

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012122\
 Data File : VX026542.D
 Acq On : 21 Jan 2022 12:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 03:58:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

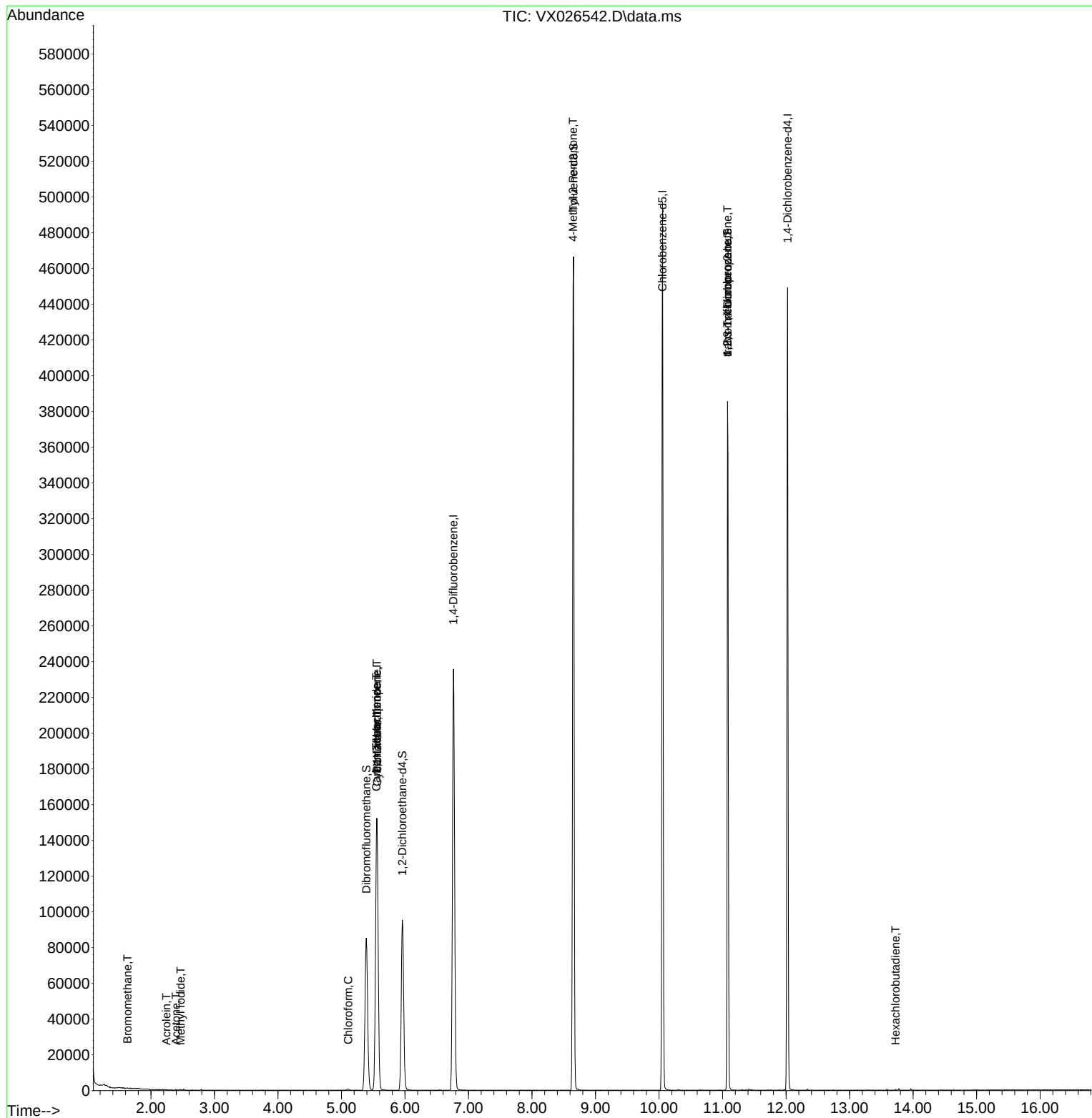
Internal Standards						
1) Pentafluorobenzene	5.556	168	142702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93729	47.019	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.040%		
35) Dibromofluoromethane	5.391	113	75103	48.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	8.653	98	280558	50.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.360%		
62) 4-Bromofluorobenzene	11.079	95	104196	52.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.920%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	208	0.278	ug/l	91
10) Methyl Iodide	2.465	142	511	4.722	ug/l #	74
13) Acrolein	2.239	56	65	0.221	ug/l	85
16) Acetone	2.392	43	443	0.436	ug/l	95
30) Chloroform	5.105	83	896	0.287	ug/l	95
31) Cyclohexane	5.562	56	2987	1.016	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	11719	4.784	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14918	5.921	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1271	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52791	26.310	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	52791	79.711	ug/l #	3
94) Hexachlorobutadiene	13.725	225	185	0.226	ug/l #	44

