

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101621\
 Data File : VX024832.D
 Acq On : 15 Oct 2021 16:20
 Operator : JC/MD
 Sample : VX1016WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 01:43:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

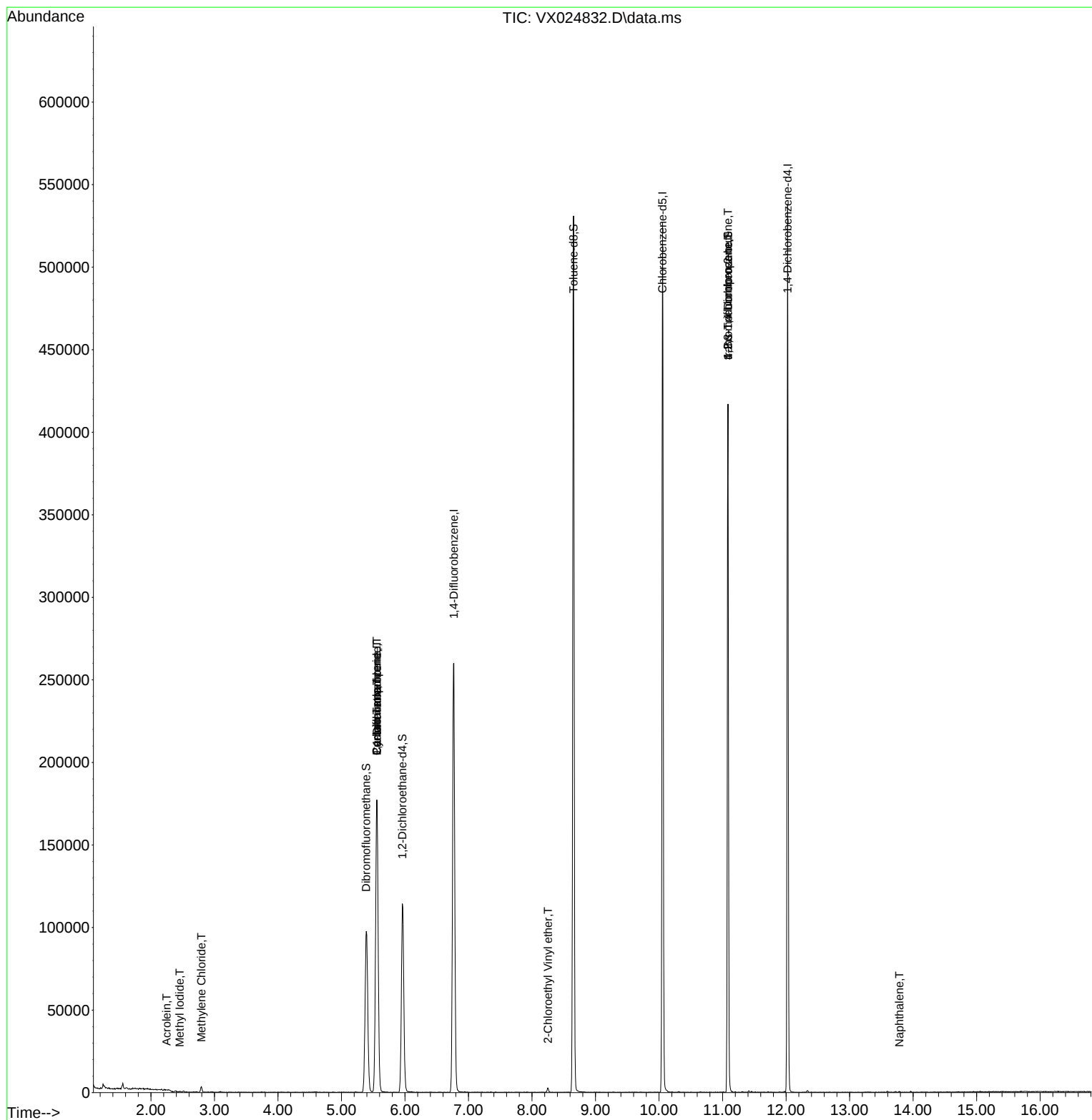
Internal Standards						
1) Pentafluorobenzene	5.556	168	167510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115055	55.883	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.760%		
35) Dibromofluoromethane	5.385	113	85775	53.929	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.860%		
50) Toluene-d8	8.653	98	319130	54.243	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.480%		
62) 4-Bromofluorobenzene	11.085	95	110635	47.812	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.620%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	432	Below Cal	#	61
10) Methyl Iodide	2.453	142	419	1.118	ug/l #	72
13) Acrolein	2.245	56	55	0.305	ug/l #	56
16) Acetone	2.392	43	788	Below Cal	#	70
20) Methylene Chloride	2.794	84	1477	0.846	ug/l #	95
31) Cyclohexane	5.556	56	3237	1.180	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	12841	5.431	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17883	6.750	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.250	63	1126	0.867	ug/l	93
70) Styrene	10.652	104	151	Below Cal	#	35
76) 1,2,3-Trichloropropane	11.085	75	55811	24.762	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	55811	66.727	ug/l #	9
95) Naphthalene	13.786	128	472	0.316	ug/l #	77

