

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022099.D
 Acq On : 19 May 2021 19:42
 Operator : JC/MD
 Sample : M2406-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK03

Quant Time: May 20 04:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

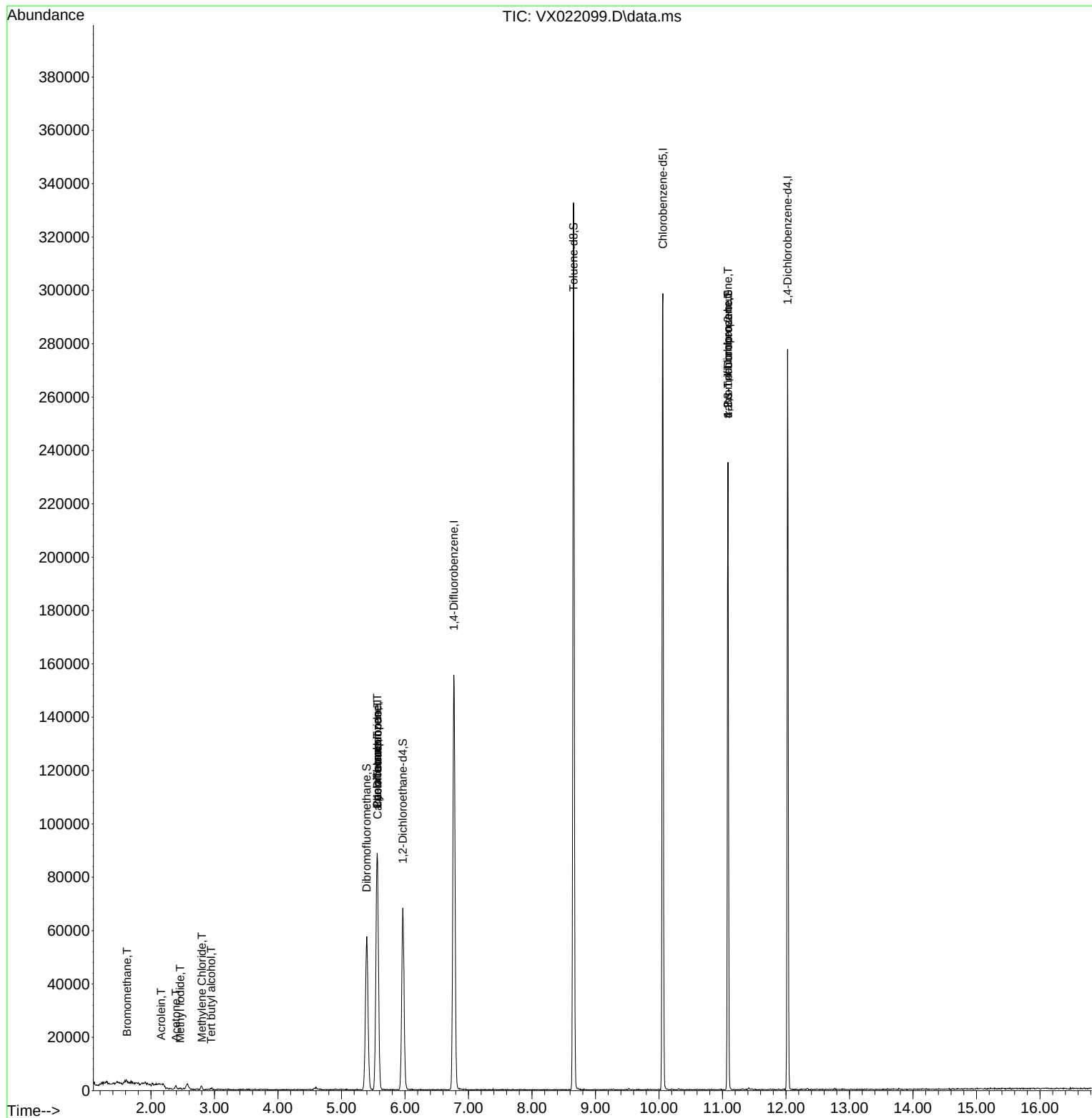
Internal Standards						
1) Pentafluorobenzene	5.562	168	78416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	133731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61231	50.62	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.24%		
35) Dibromofluoromethane	5.398	113	49194	48.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.96%		
50) Toluene-d8	8.653	98	191179	49.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.82%		
62) 4-Bromofluorobenzene	11.086	95	64527	45.12	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.24%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	207	0.33	ug/l	99
10) Methyl Iodide	2.459	142	439	0.44	ug/l #	75
11) Tert butyl alcohol	2.947	59	283	1.02	ug/l #	73
13) Acrolein	2.160	56	128	0.70	ug/l #	14
16) Acetone	2.392	43	1395	2.65	ug/l	99
20) Methylene Chloride	2.800	84	599	0.51	ug/l #	76
31) Cyclohexane	5.562	56	1938	1.27	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	7390	5.05	ug/l #	50
38) Carbon Tetrachloride	5.568	117	9008	6.29	ug/l #	16
76) 1,2,3-Trichloropropane	11.086	75	32740	26.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	32740	61.74	ug/l #	12

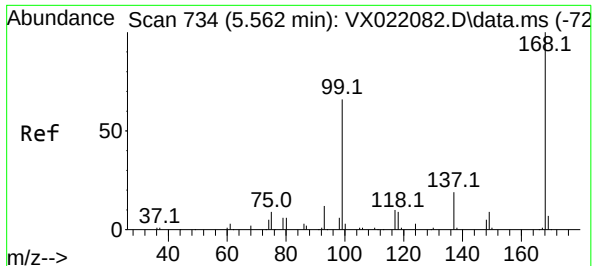
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