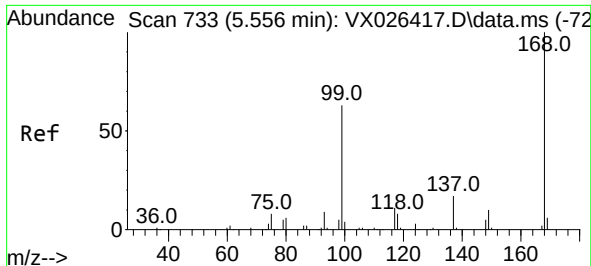
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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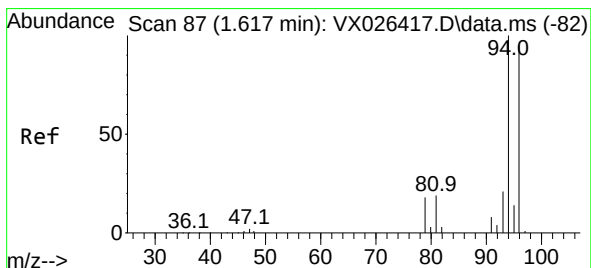
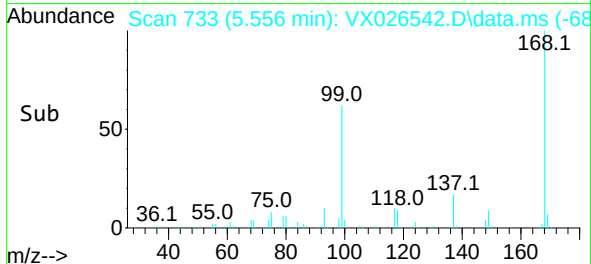
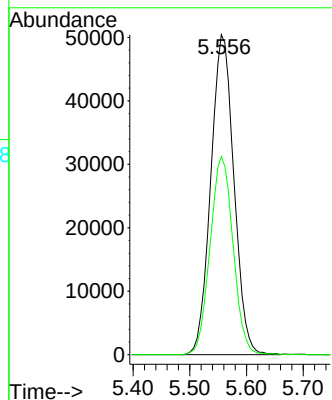
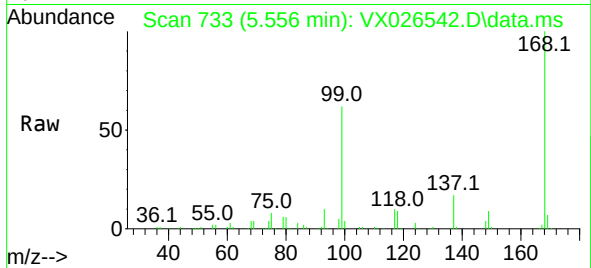




