

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024381.D
 Acq On : 21 Sep 2021 11:33
 Operator : JC/MD
 Sample : VX0921WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBL01

Quant Time: Sep 21 15:39:05 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)

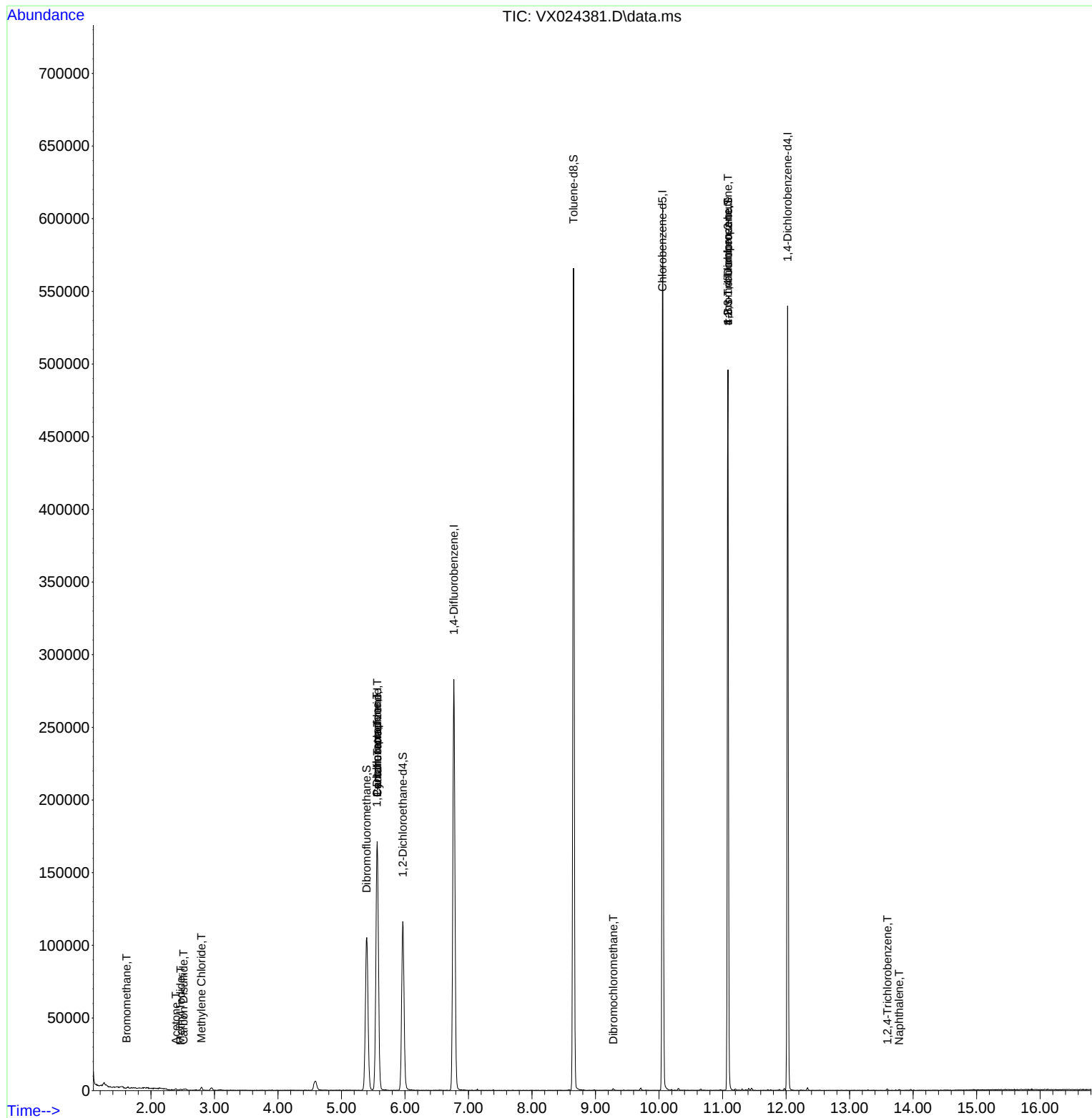
Internal Standards						
1) Pentafluorobenzene	5.562	168	160140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118152	51.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.480%			
35) Dibromofluoromethane	5.397	113	92867	49.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	8.653	98	324834	47.247	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.500%			
62) 4-Bromofluorobenzene	11.085	95	130347	48.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.440%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	270	0.283	ug/l #	69
10) Methyl Iodide	2.465	142	804	0.369	ug/l #	92
11) Tert butyl alcohol	2.959	59	1209	Below Cal	#	73
16) Acetone	2.392	43	1023	1.051	ug/l	97
17) Carbon Disulfide	2.514	76	881	0.238	ug/l #	75
20) Methylene Chloride	2.794	84	864	0.462	ug/l #	85
31) Cyclohexane	5.562	56	3217	1.204	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12652	4.890	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16631	5.711	ug/l #	16
60) Dibromochloromethane	9.281	129	156	1.790	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	67697	27.958	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	67697	82.224	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	458	0.224	ug/l	86
95) Naphthalene	13.780	128	675	1.374	ug/l #	73

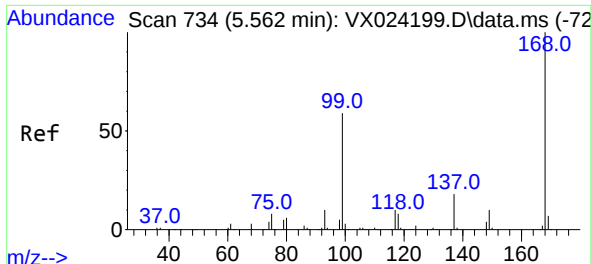
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 21 15:39:05 2021
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Quant Title : SW846 8260
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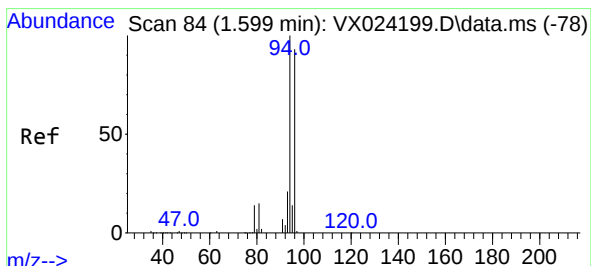
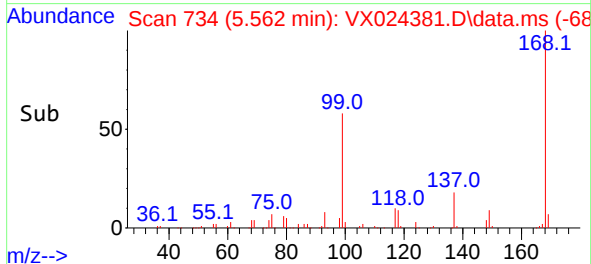
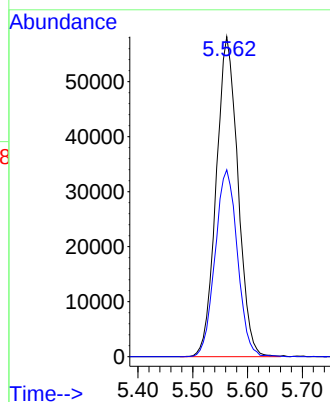
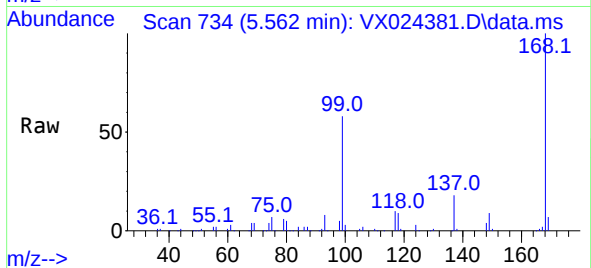