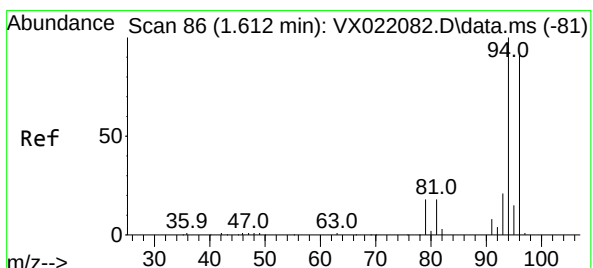
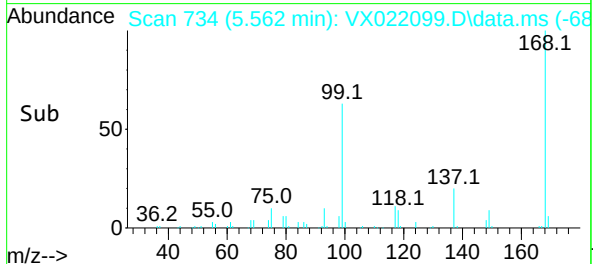
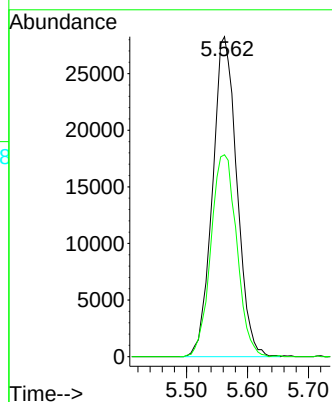
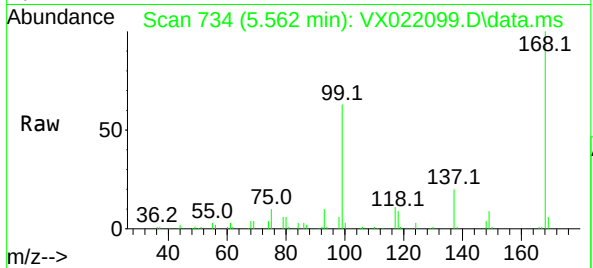




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

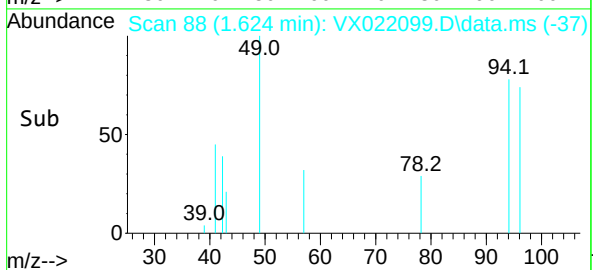
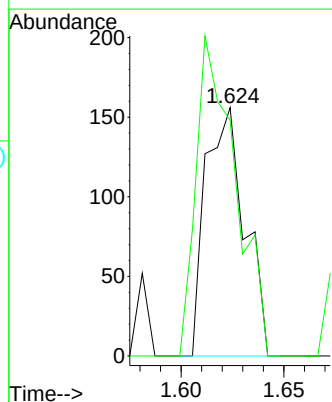
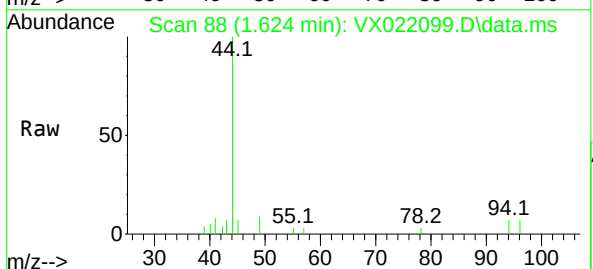
Instrument :
MSVOA_X
ClientSampleId :
VIBLK03

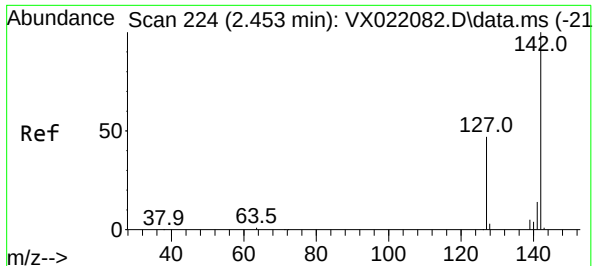
Tgt Ion:168 Resp: 78416
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.6



#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

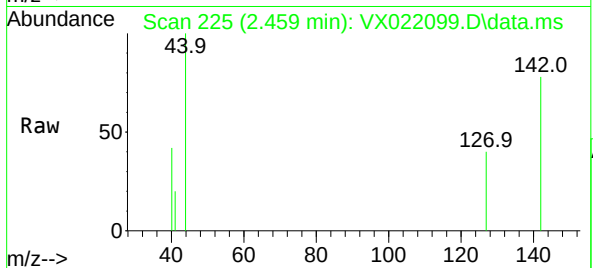
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 94.9 76.4 114.6



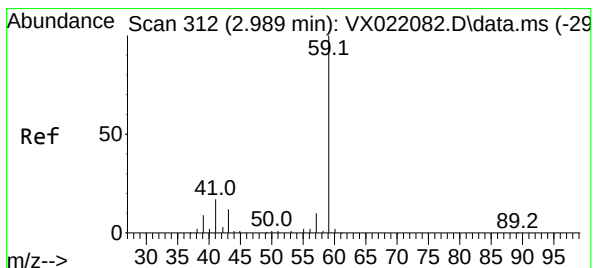
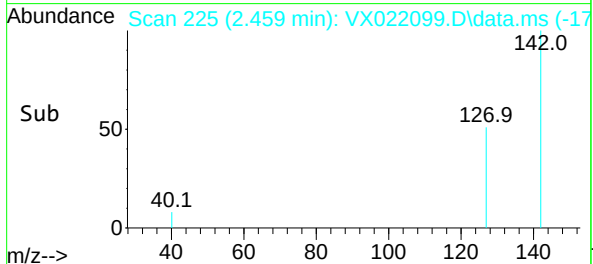
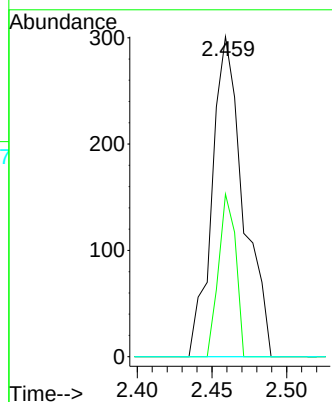


