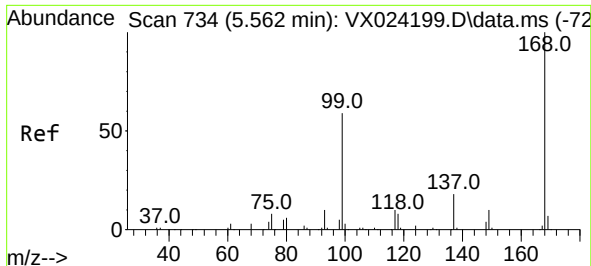
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

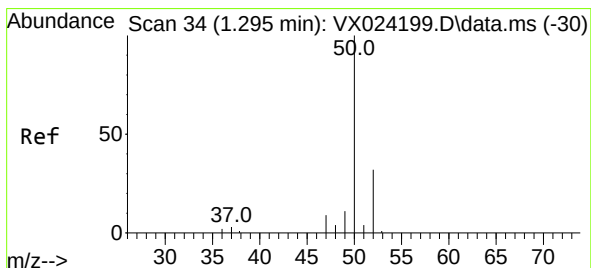
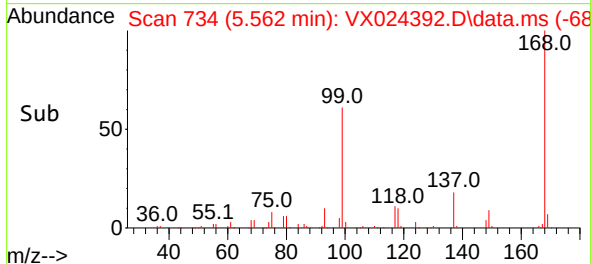
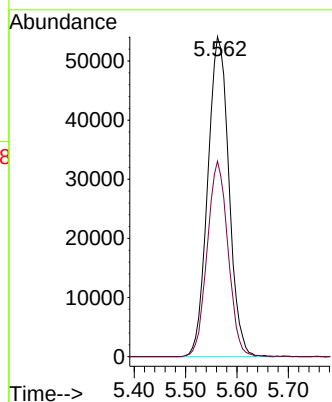
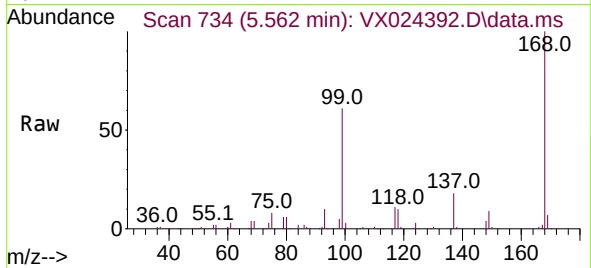




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

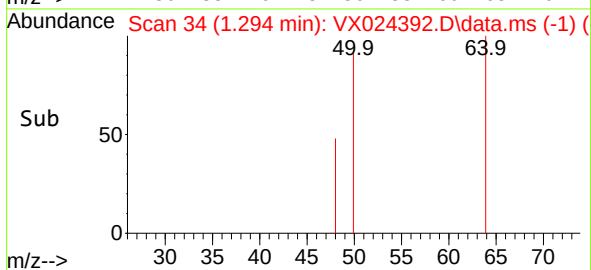
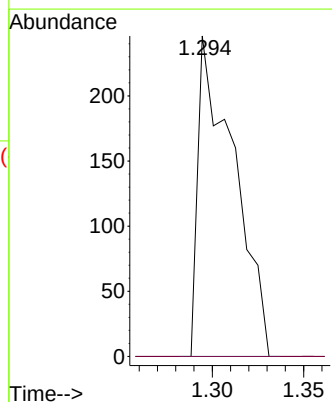
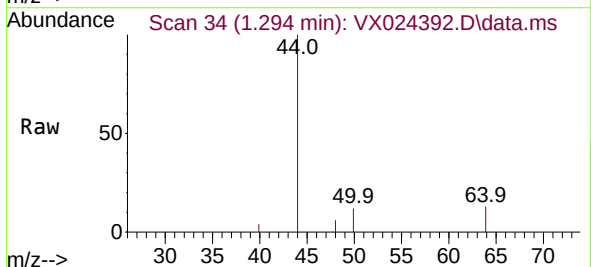
Instrument :
MSVOA_N
ClientSampled :

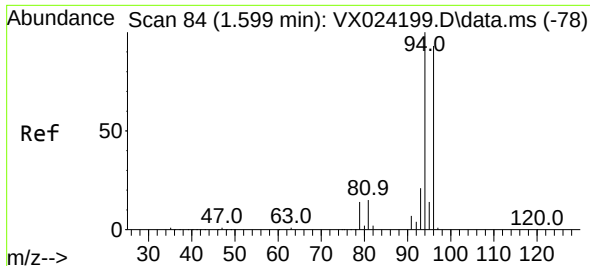
Tgt Ion:168 Resp: 154822
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.6



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion: 50 Resp: 335
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

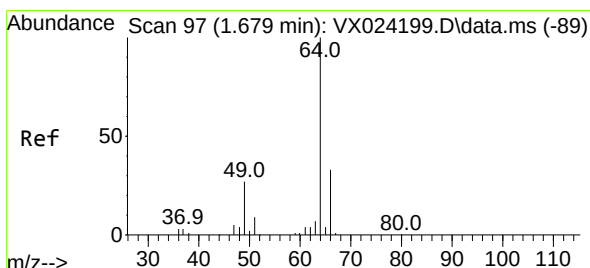
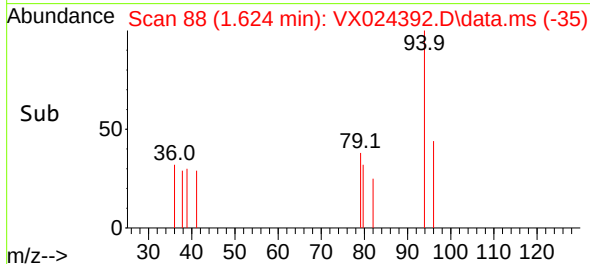
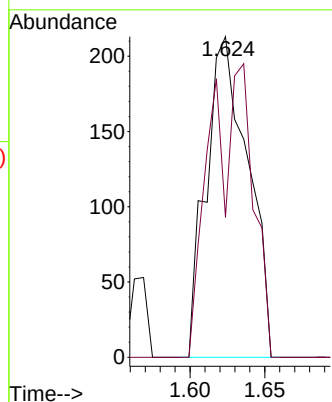
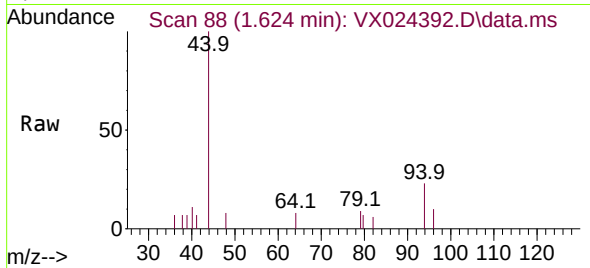