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

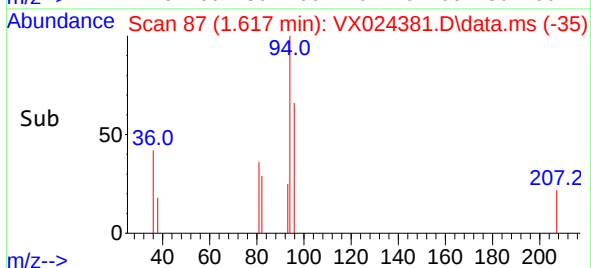
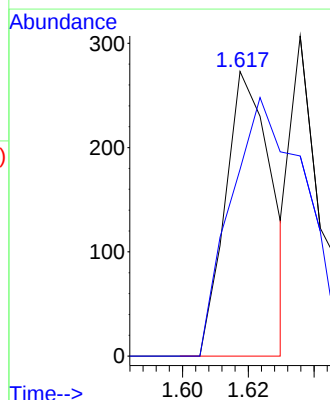
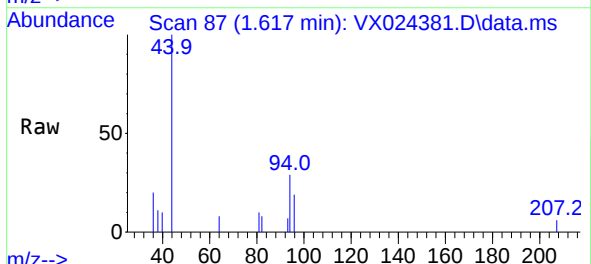
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

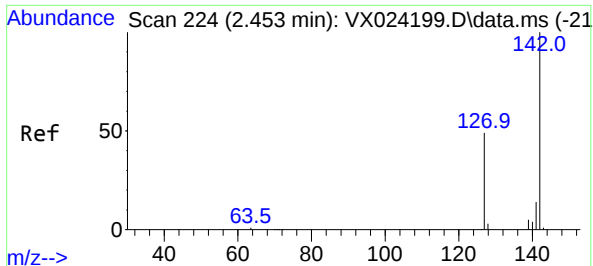
Tgt Ion:168 Resp: 160140
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#5
Bromomethane
Concen: 0.283 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 65.6 76.4 114.6#

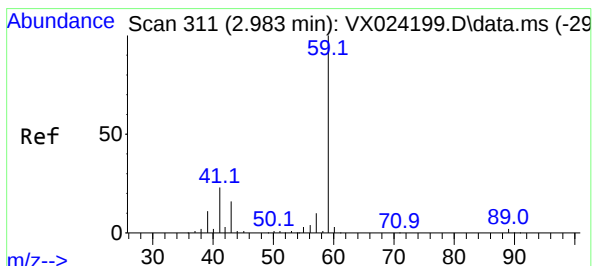
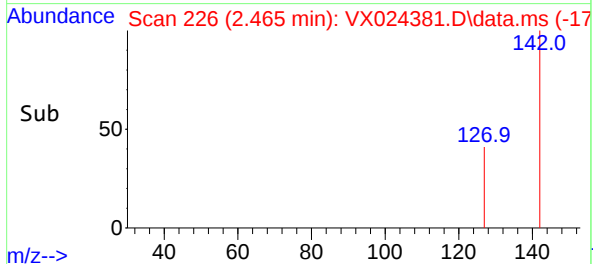
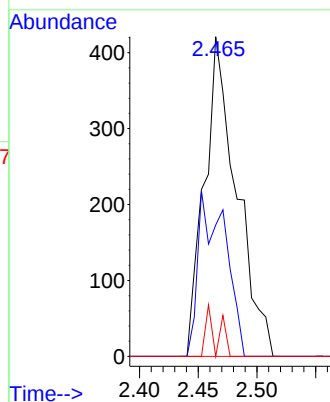
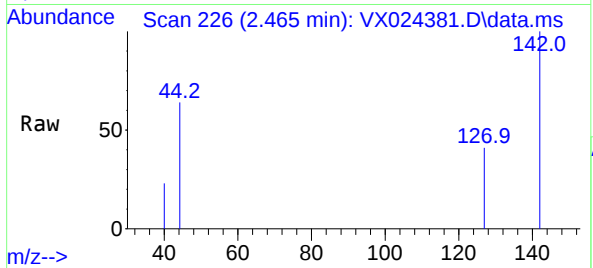




#10
Methyl Iodide
Concen: 0.369 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