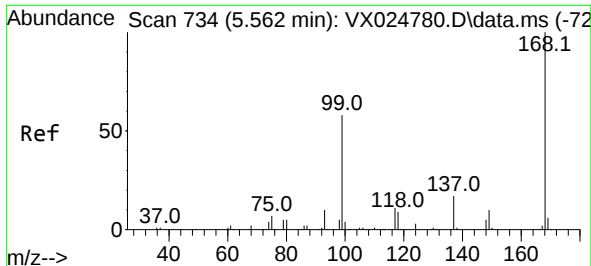
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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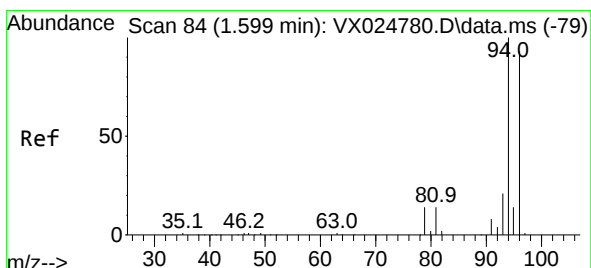
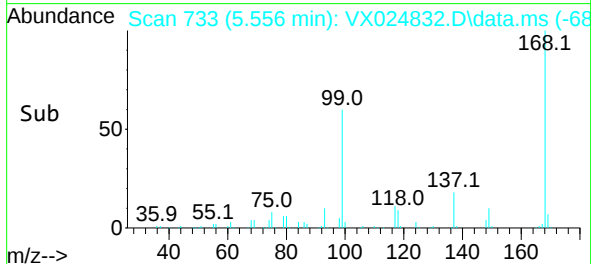
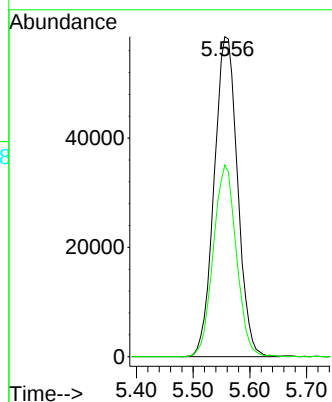
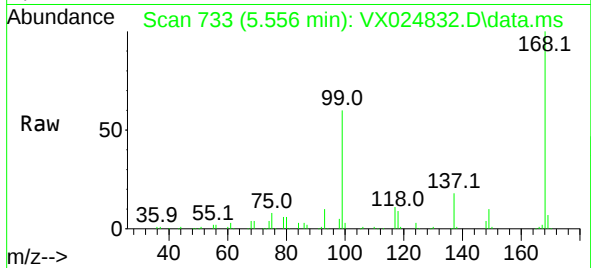




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

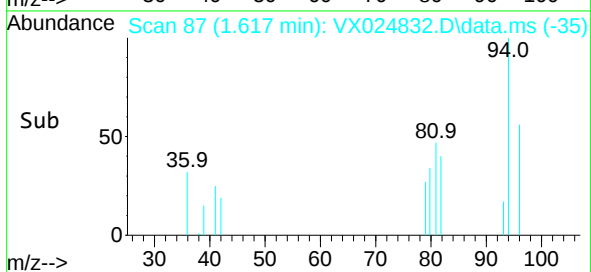
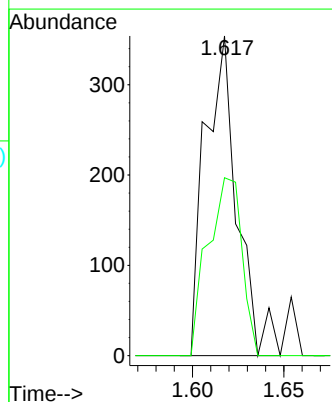
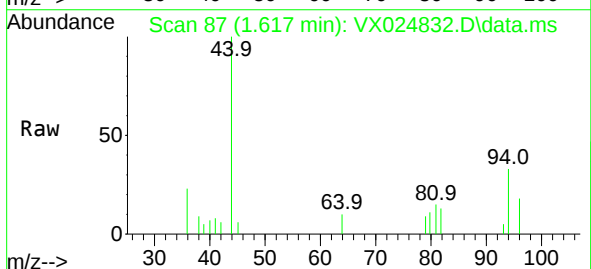
Instrument :
MSVOA_X
ClientSampleId :

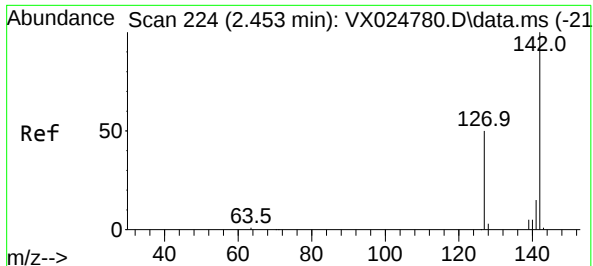
Tgt Ion:168 Resp: 167510
Ion Ratio Lower Upper
168 100
99 59.9 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

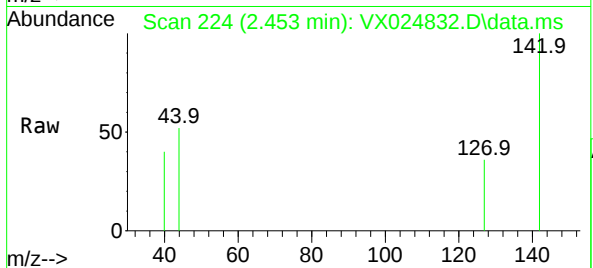
Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 55.6 74.8 112.2#



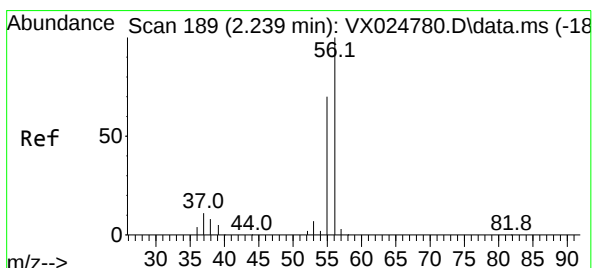
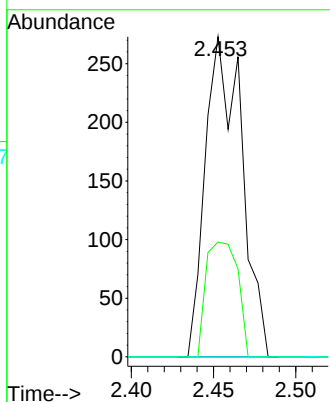
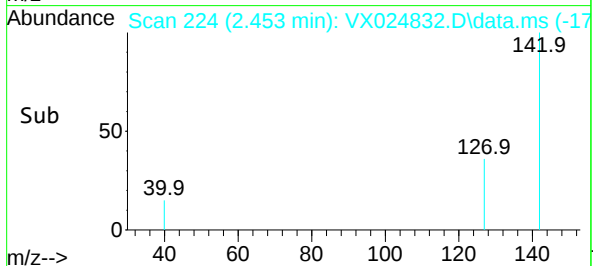