#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

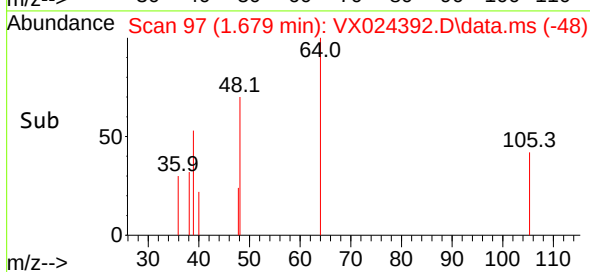
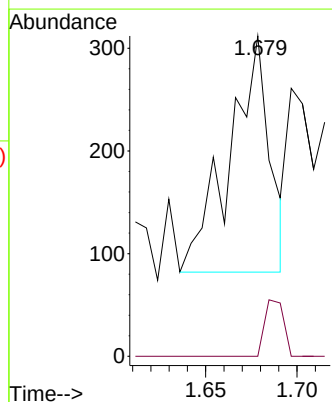
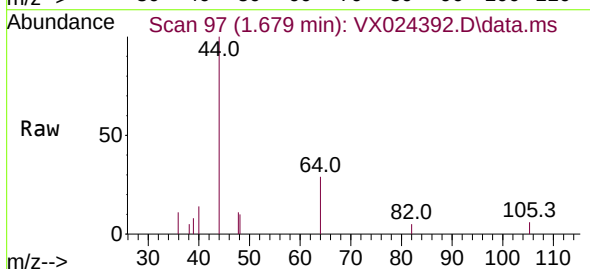
Instrument :
MSVOA_N
ClientSampled :

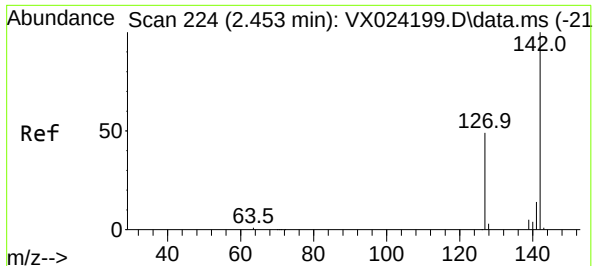
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 43.7 76.4 114.6#



#6
Chloroethane
Concen: 0.345 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

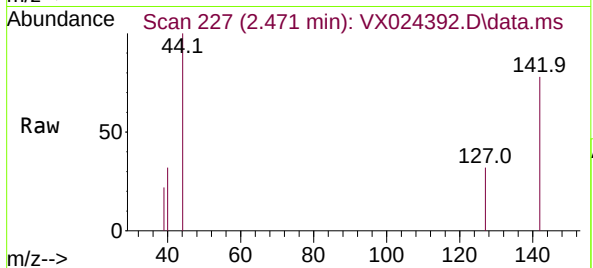
Tgt Ion: 64 Resp: 352
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



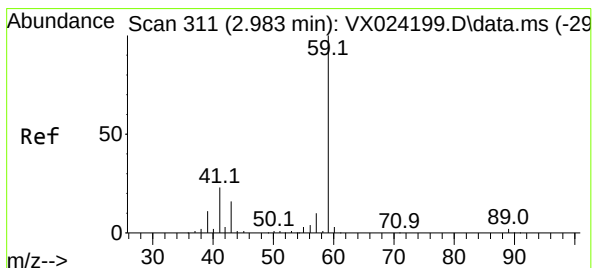
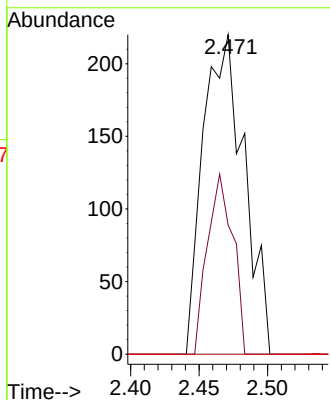
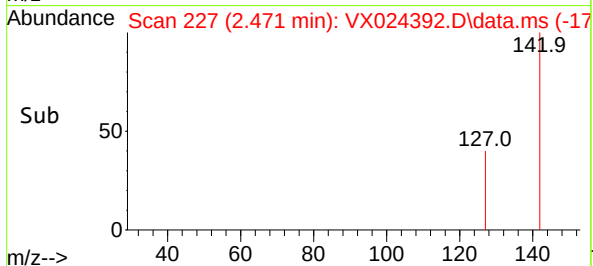


#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

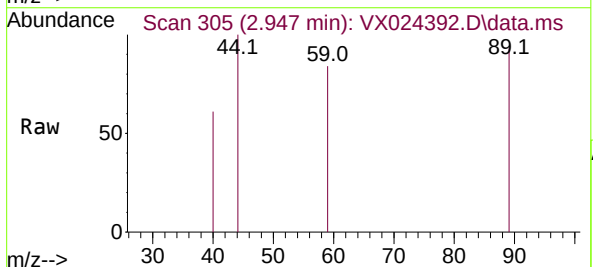
Instrument :
MSVOA_N
ClientSampled :