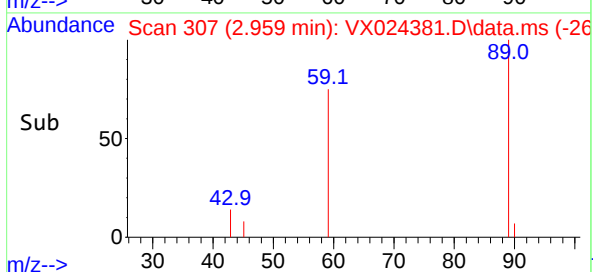
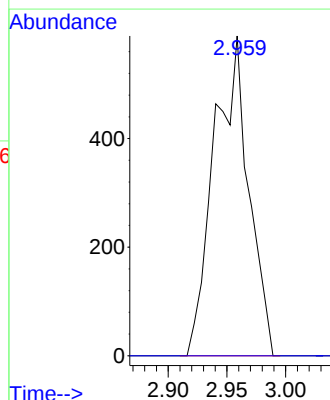
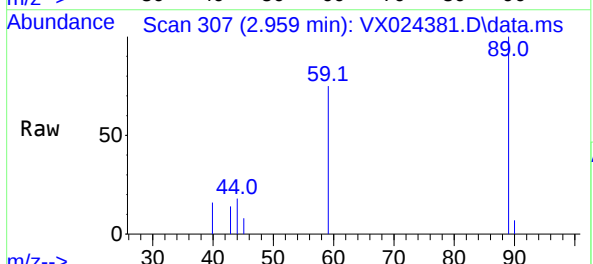
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

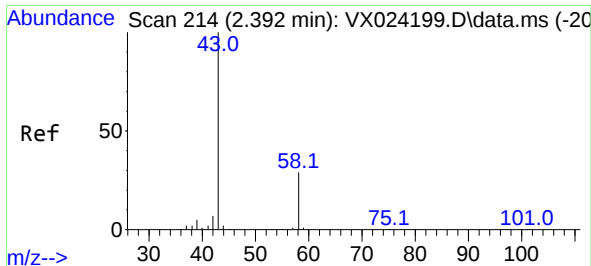
Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
127 43.8 33.3 49.9
141 5.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion: 59 Resp: 1209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

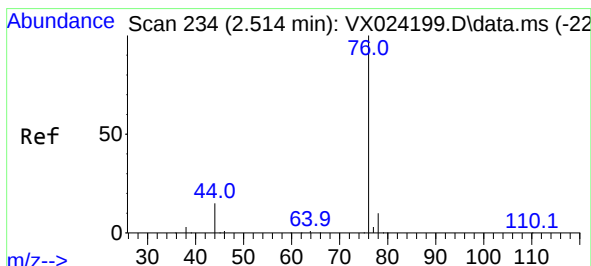
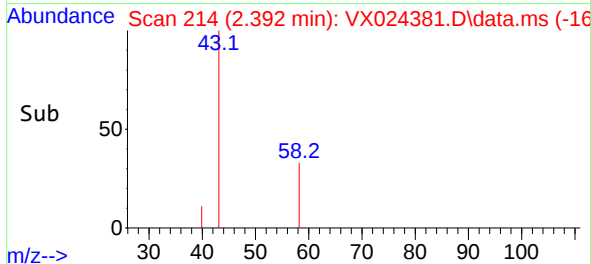
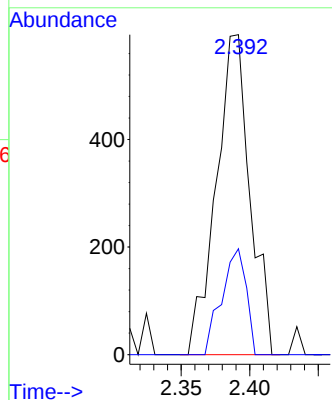
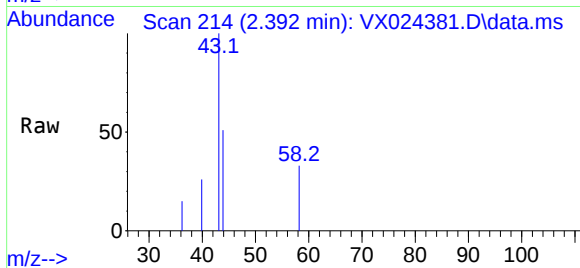




#16
Acetone
Concen: 1.051 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

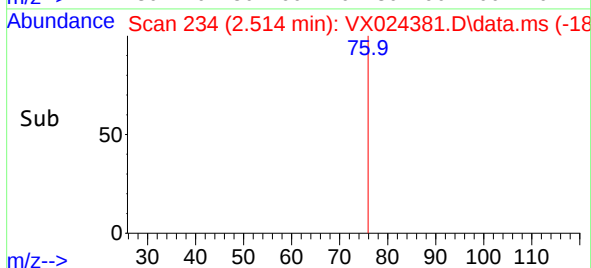
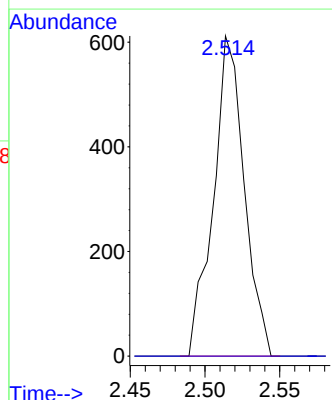
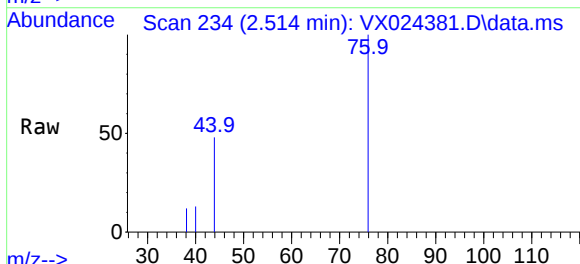
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

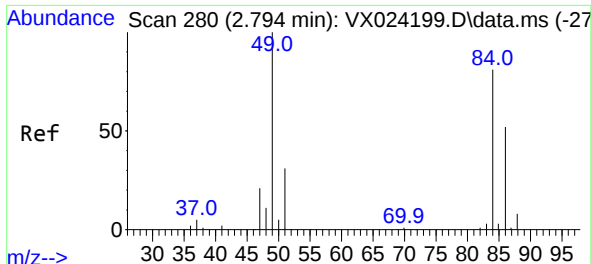
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion: 76 Resp: 881
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.462 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024381.D