#10
Methyl Iodide
Concen: 1.118 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

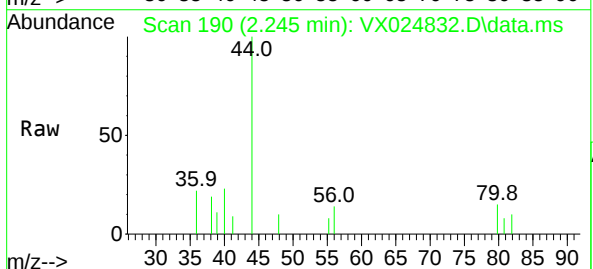
Instrument :
MSVOA_X
ClientSampled :



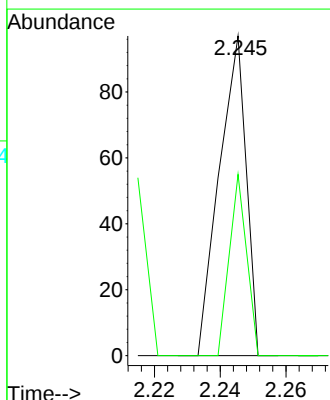
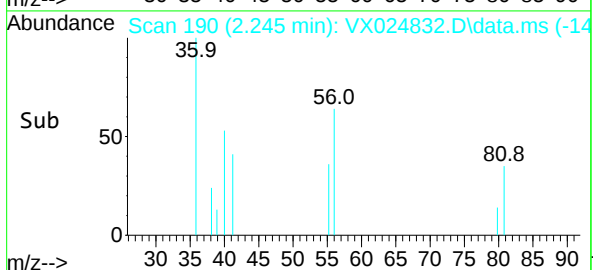
Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
127 31.3 38.9 58.3#
141 0.0 11.7 17.5#

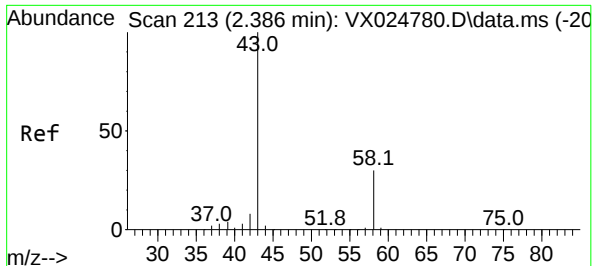


#13
Acrolein
Concen: 0.305 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20



Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 36.4 58.6 87.8#

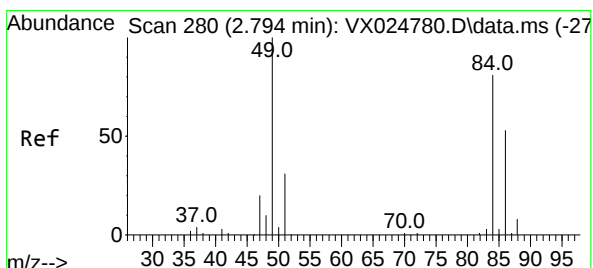
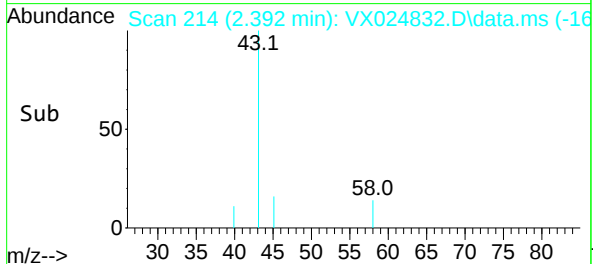
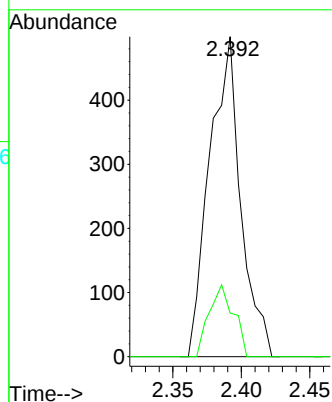
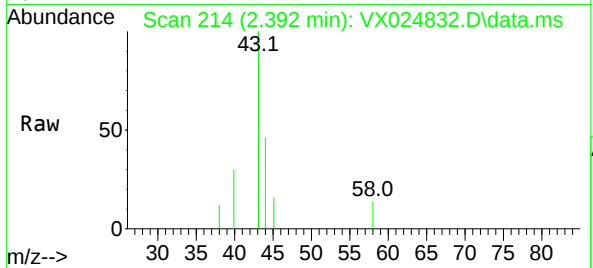




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

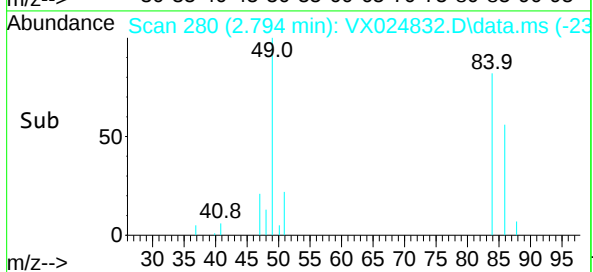
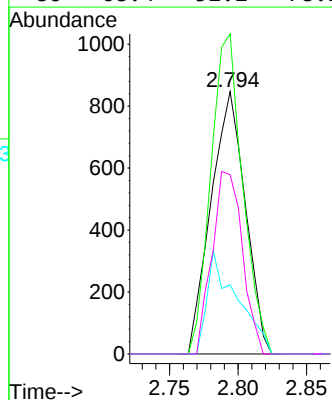
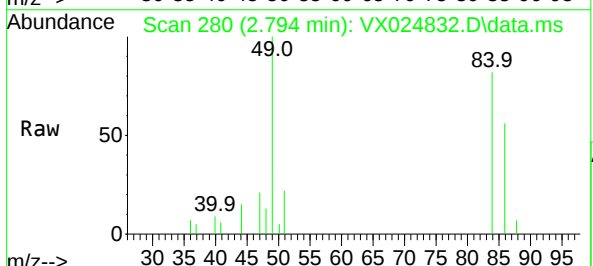
Instrument :
MSVOA_X
ClientSampled :