#10
Methyl Iodide
Concen: 0.44 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :
VIBLK03

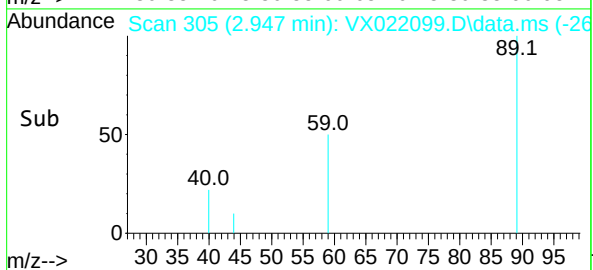
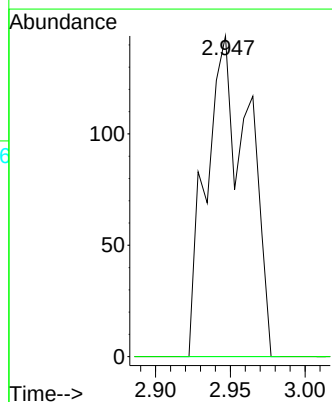
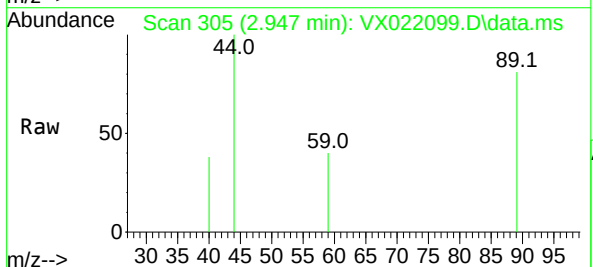


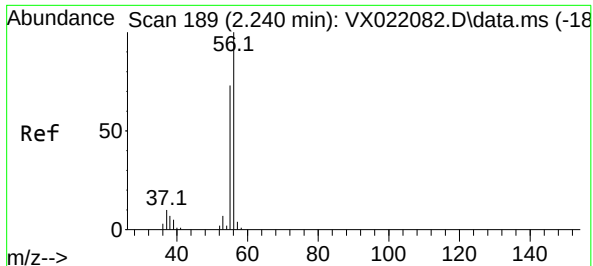
Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 27.8 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.02 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Tgt Ion: 59 Resp: 283
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.70 ug/l

RT: 2.160 min Scan# 176

Delta R.T. -0.080 min

Lab File: VX022099.D

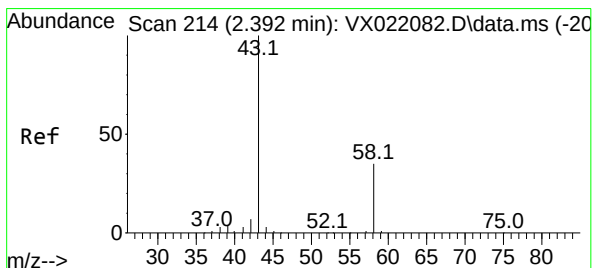
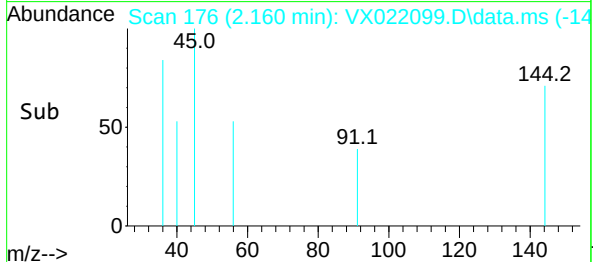
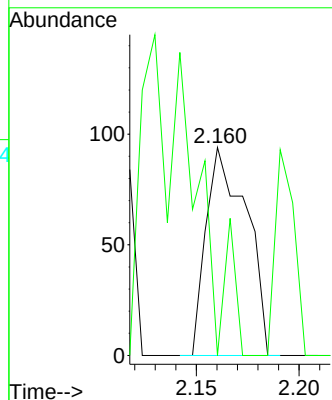
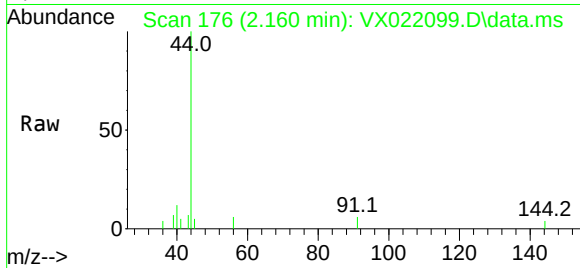
Acq: 19 May 2021 19:42

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 2.65 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022099.D