Acq: 21 Sep 2021 11:33

Tgt Ion: 84 Resp: 864

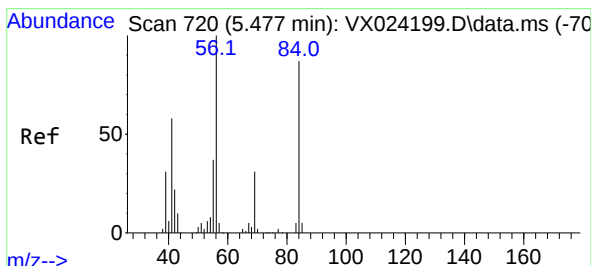
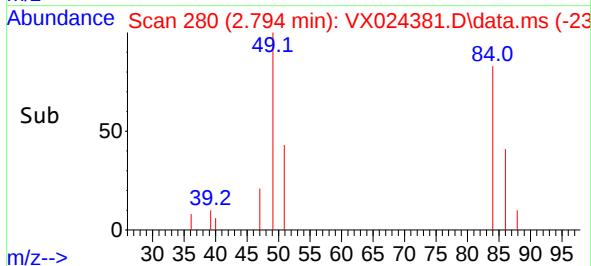
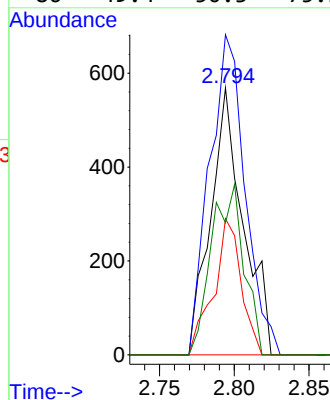
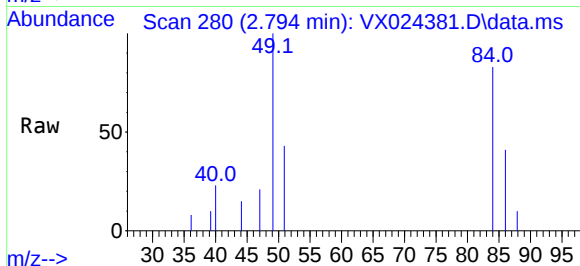
Ion Ratio Lower Upper

84 100

49 119.9 88.6 132.8

51 51.0 27.0 40.6#

86 49.4 50.3 75.5#



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024381.D

Acq: 21 Sep 2021 11:33

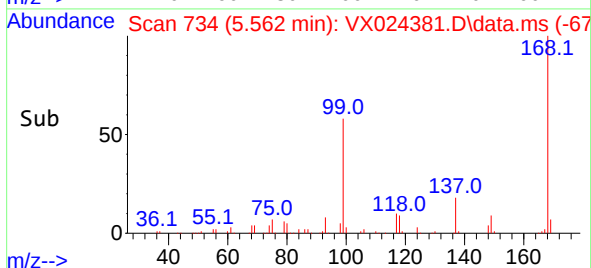
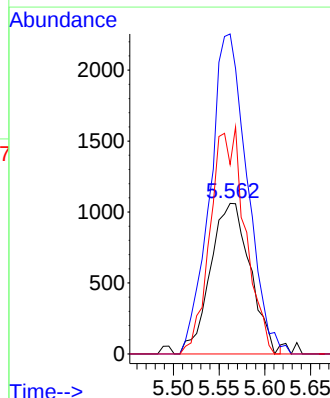
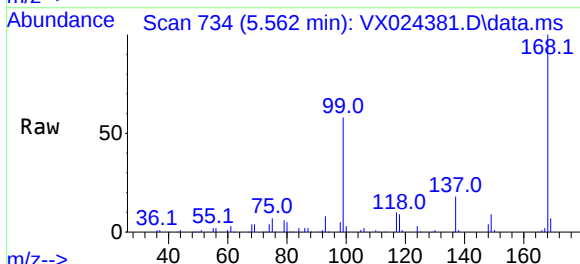
Tgt Ion: 56 Resp: 3217

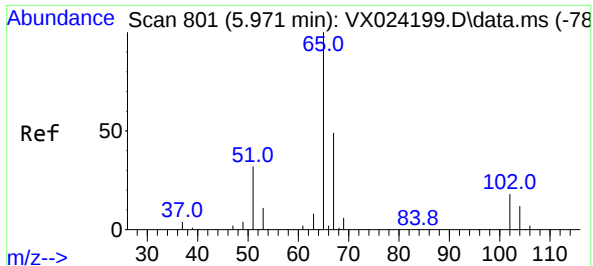
Ion Ratio Lower Upper

56 100

69 212.5 25.3 37.9#

84 125.8 71.4 107.0#



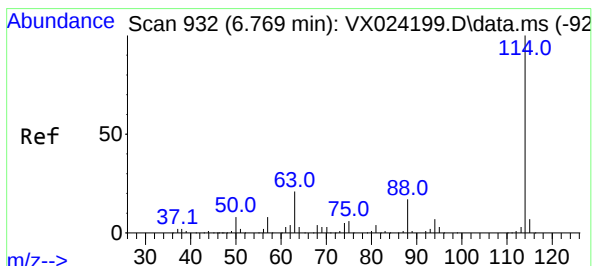
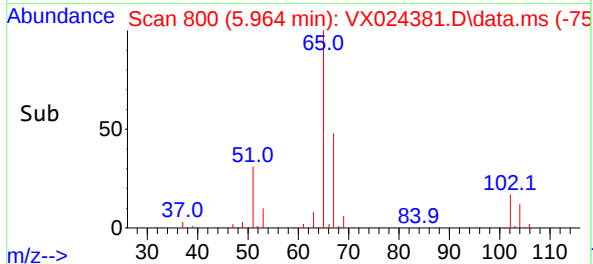
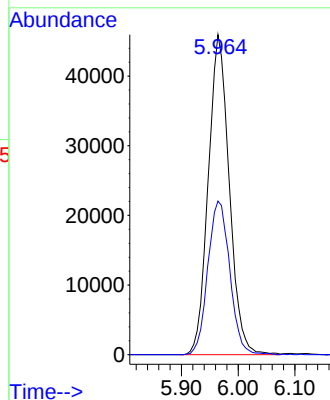
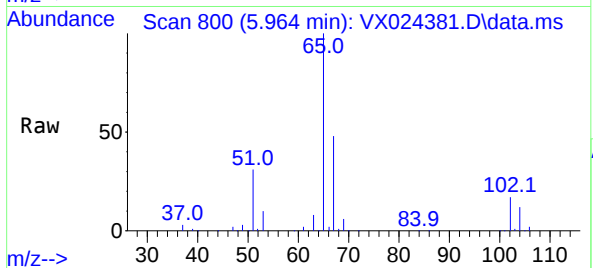


#33

1,2-Dichloroethane-d4
Concen: 51.741 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