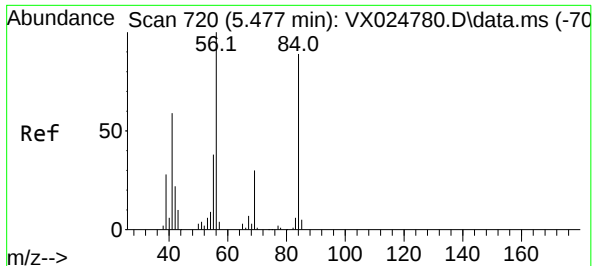
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 13.6 24.0 36.0#



#20
Methylene Chloride
Concen: 0.846 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

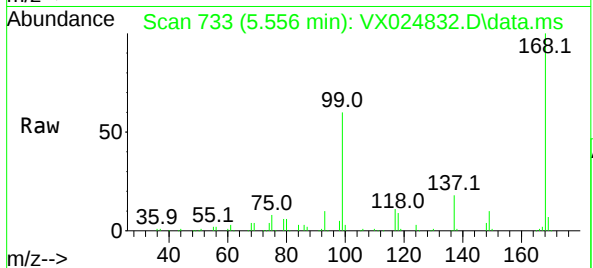
Tgt Ion: 84 Resp: 1477
Ion Ratio Lower Upper
84 100
49 122.0 98.2 147.2
51 26.3 30.2 45.4#
86 68.4 52.2 78.2



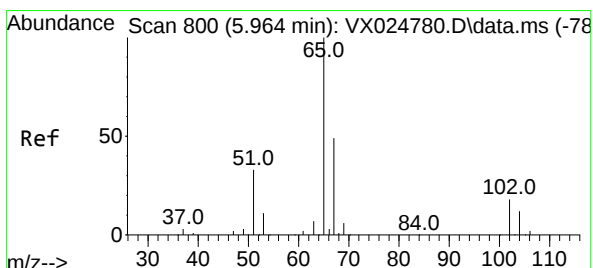
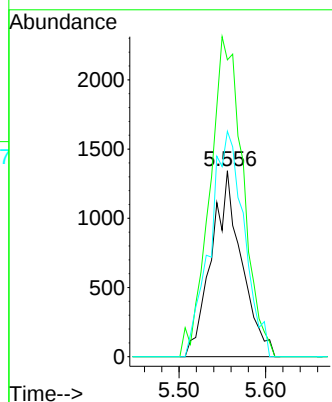
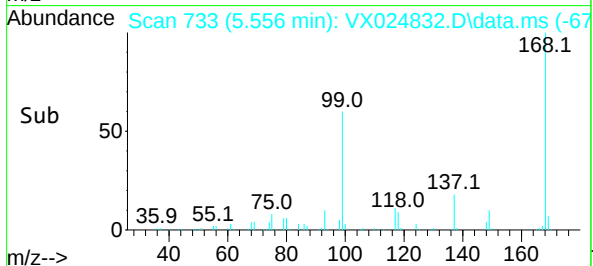


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

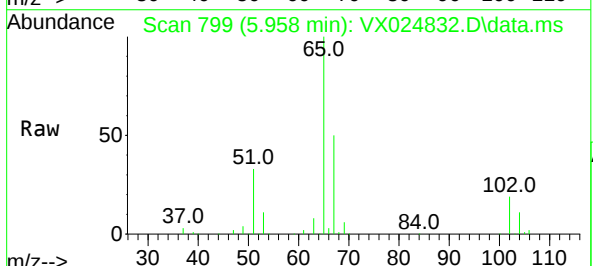
Instrument :
MSVOA_X
ClientSampled :



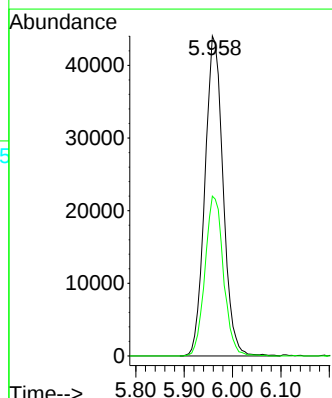
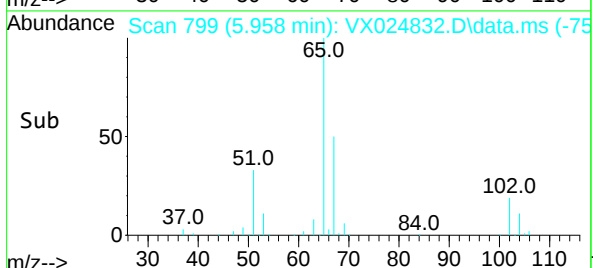
Tgt Ion: 56 Resp: 3237
Ion Ratio Lower Upper
56 100
69 159.7 24.2 36.2#
84 121.3 71.5 107.3#

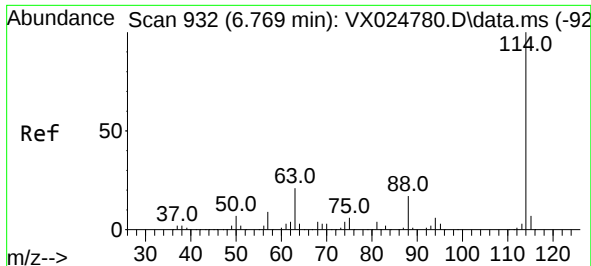


#33
1,2-Dichloroethane-d4
Concen: 55.883 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20