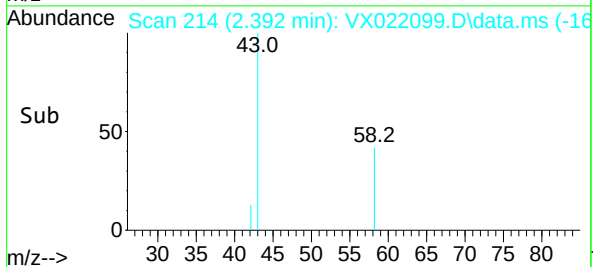
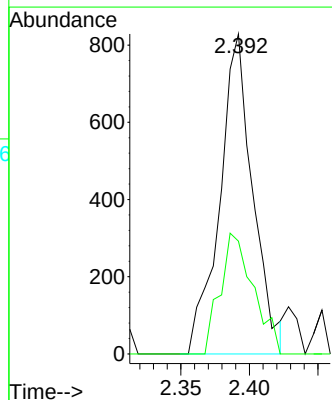
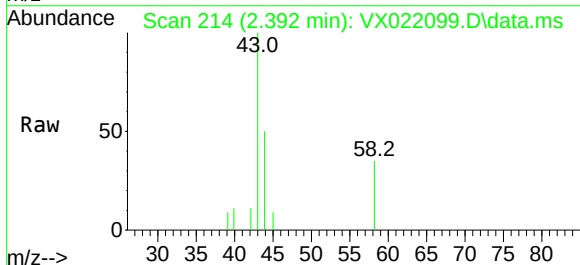
Acq: 19 May 2021 19:42

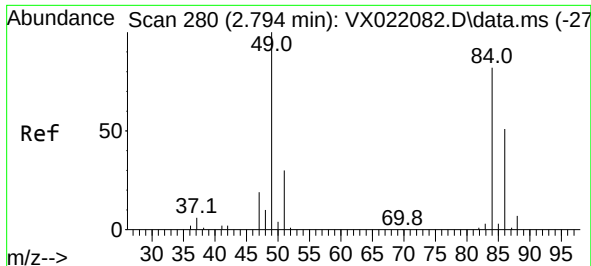
Tgt Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

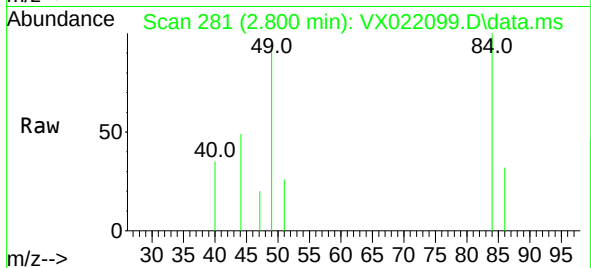
58 35.2 27.8 41.8





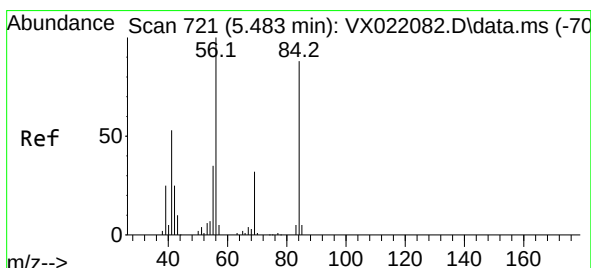
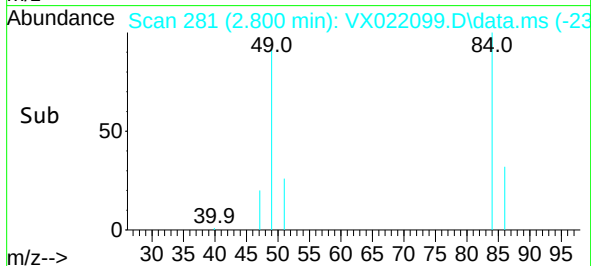
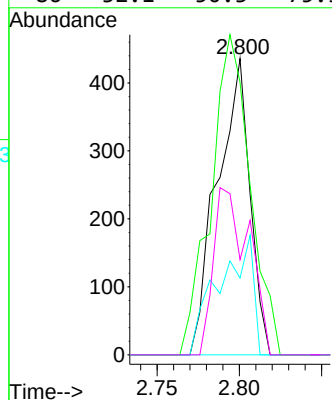
#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :
VIBLK03



Tgt Ion: 84 Resp: 599

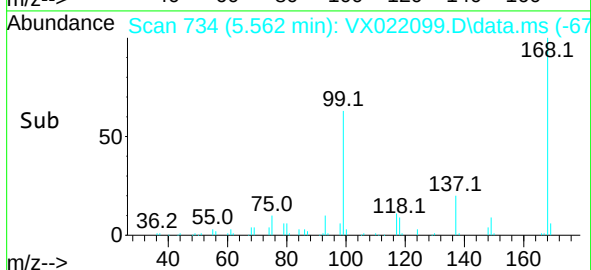
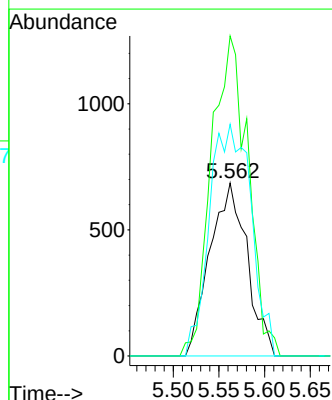
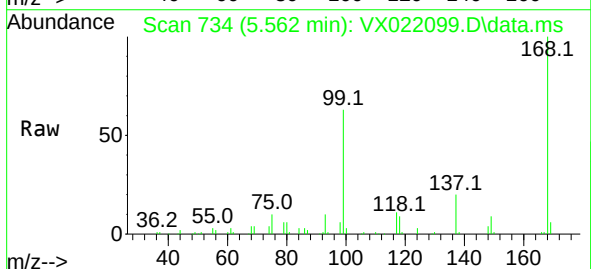
Ion	Ratio	Lower	Upper
84	100		
49	92.0	88.6	132.8
51	25.9	27.0	40.6#
86	32.1	50.3	75.5#