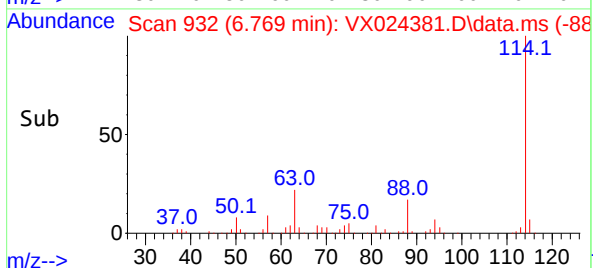
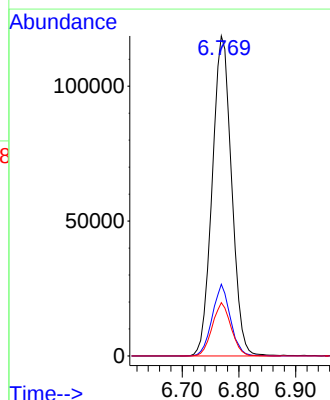
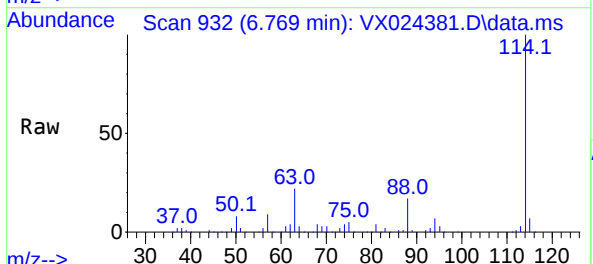
Tgt Ion: 65 Resp: 118152
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

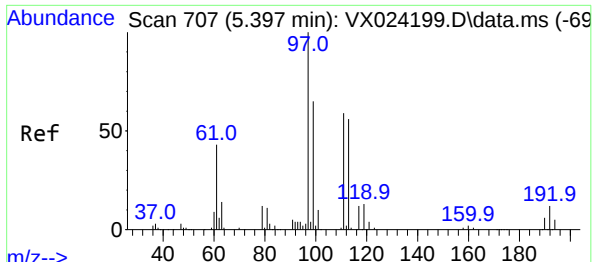


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion:114 Resp: 281413
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.7 0.0 32.8

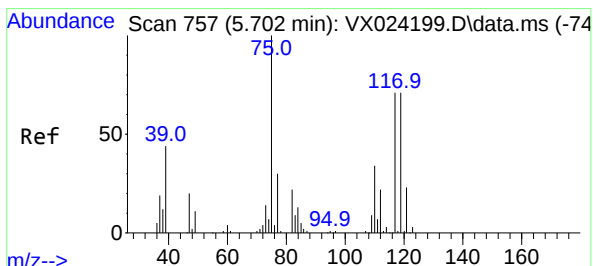
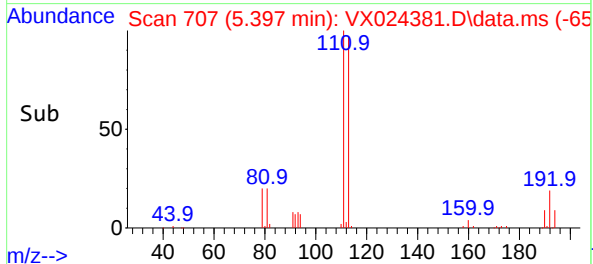
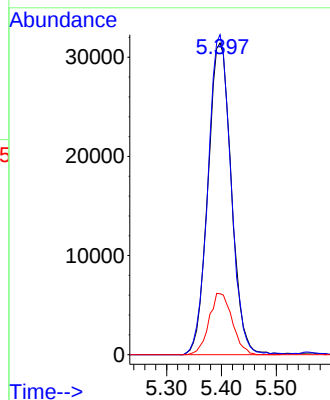
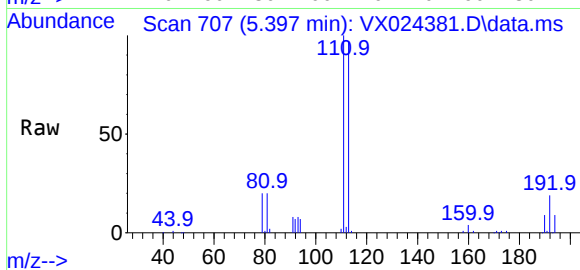




#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

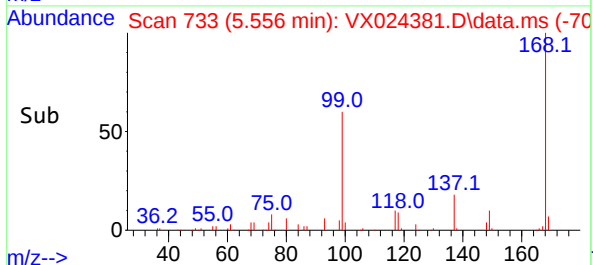
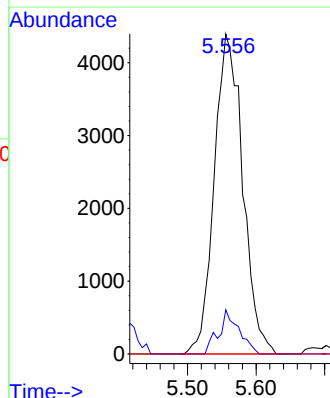
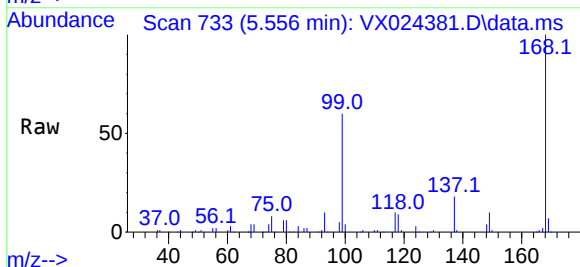
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

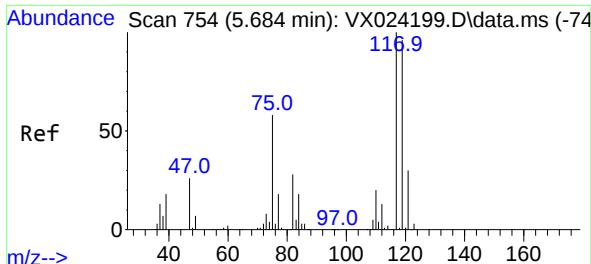
Tgt Ion:	113	Resp:	92867
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	19.5	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

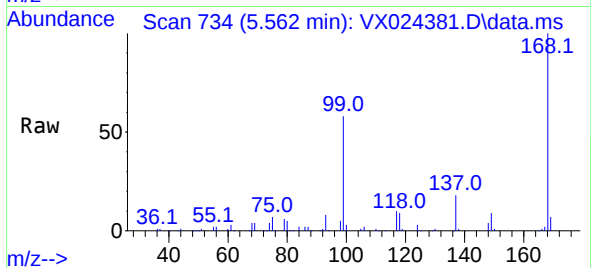
Tgt Ion:	75	Resp:	12652
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#