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

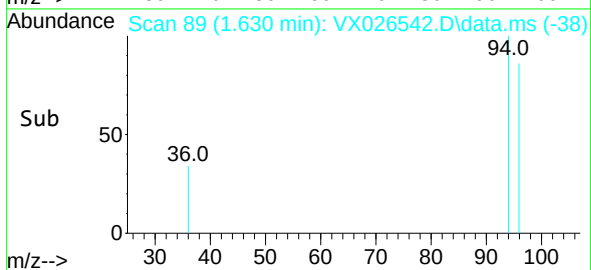
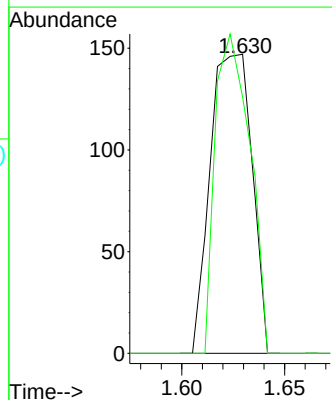
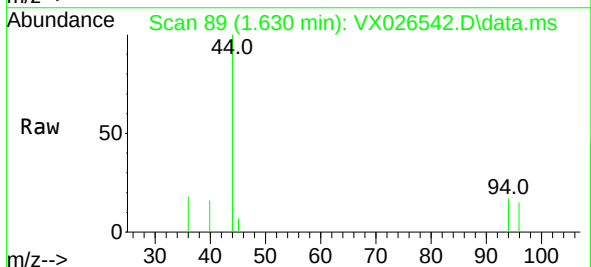
Instrument :
MSVOA_X
ClientSampleId :

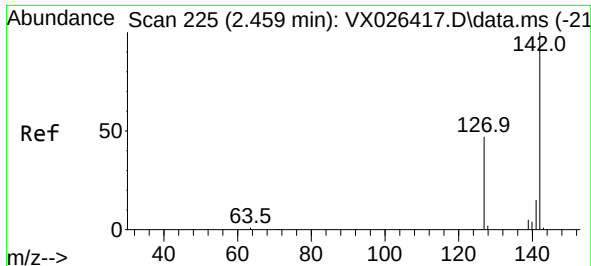
Tgt Ion:168 Resp: 142702
Ion Ratio Lower Upper
168 100
99 61.9 50.3 75.5



#5
Bromomethane
Concen: 0.278 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

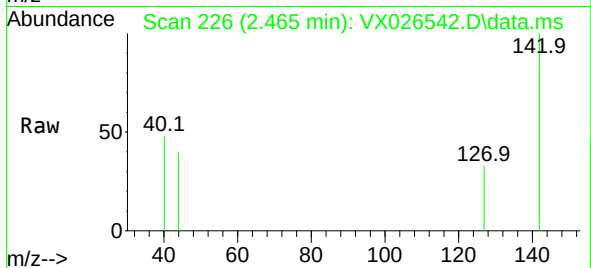
Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 85.7 75.9 113.9



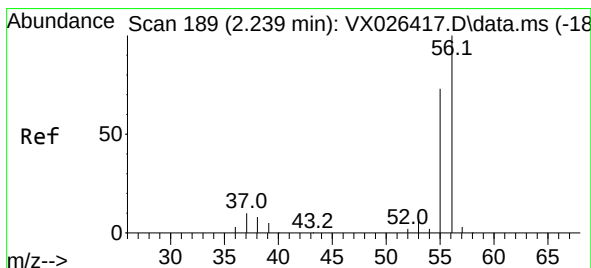
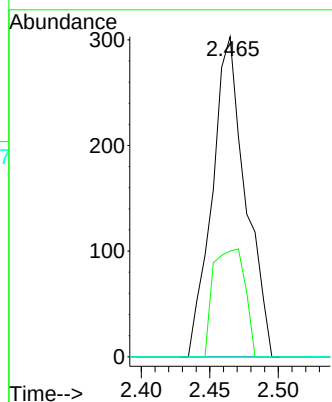


#10
Methyl Iodide
Concen: 4.722 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :