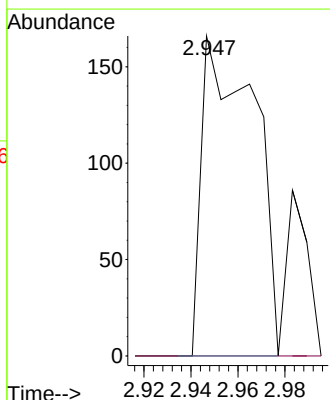
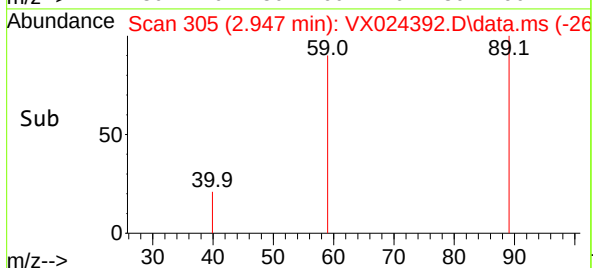
Tgt Ion:142 Resp: 459
Ion Ratio Lower Upper
142 100
127 34.9 33.3 49.9
141 0.0 11.4 17.0#

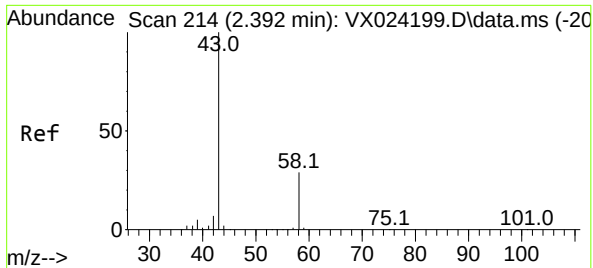


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36



Tgt Ion: 59 Resp: 256
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

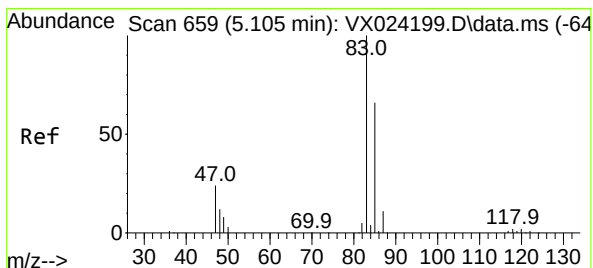
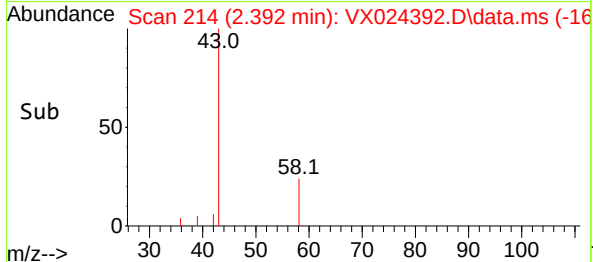
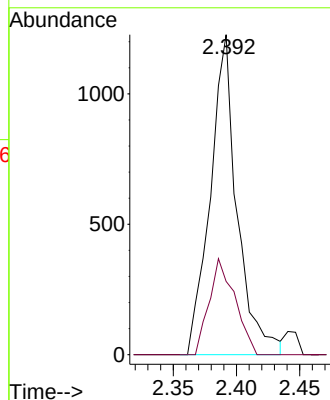
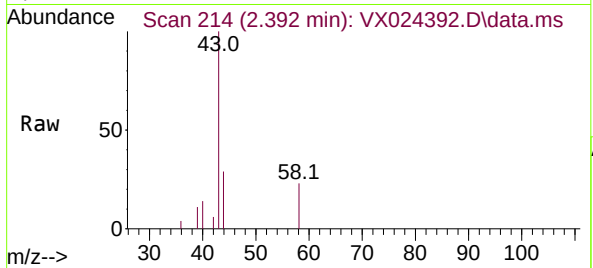




#16
Acetone
Concen: 1.922 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

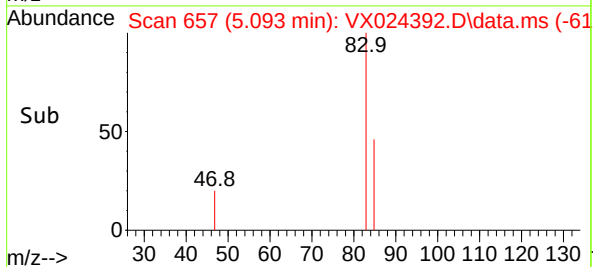
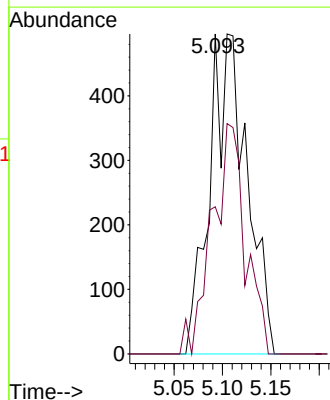
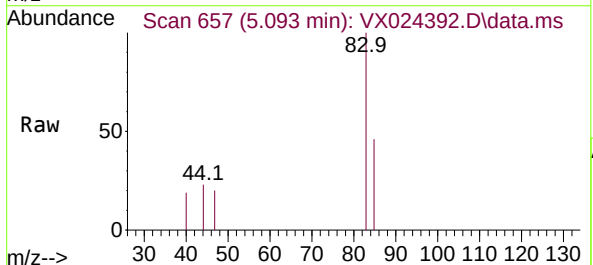
Instrument :
MSVOA_N
ClientSampled :

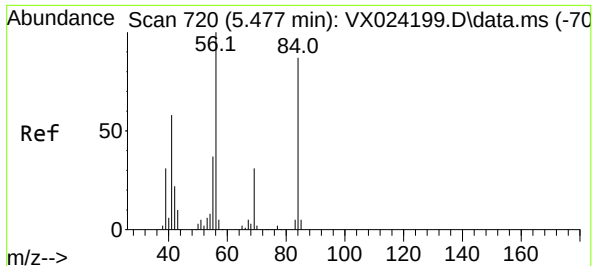
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 22.9 27.8 41.8#



#30
Chloroform
Concen: 0.417 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion: 83 Resp: 1327
Ion Ratio Lower Upper
83 100
85 46.0 52.0 78.0#