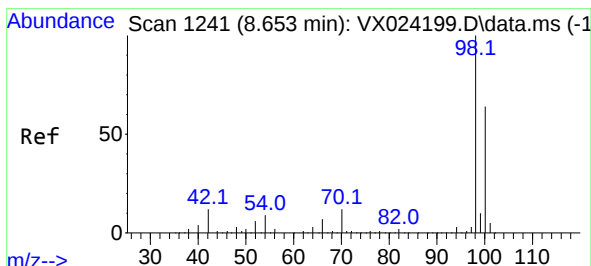
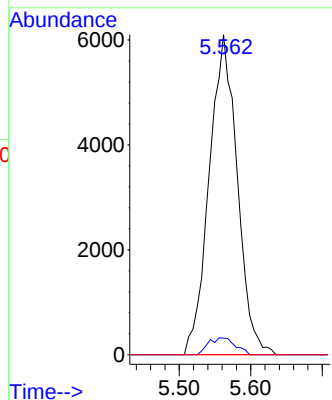
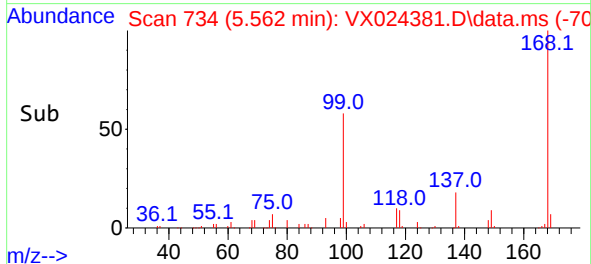


#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

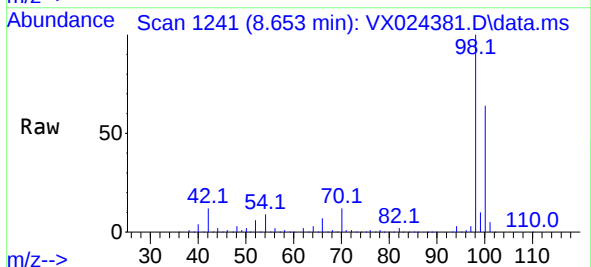
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01



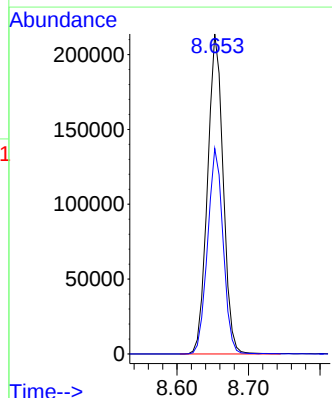
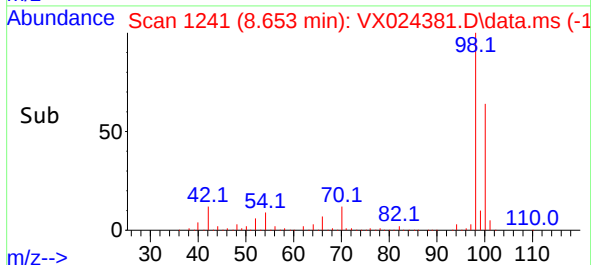
Tgt Ion:117 Resp: 16631
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

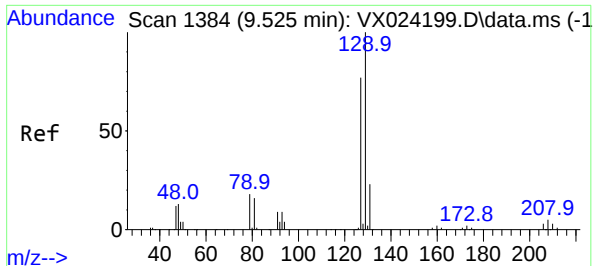


#50
Toluene-d8
Concen: 47.247 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33



Tgt Ion: 98 Resp: 324834
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

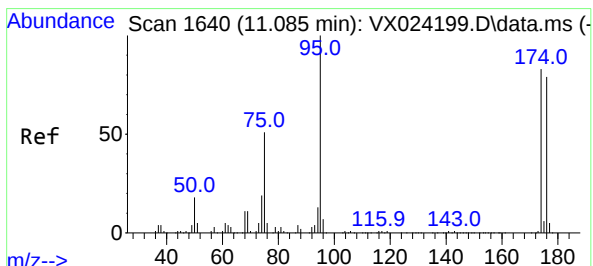
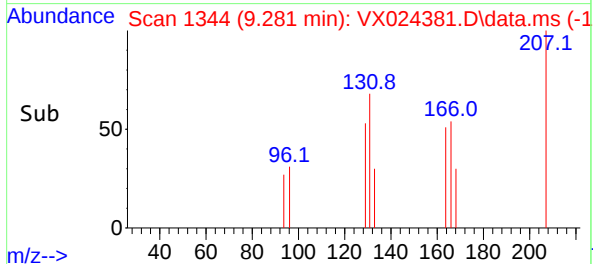
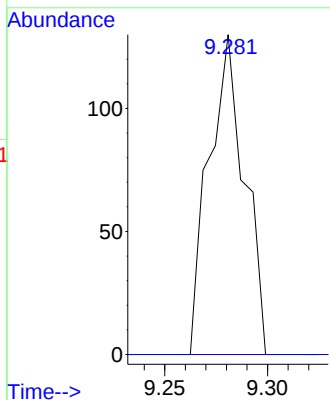
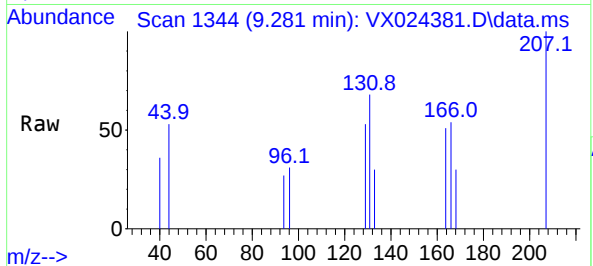




#60
Dibromochloromethane
Concen: 1.790 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