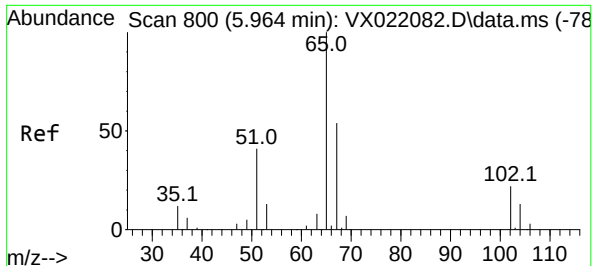


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Tgt Ion: 56 Resp: 1938

Ion	Ratio	Lower	Upper
56	100		
69	185.0	25.3	37.9#
84	134.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.62 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022099.D

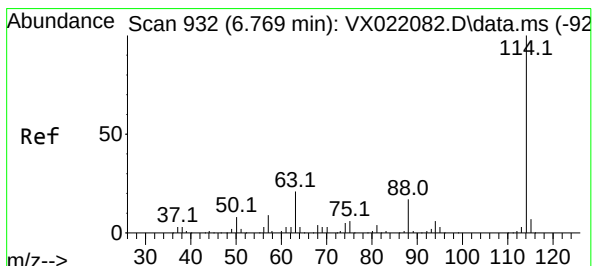
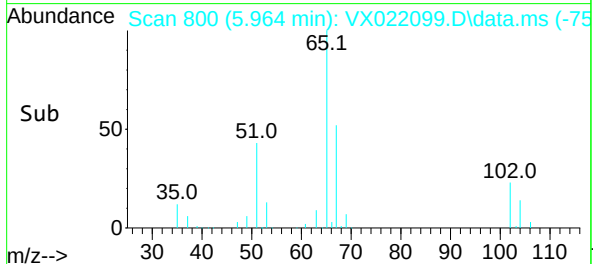
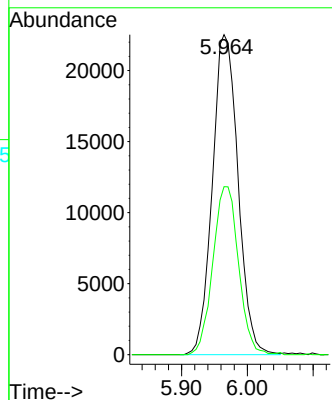
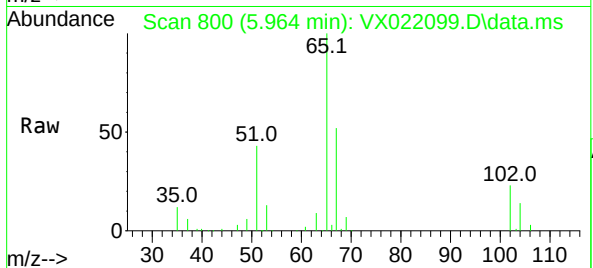
Acq: 19 May 2021 19:42

Tgt Ion: 65 Resp: 61231

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022099.D

Acq: 19 May 2021 19:42

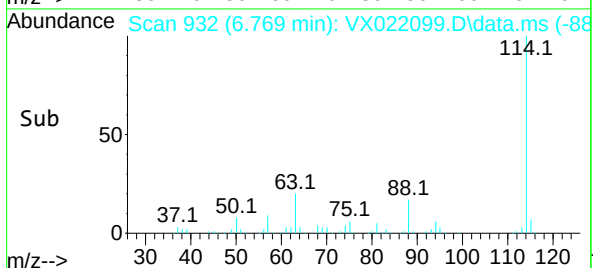
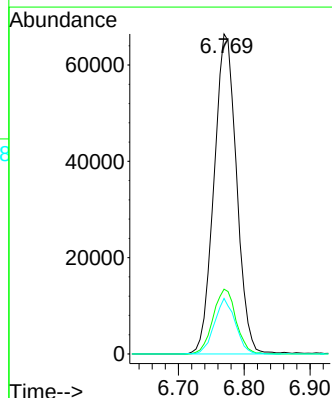
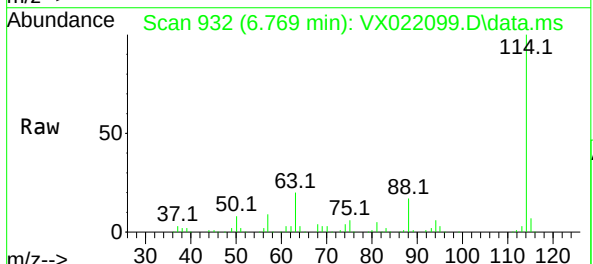
Tgt Ion: 114 Resp: 158386

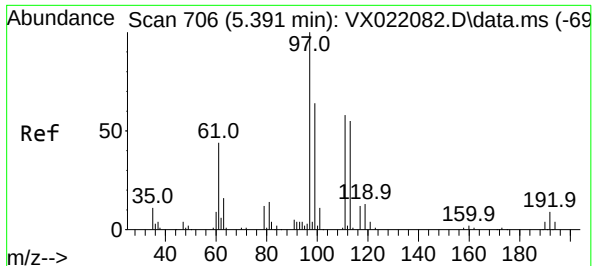
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 17.3 0.0 32.8