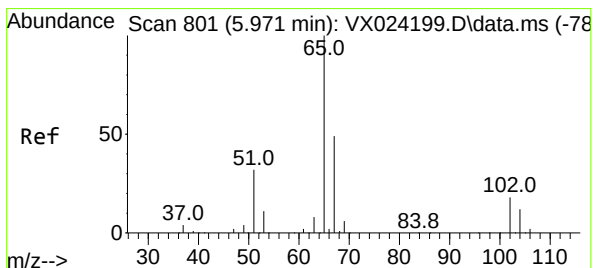
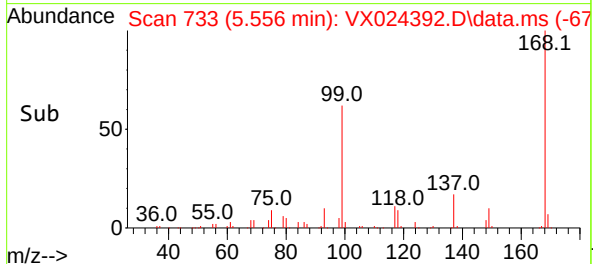
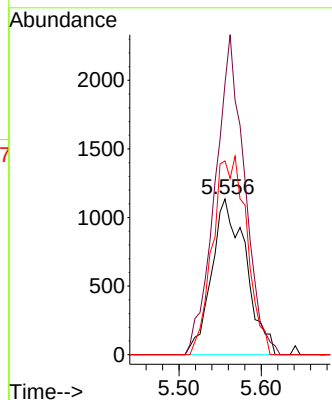
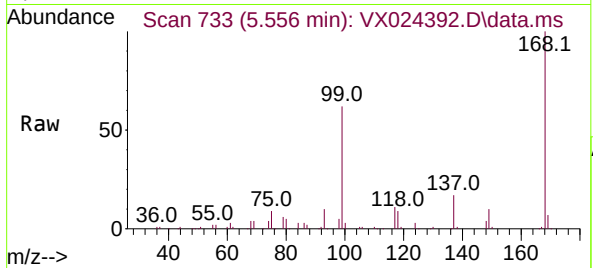




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

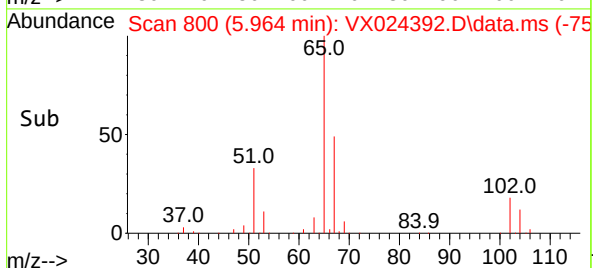
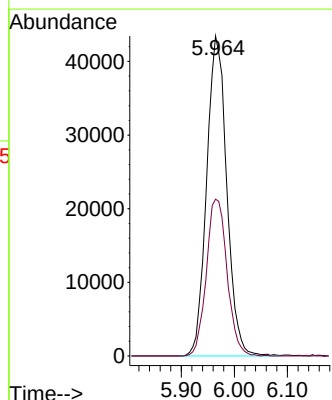
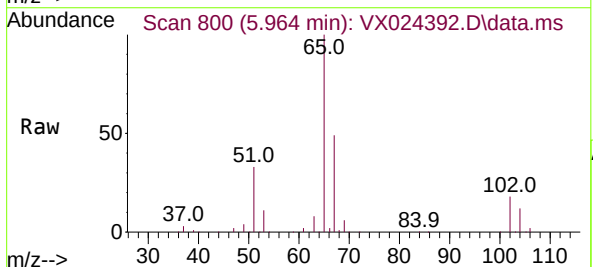
Instrument :
MSVOA_N
ClientSampled :

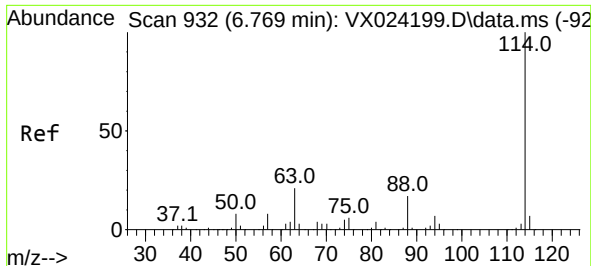
Tgt Ion: 56 Resp: 3287
Ion Ratio Lower Upper
56 100
69 174.2 25.3 37.9#
84 124.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.822 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion: 65 Resp: 114408
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

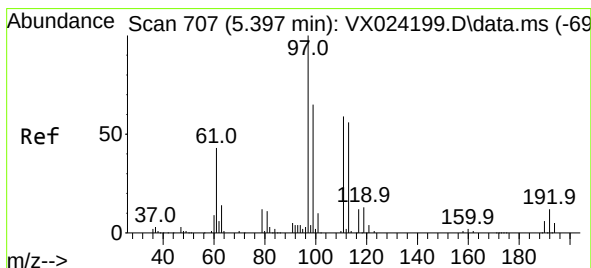
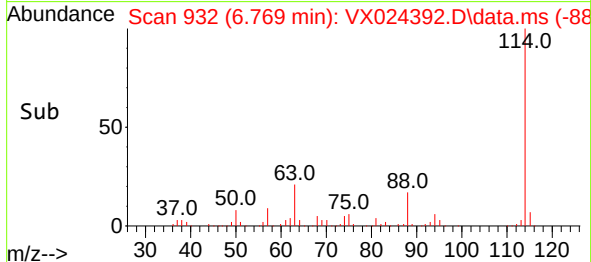
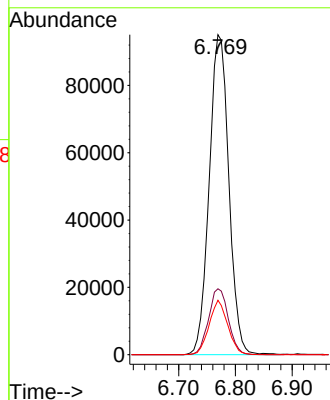
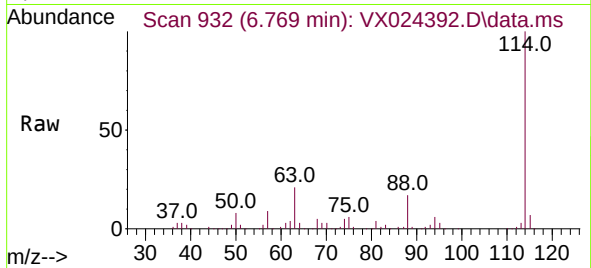