Tgt Ion: 65 Resp: 115055
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.0

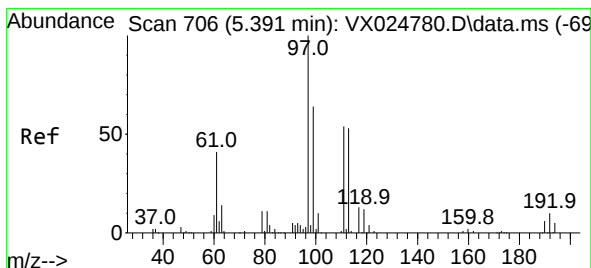
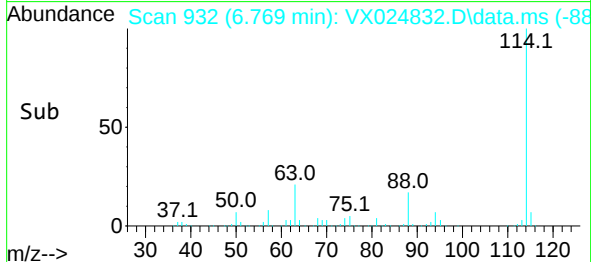
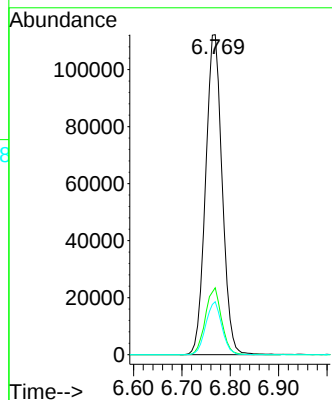
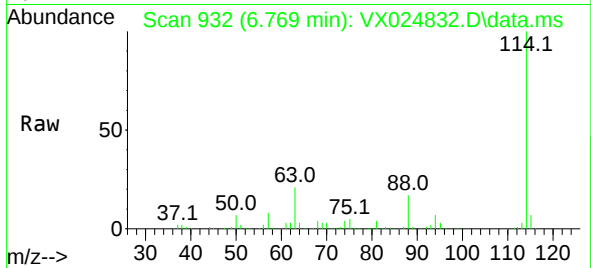




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

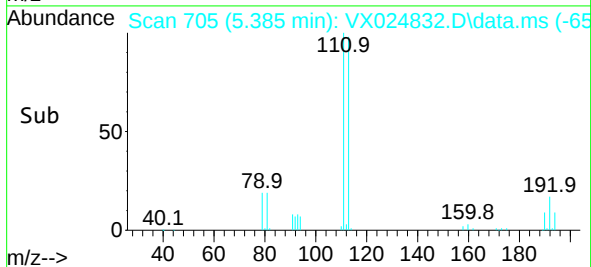
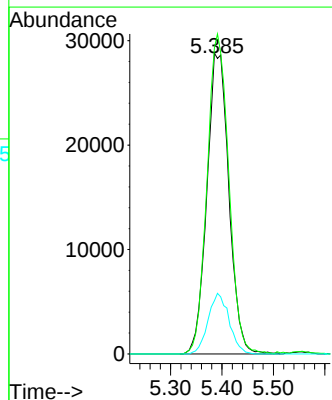
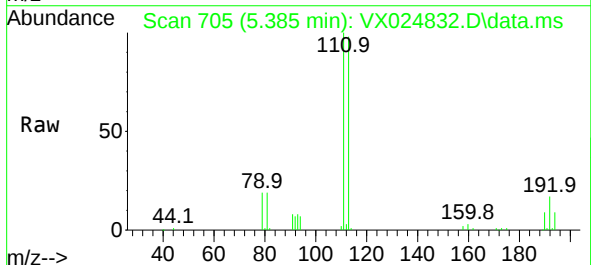
Instrument :
MSVOA_X
ClientSampled :

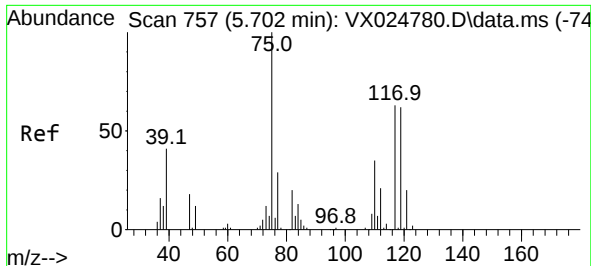
Tgt Ion:114 Resp: 267170
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 16.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

Tgt Ion:113 Resp: 85775
Ion Ratio Lower Upper
113 100
111 104.7 82.1 123.1
192 19.2 15.6 23.4

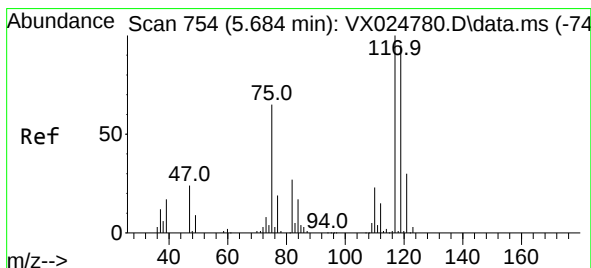
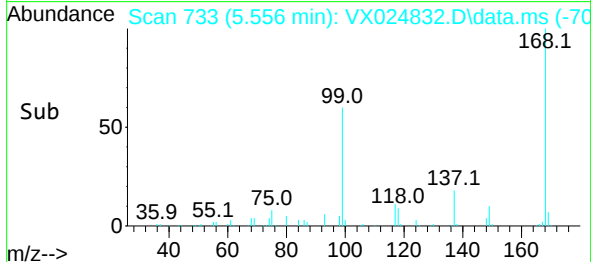
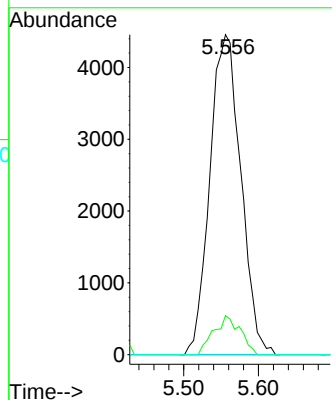
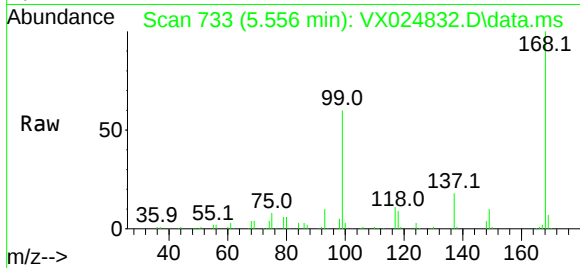