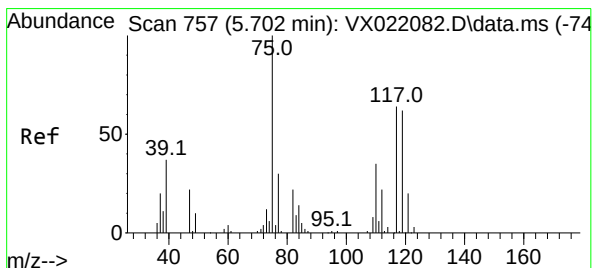
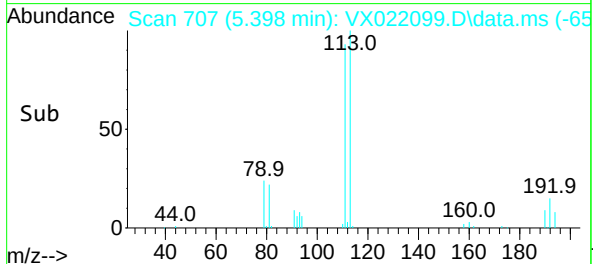
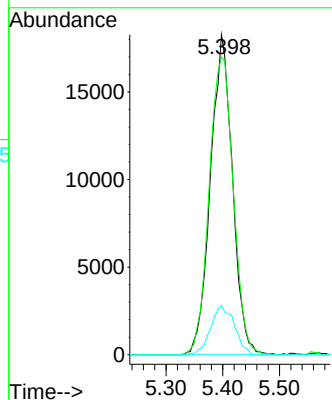
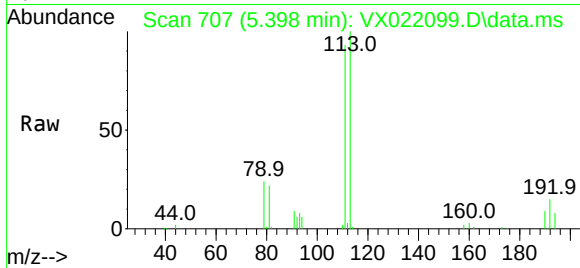




#35
Dibromofluoromethane
Concen: 48.98 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

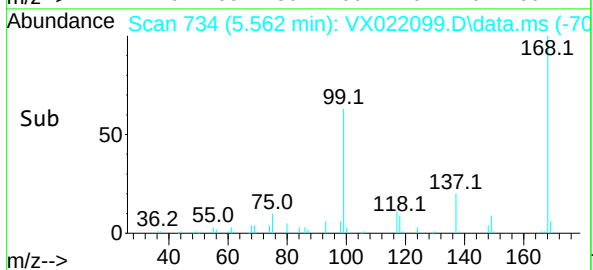
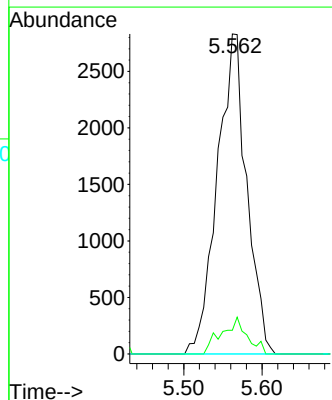
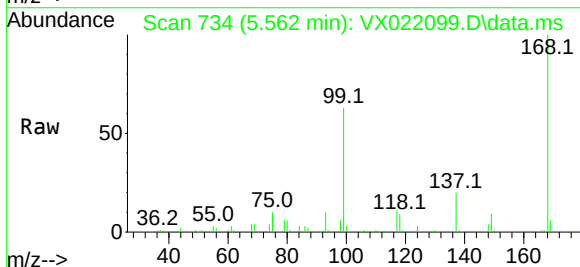
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VIBLK03

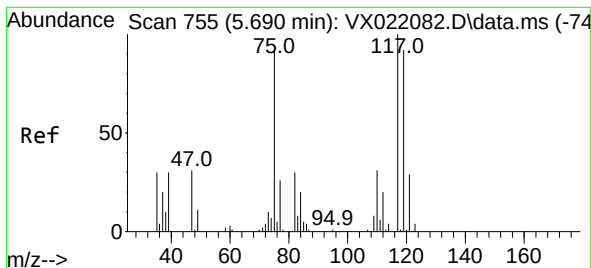
Tgt Ion:113 Resp: 49194
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 16.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Tgt Ion: 75 Resp: 7390
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.29 ug/l

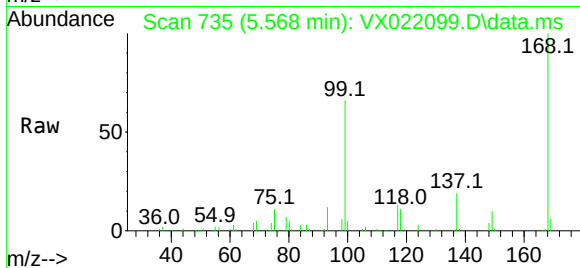
RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

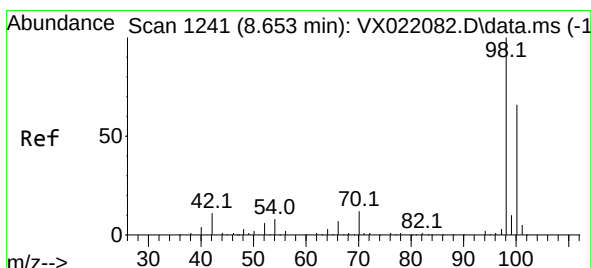
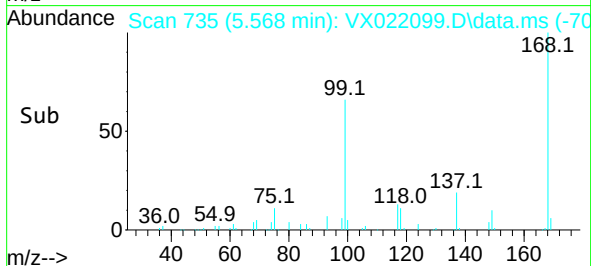
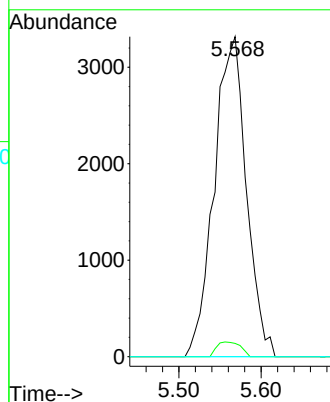
Lab File: VX022099.D