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

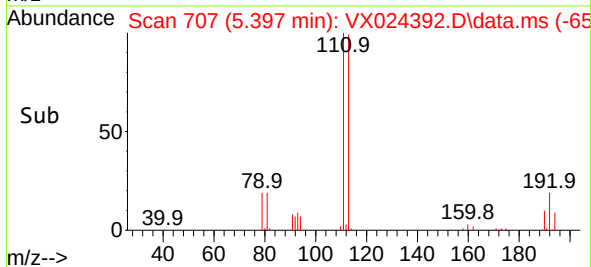
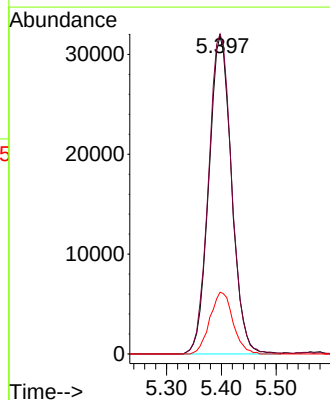
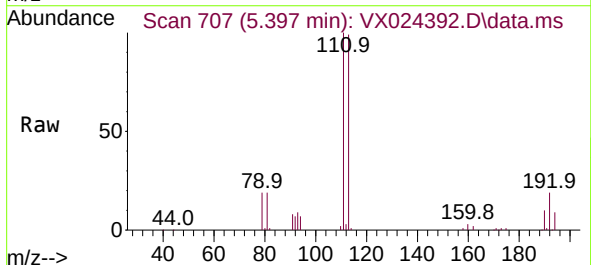
Instrument :
MSVOA_N
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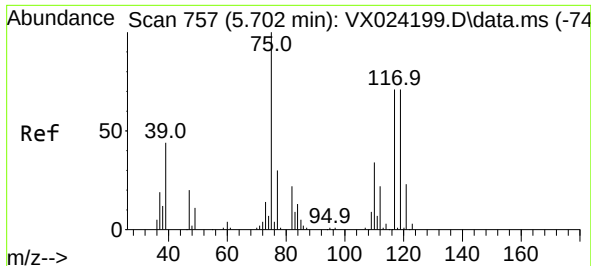
Tgt Ion:114 Resp: 228556
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 59.716 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion:113 Resp: 91533
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.7 16.7 25.1

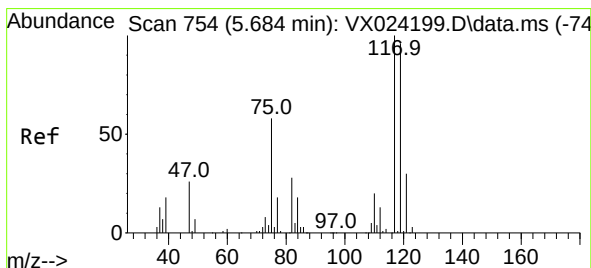
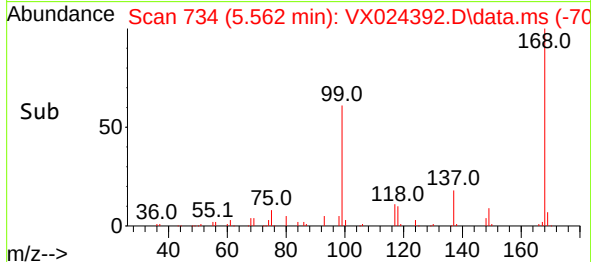
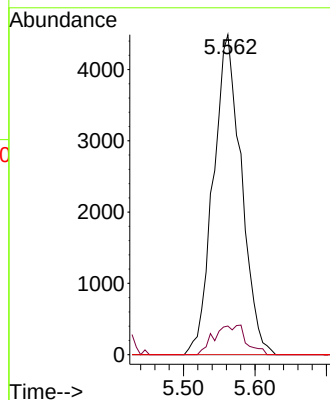
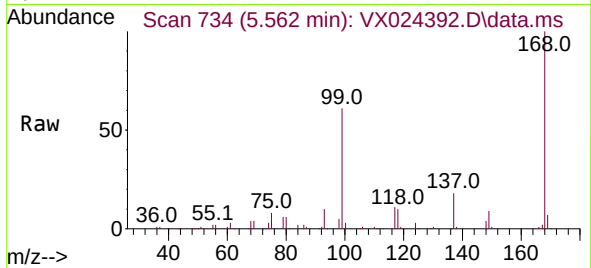




#36
1,1-Dichloropropene
Concen: 5.814 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

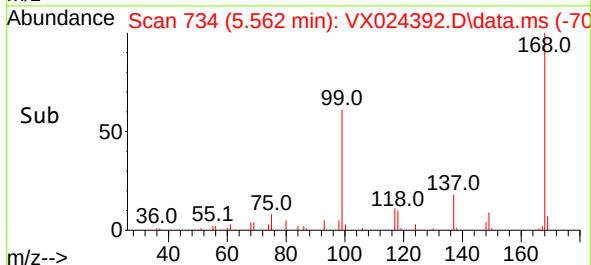
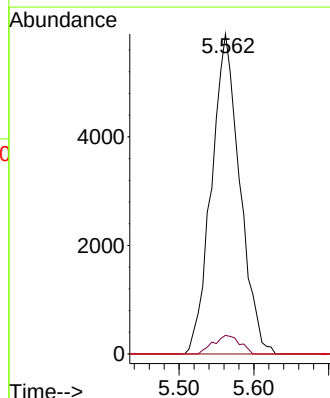
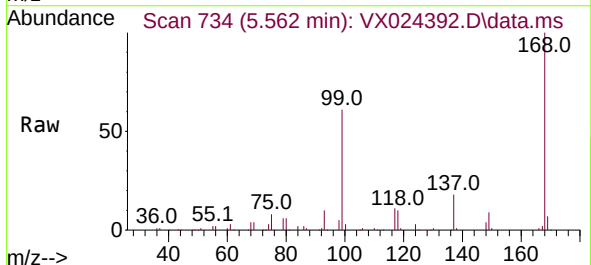
Instrument :
MSVOA_N
ClientSampled :

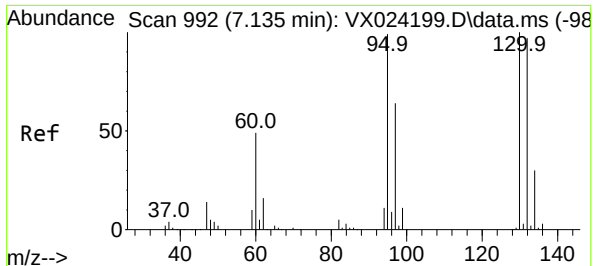
Tgt Ion: 75 Resp: 12217
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion: 117 Resp: 15556
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