#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

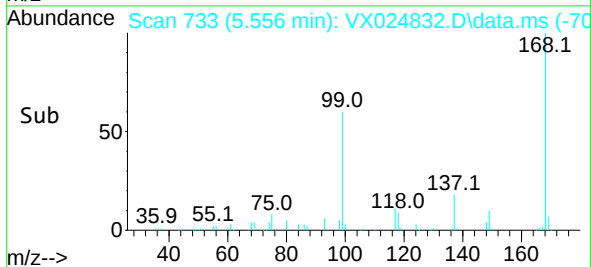
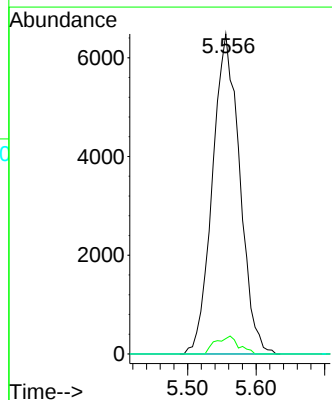
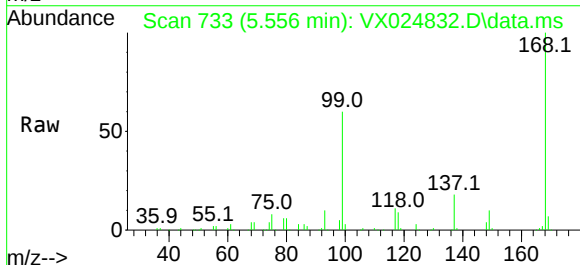
Instrument :
MSVOA_X
ClientSampled :

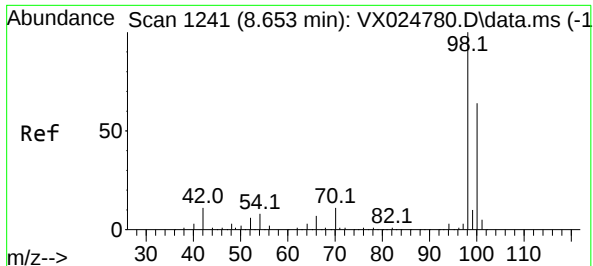
Tgt Ion: 75 Resp: 12841
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

Tgt Ion:117 Resp: 17883
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 54.243 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024832.D

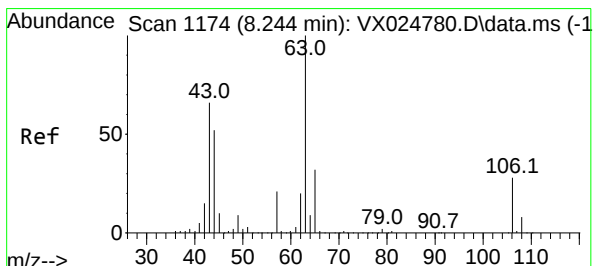
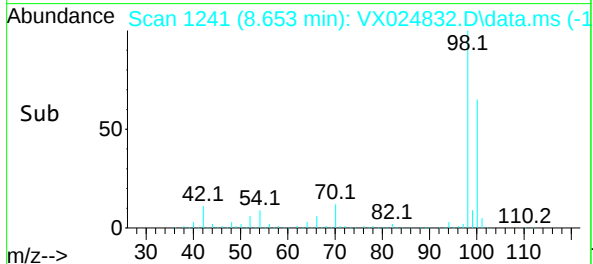
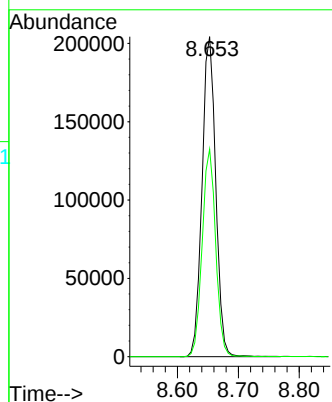
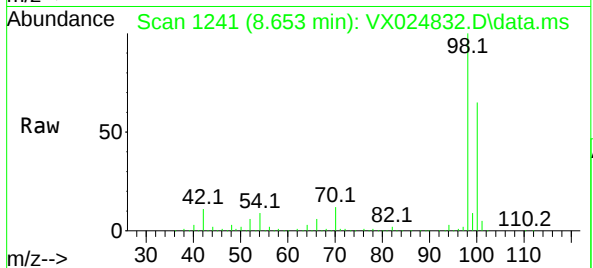
Acq: 15 Oct 2021 16:20

Tgt Ion: 98 Resp: 319130

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.867 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX024832.D

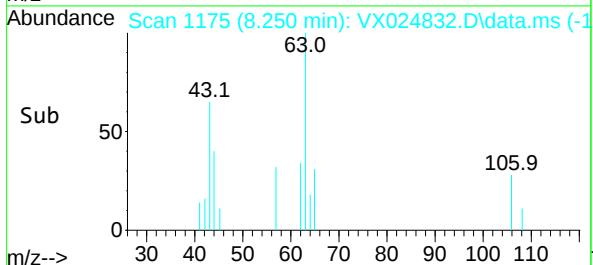
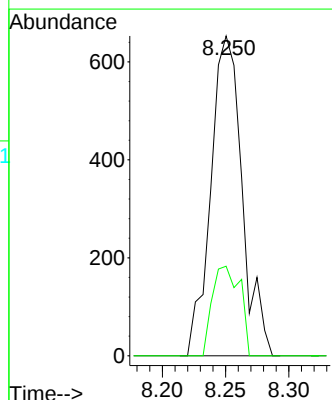
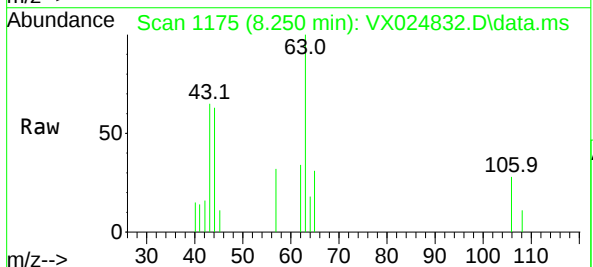
Acq: 15 Oct 2021 16:20