Acq: 19 May 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :
VIBLK03



Tgt Ion:	117	Resp:	9008
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#



#50

Toluene-d8

Concen: 49.41 ug/l

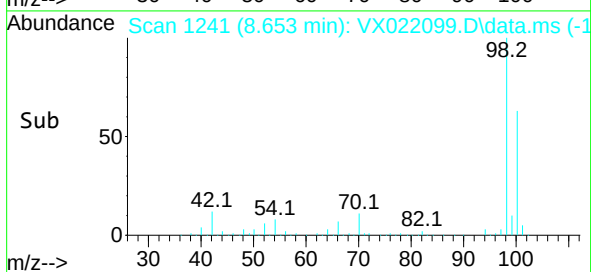
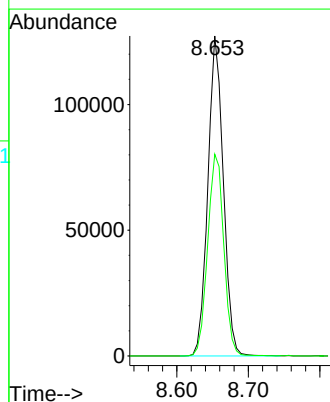
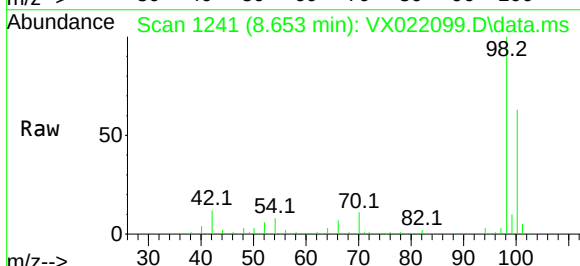
RT: 8.653 min Scan# 1241

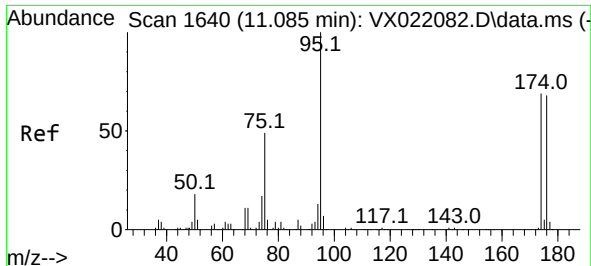
Delta R.T. 0.000 min

Lab File: VX022099.D

Acq: 19 May 2021 19:42

Tgt Ion:	98	Resp:	191179
Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9

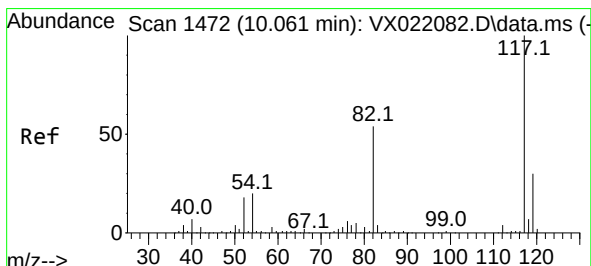
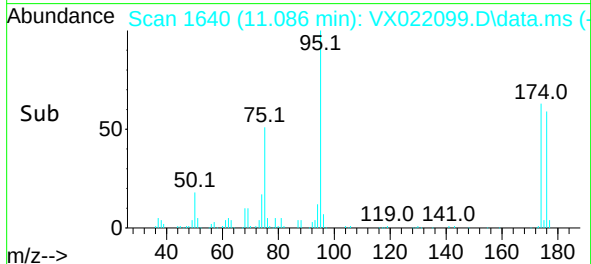
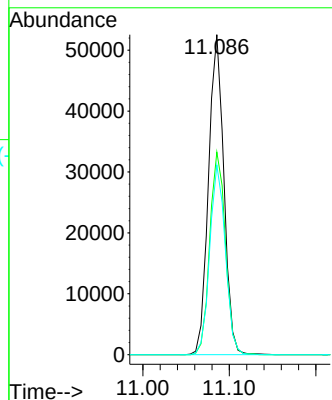
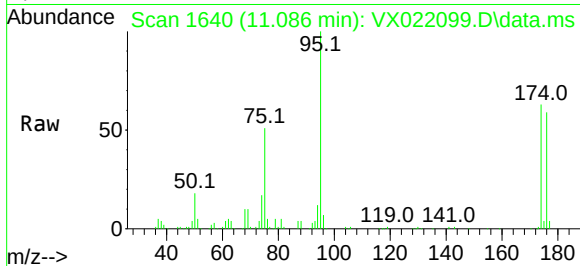




#62
4-Bromofluorobenzene
Concen: 45.12 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

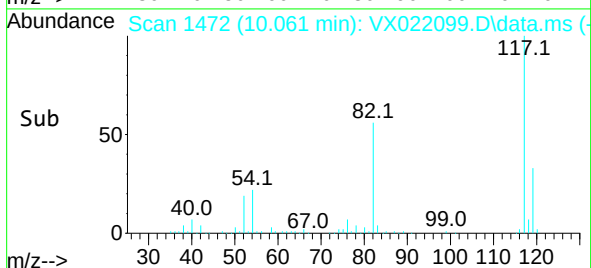
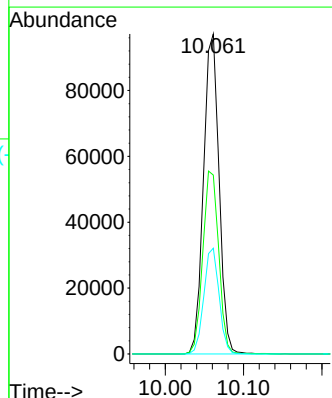
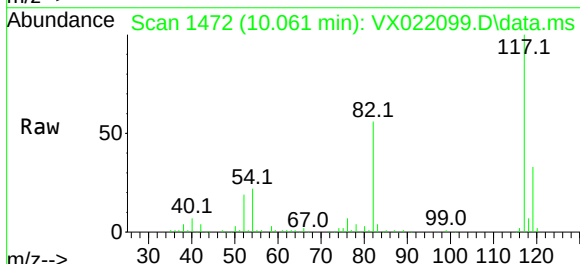
Instrument :
MSVOA_X
ClientSampleId :
VIBLK03