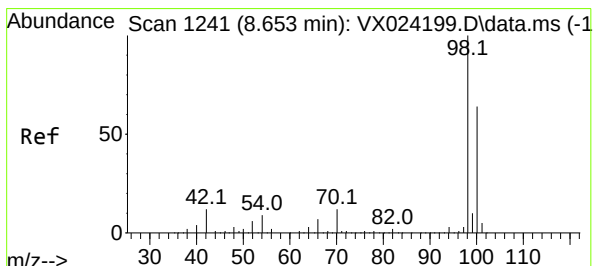
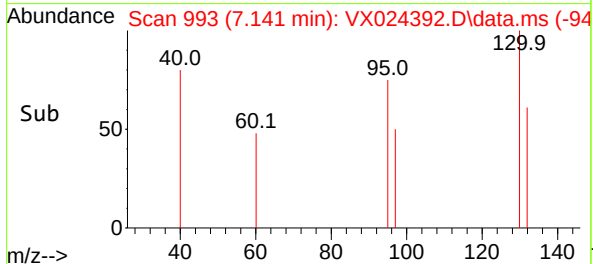
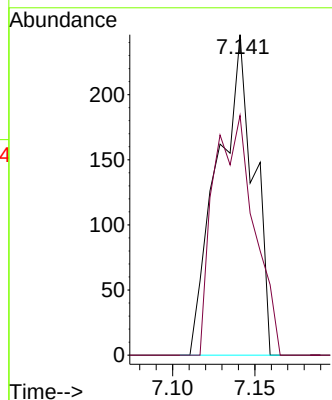
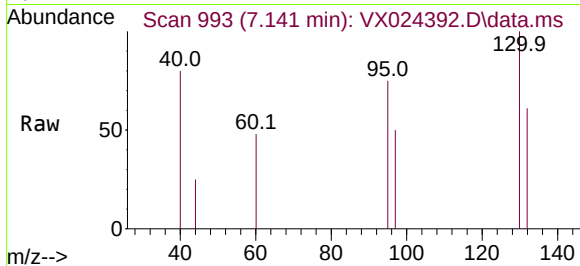




#44
Trichloroethene
Concen: 0.221 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

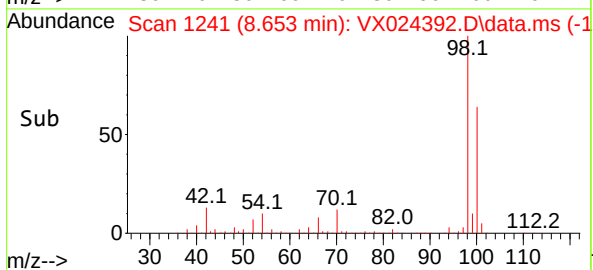
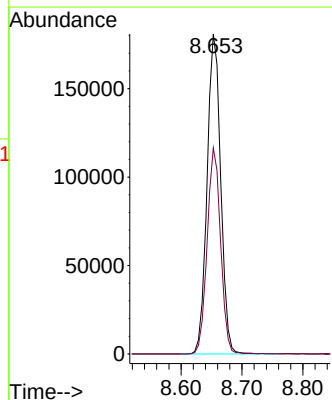
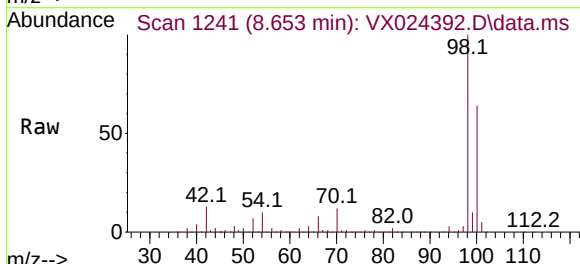
Instrument :
MSVOA_N
ClientSampled :

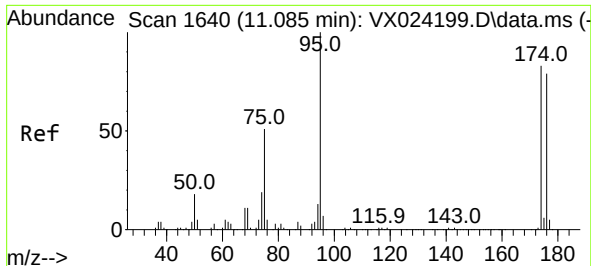
Tgt Ion:130 Resp: 375
Ion Ratio Lower Upper
130 100
95 74.8 0.0 198.0



#50
Toluene-d8
Concen: 50.396 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion: 98 Resp: 281406
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

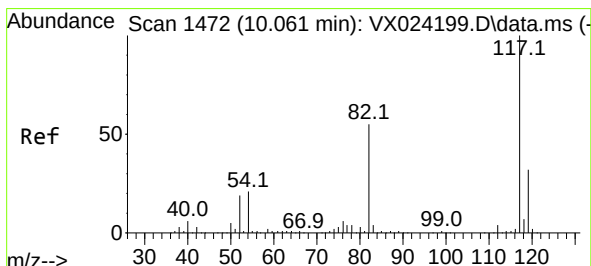
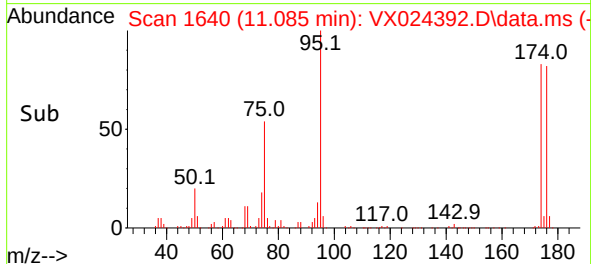
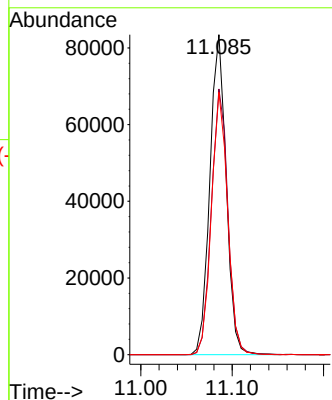
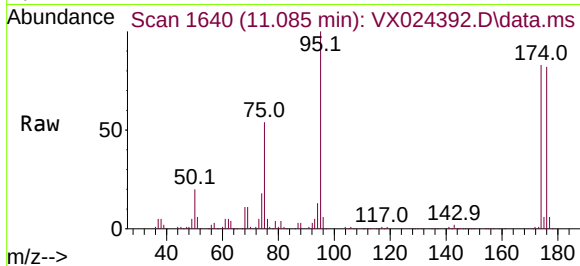