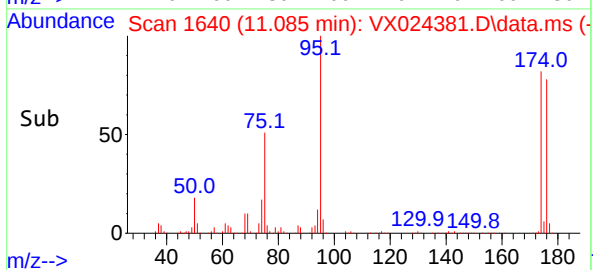
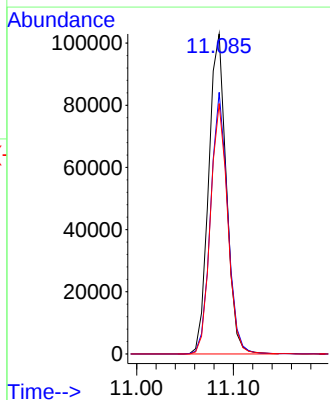
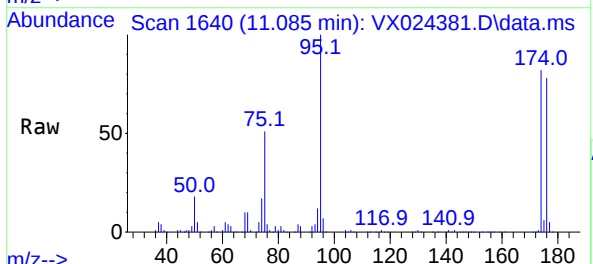
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

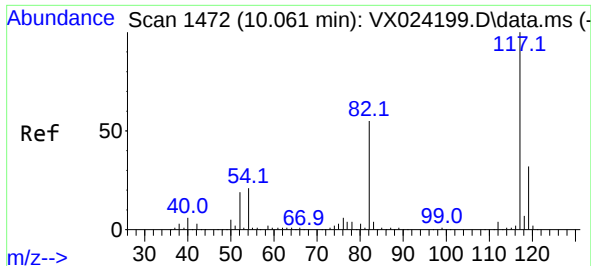
Tgt Ion:129 Resp: 156
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 48.717 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion: 95 Resp: 130347
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.3 0.0 155.8

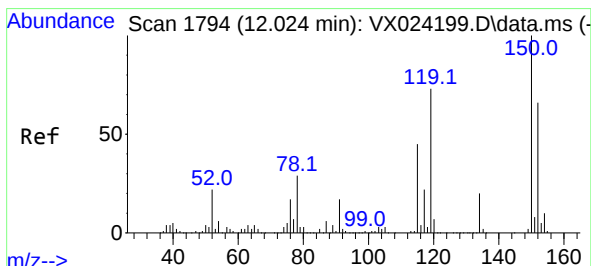
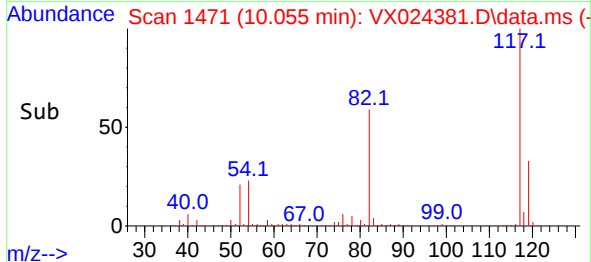
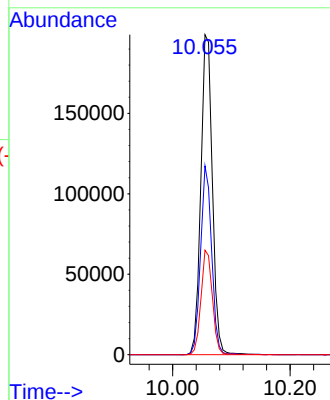
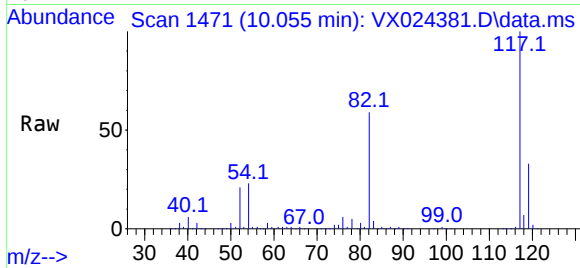




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

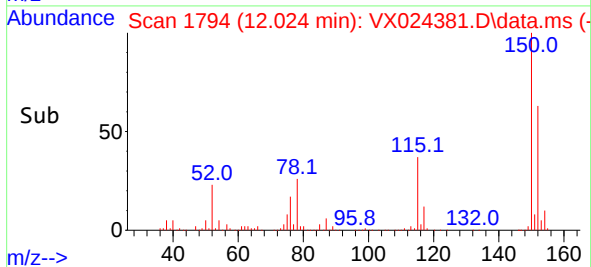
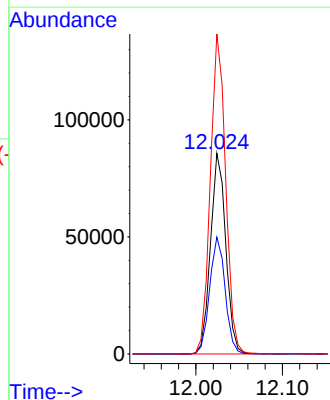
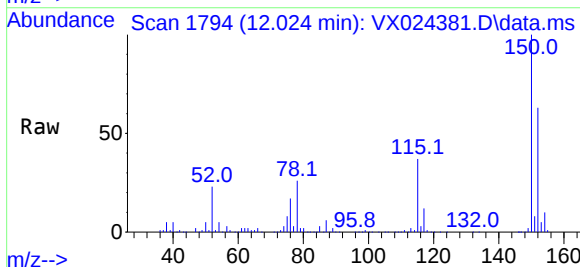
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

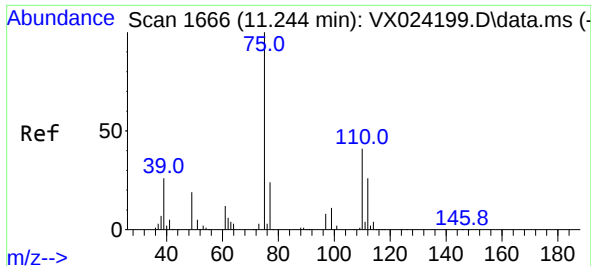
Tgt Ion:117 Resp: 271507
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion:152 Resp: 105306
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 159.0 0.0 349.0