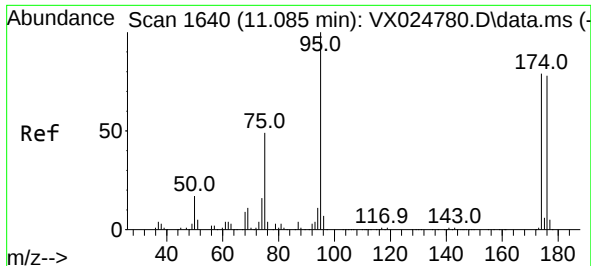
Tgt Ion: 63 Resp: 1126

Ion Ratio Lower Upper

63 100

106 24.7 22.8 34.2

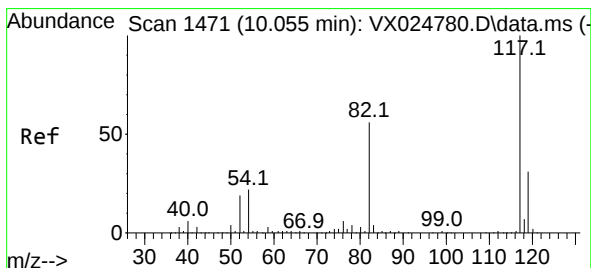
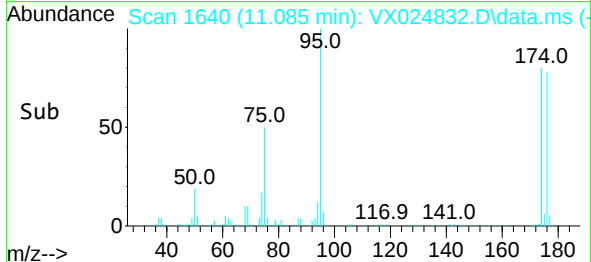
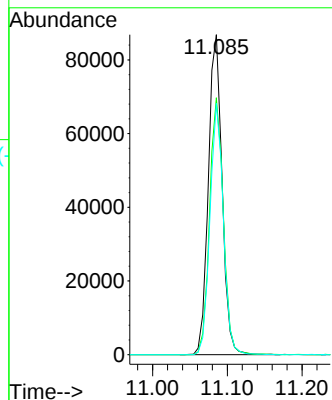
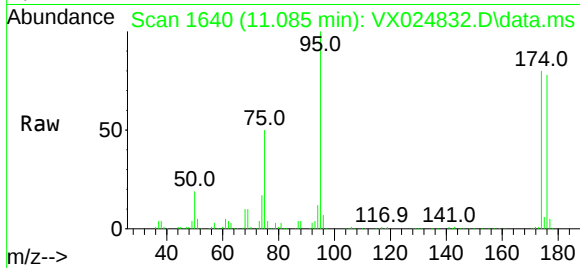




#62
4-Bromofluorobenzene
Concen: 47.812 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

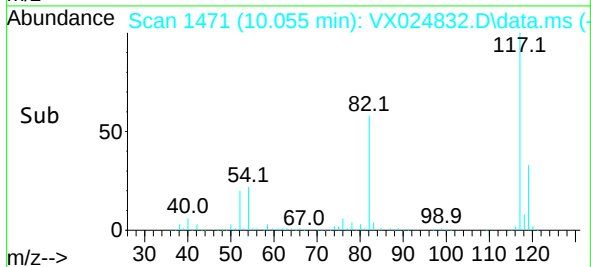
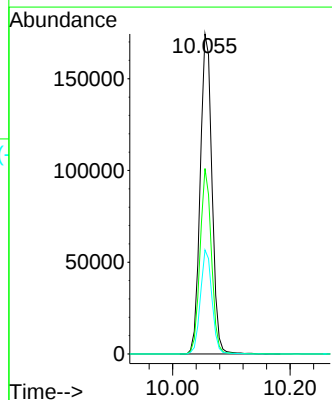
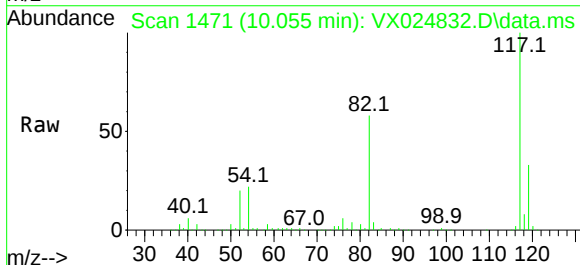
Instrument :
MSVOA_X
ClientSampleId :

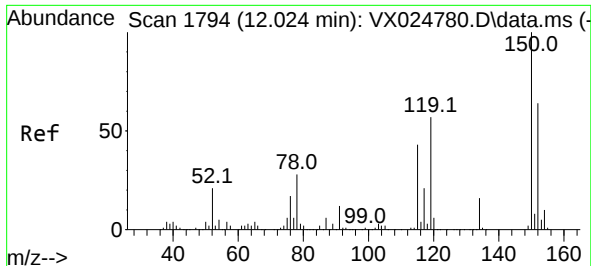
Tgt Ion: 95 Resp: 110635
Ion Ratio Lower Upper
95 100
174 80.3 0.0 158.0
176 76.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

Tgt Ion: 117 Resp: 241746
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 32.5 24.8 37.2