#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

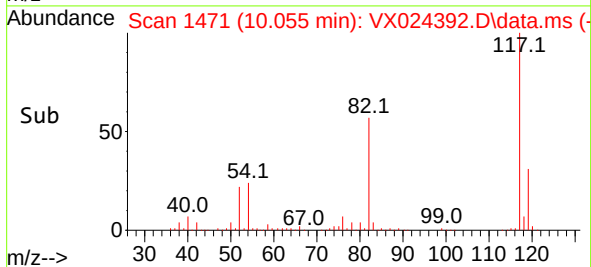
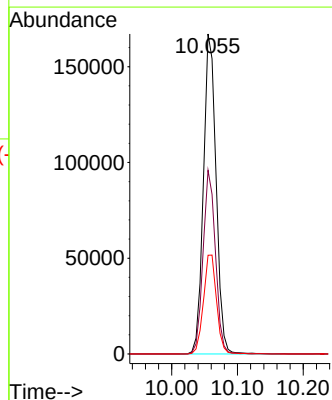
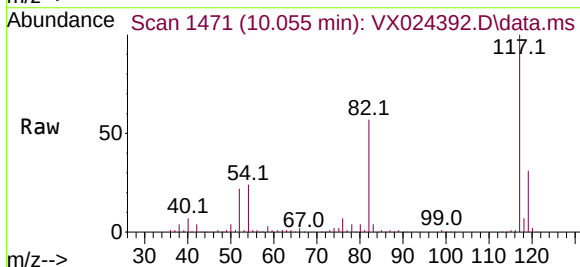
Instrument :
MSVOA_N
ClientSampleId :

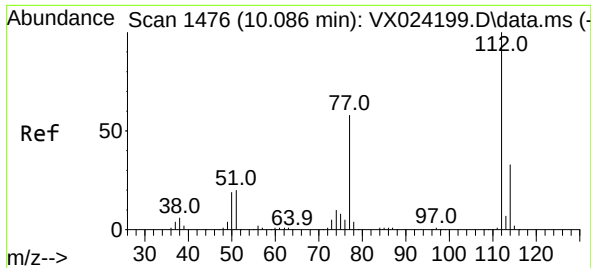
Tgt Ion: 95 Resp: 103405
Ion Ratio Lower Upper
95 100
174 84.0 0.0 154.6
176 81.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion: 117 Resp: 223875
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 30.9 26.6 39.8

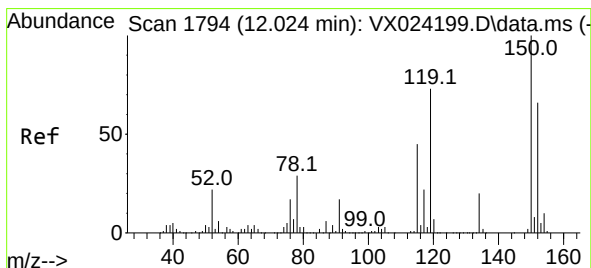
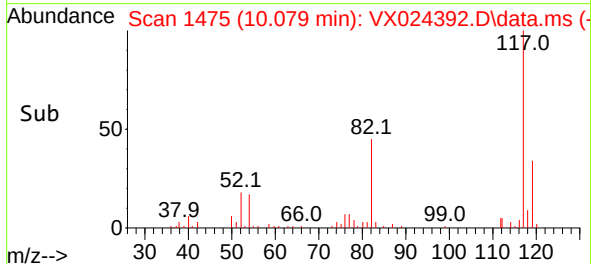
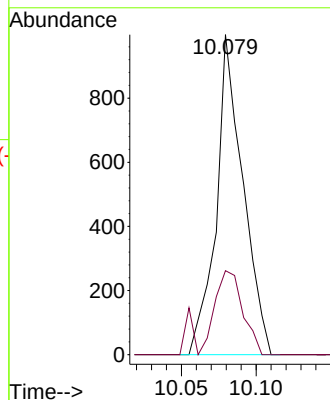
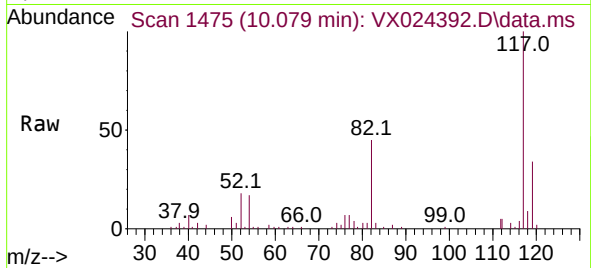




#65
Chlorobenzene
Concen: 0.269 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

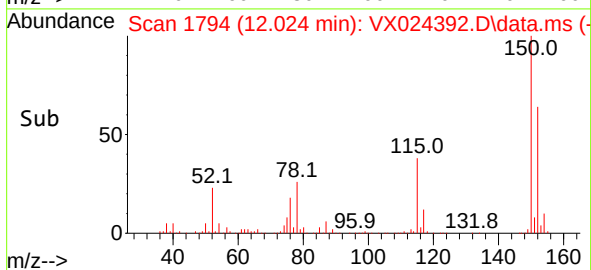
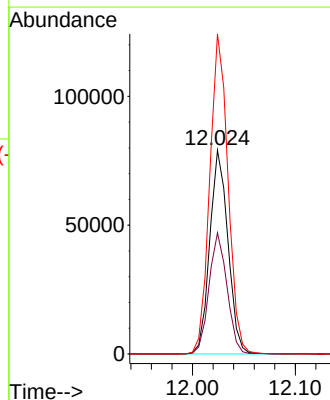
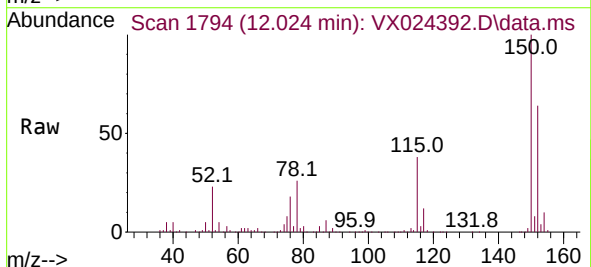
Instrument :
MSVOA_N
ClientSampled :