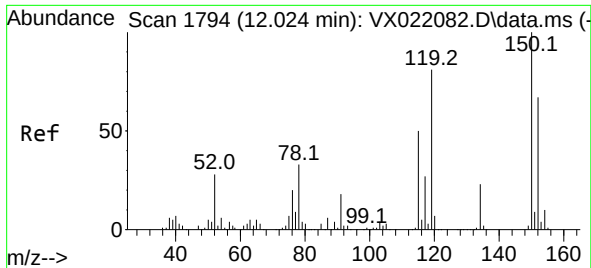
Tgt Ion: 95 Resp: 64527
Ion Ratio Lower Upper
95 100
174 64.5 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Tgt Ion: 117 Resp: 133731
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 33.0 26.6 39.8

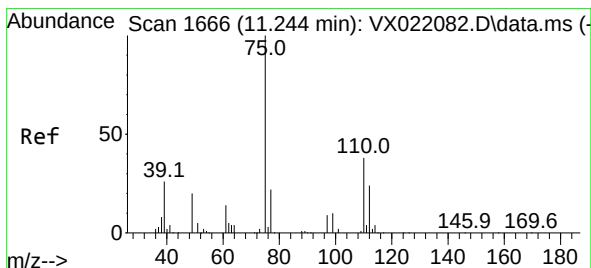
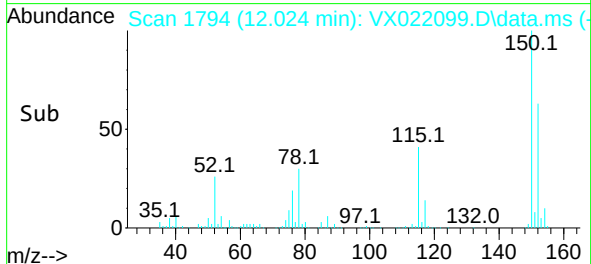
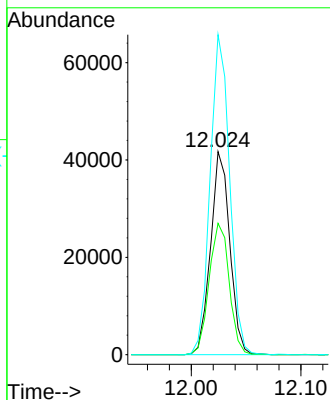
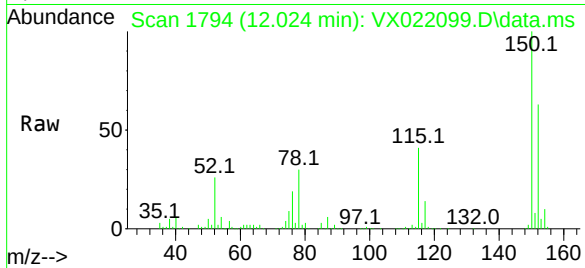




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

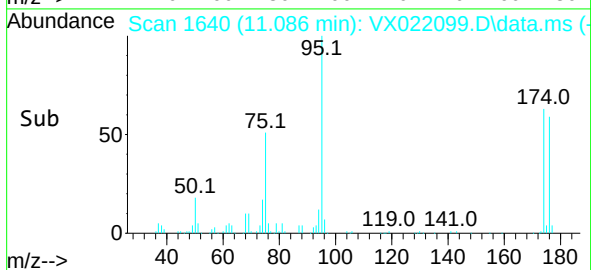
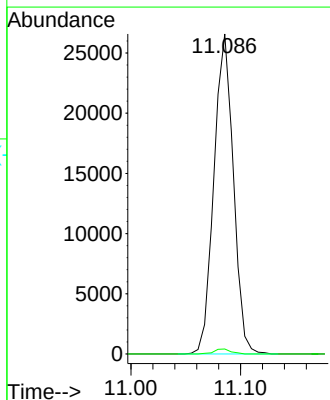
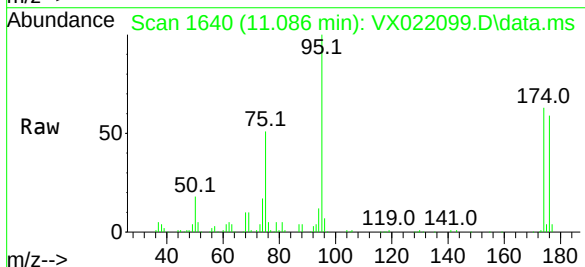
Instrument :
MSVOA_X
ClientSampleId :
VIBLK03

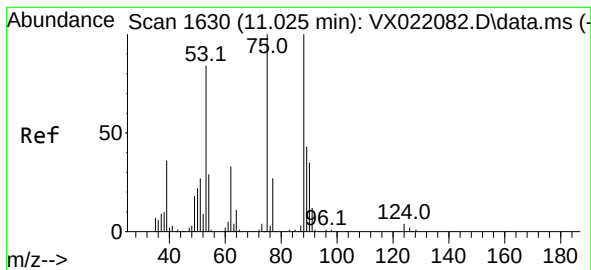
Tgt Ion:152 Resp: 50928
Ion Ratio Lower Upper
152 100
115 67.6 41.1 123.3
150 159.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.06 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022099.D
Acq: 19 May 2021 19:42

Tgt Ion: 75 Resp: 32740
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.74 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022099.D
 Acq: 19 May 2021 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK03

Tgt Ion: 75 Resp: 32740
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