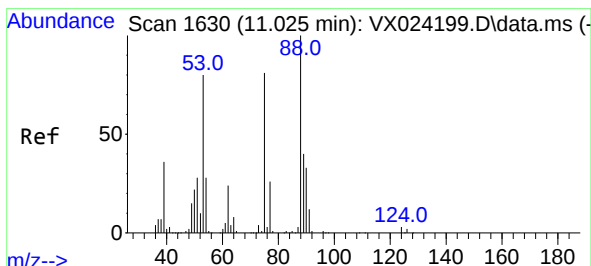
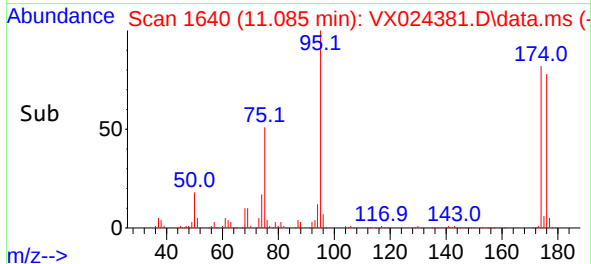
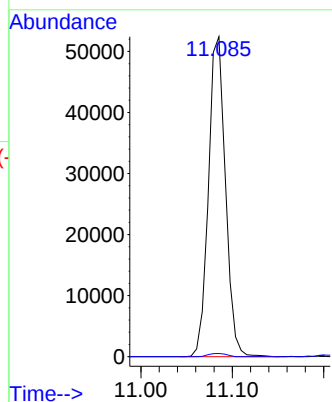
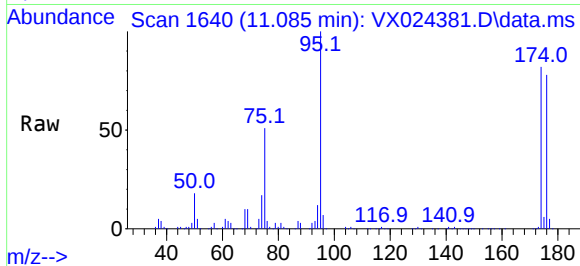




#76
1,2,3-Trichloropropane
Concen: 27.958 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

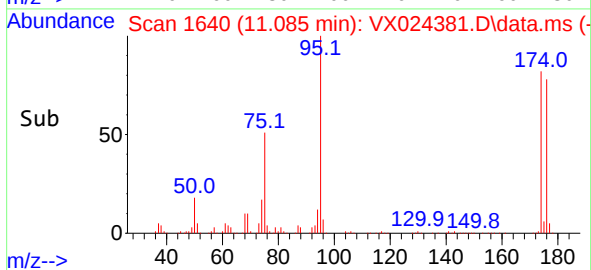
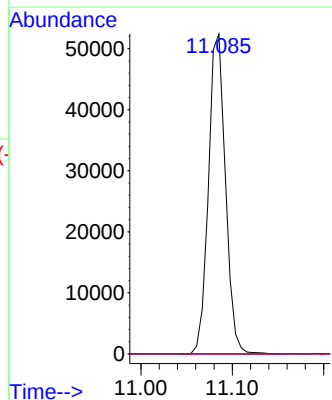
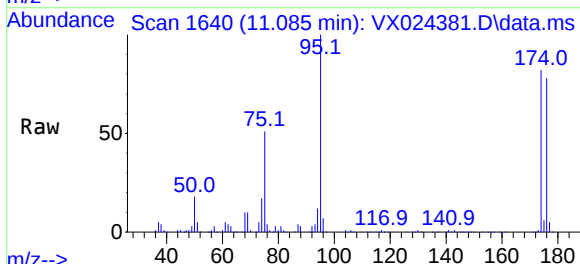
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

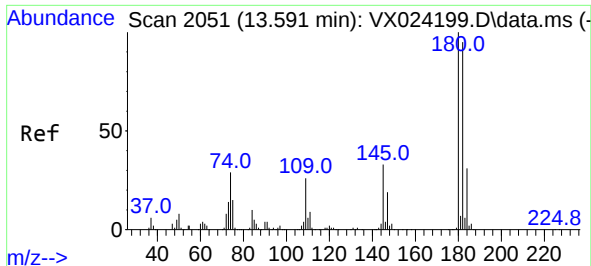
Tgt Ion: 75 Resp: 67697
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.224 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion: 75 Resp: 67697
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



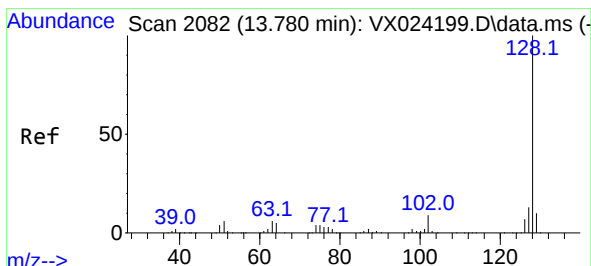
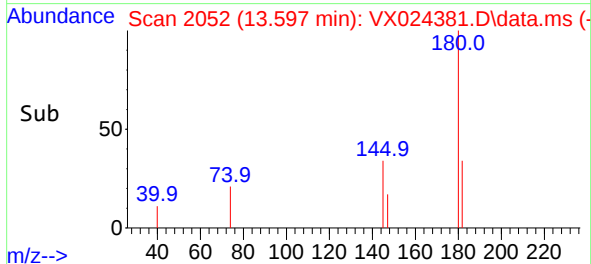
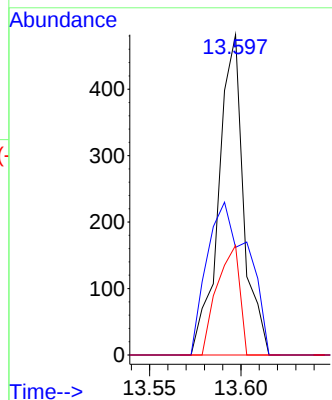
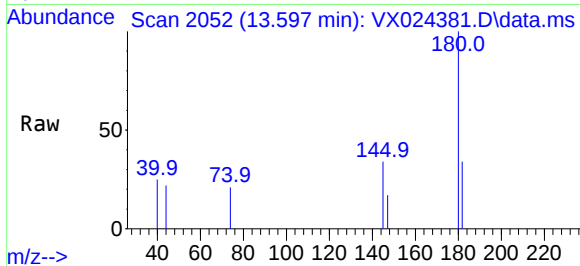


#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBL01

Tgt Ion:180 Resp: 458

Ion	Ratio	Lower	Upper
180	100		
182	78.2	47.7	143.1
145	31.0	15.0	45.0



#95
Naphthalene
Concen: 1.374 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024381.D
Acq: 21 Sep 2021 11:33

Tgt Ion:128 Resp: 675

Ion	Ratio	Lower	Upper
128	100		
127	2.8	10.3	15.5#
129	0.0	8.8	13.2#