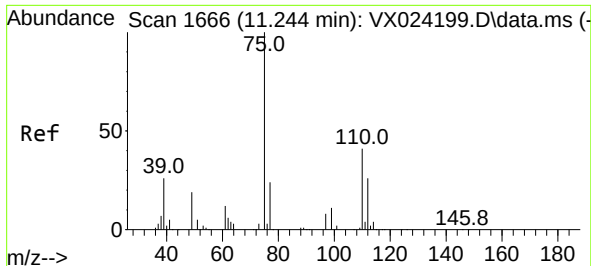
Tgt Ion:112 Resp: 1237
Ion Ratio Lower Upper
112 100
114 26.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Tgt Ion:152 Resp: 97120
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.7 0.0 349.0

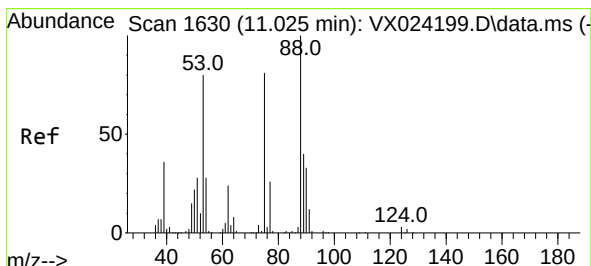
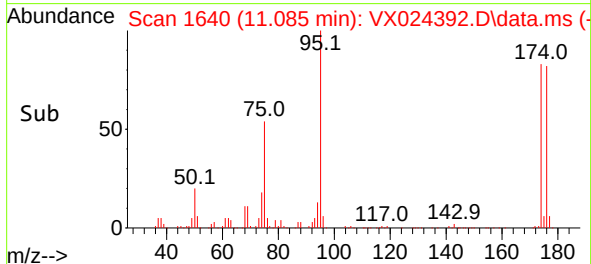
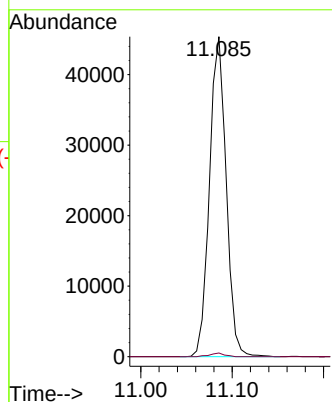
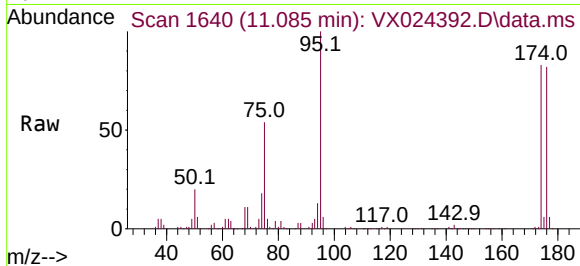




#76
1,2,3-Trichloropropane
Concen: 25.719 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

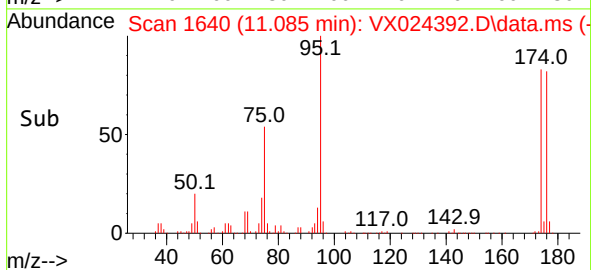
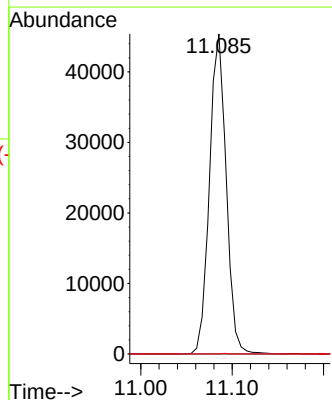
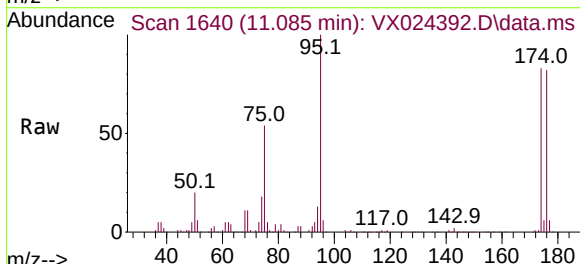
Instrument :
MSVOA_N
ClientSampled :

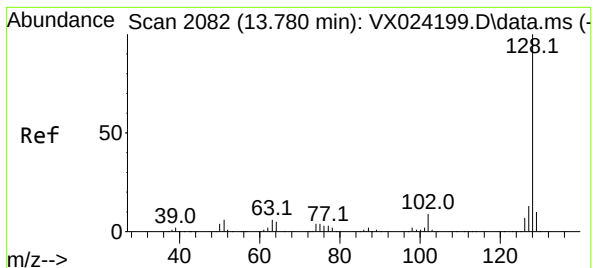
Tgt Ion: 75 Resp: 57435
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.639 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

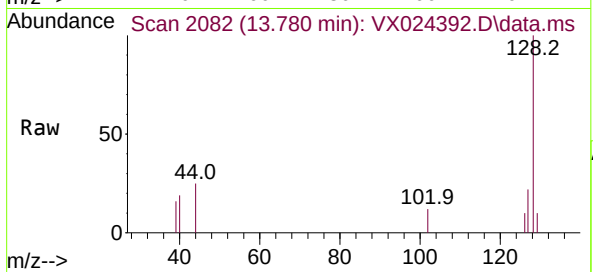
Tgt Ion: 75 Resp: 57435
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.417 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024392.D
Acq: 21 Sep 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	926
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	10.8	8.8	13.2