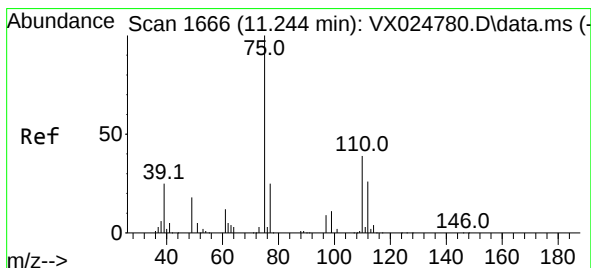
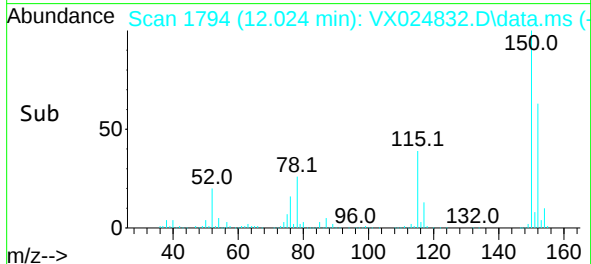
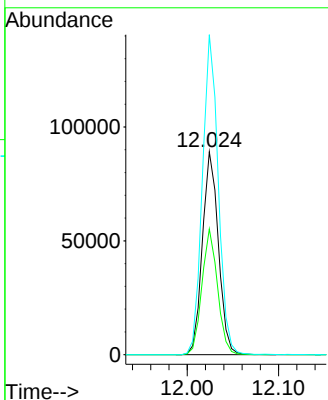
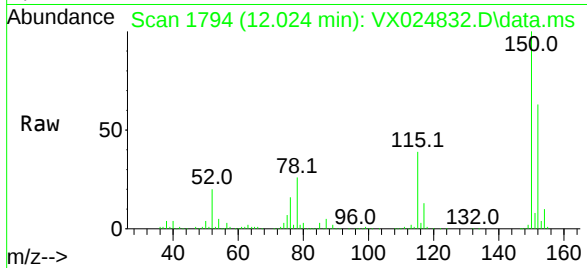




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024832.D
 Acq: 15 Oct 2021 16:20

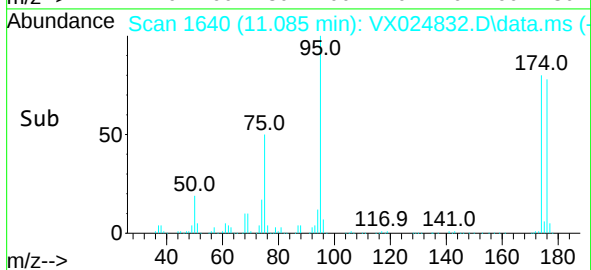
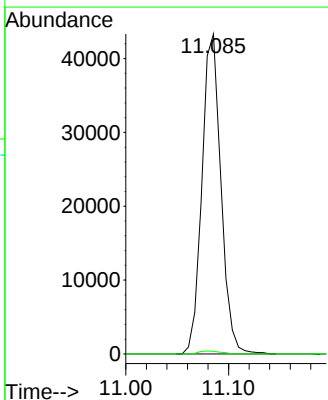
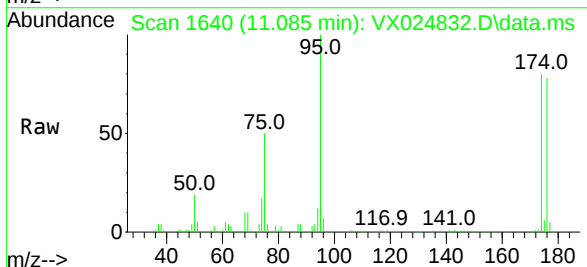
Instrument :
 MSVOA_X
 ClientSampled :

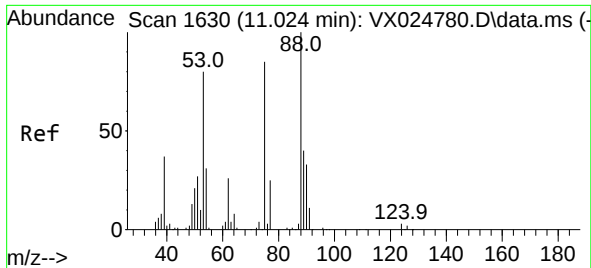
Tgt Ion:152 Resp: 108035
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.3 129.8
 150 156.2 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.762 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024832.D
 Acq: 15 Oct 2021 16:20

Tgt Ion: 75 Resp: 55811
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#

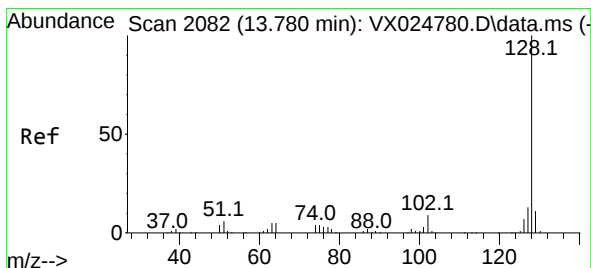
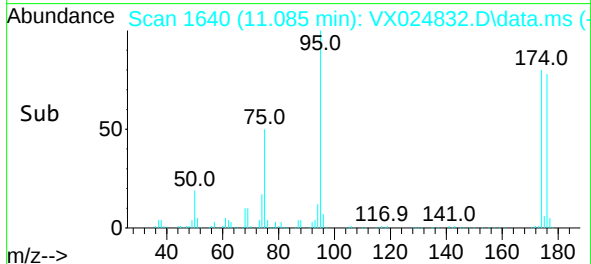
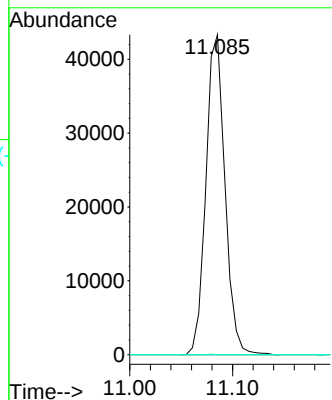
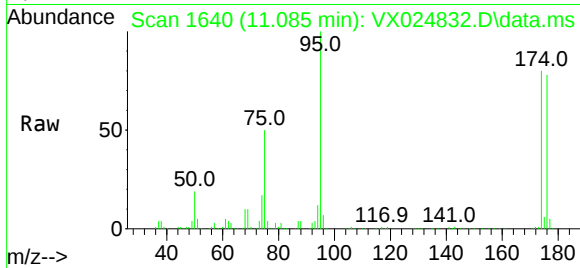




#81
trans-1,4-Dichloro-2-butene
Concen: 66.727 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55811
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 0.316 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024832.D
Acq: 15 Oct 2021 16:20

Tgt Ion: 128 Resp: 472
Ion Ratio Lower Upper
128 100
127 5.5 10.3 15.5#
129 0.0 8.8 13.2#