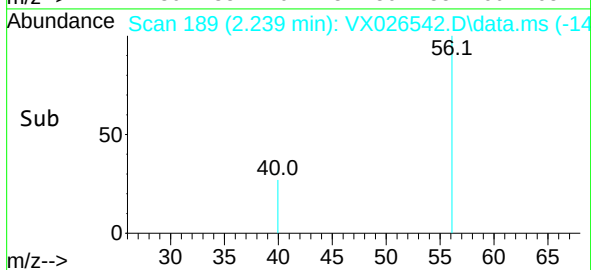
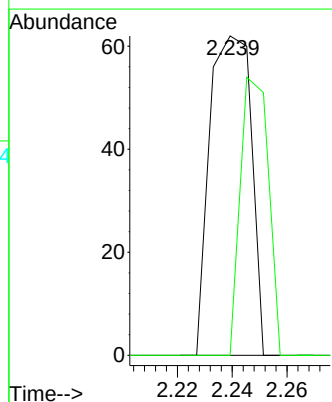
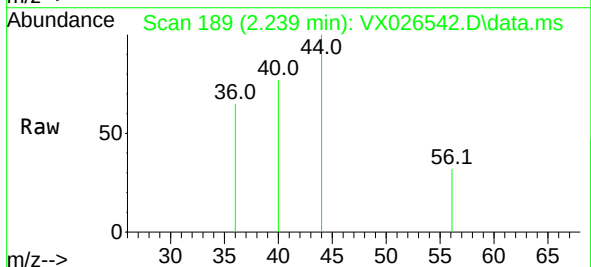


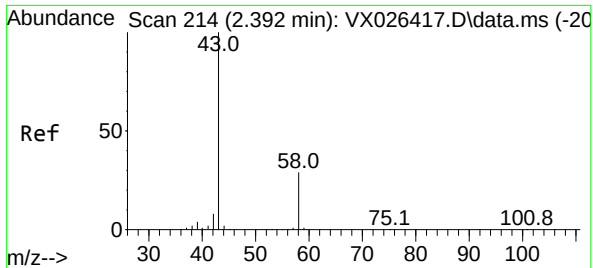
Tgt Ion:142 Resp: 511
Ion Ratio Lower Upper
142 100
127 32.1 38.1 57.1#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.221 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 58.5 56.9 85.3

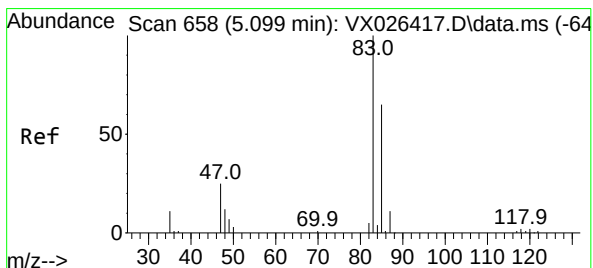
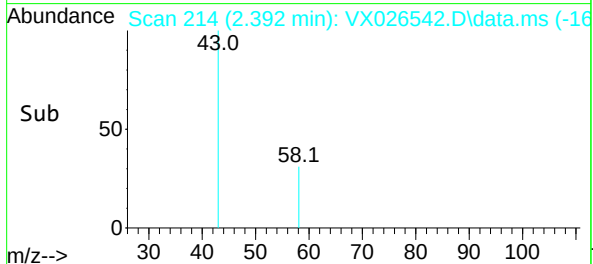
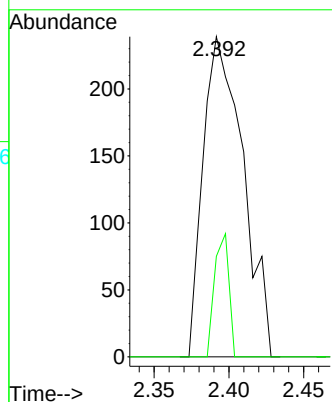
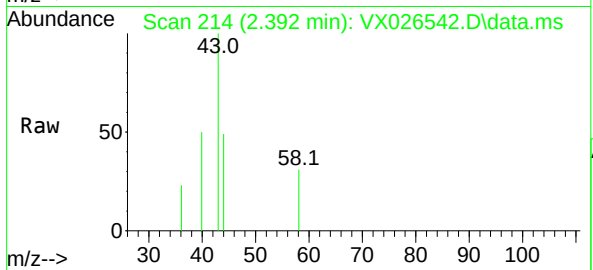




#16
Acetone
Concen: 0.436 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

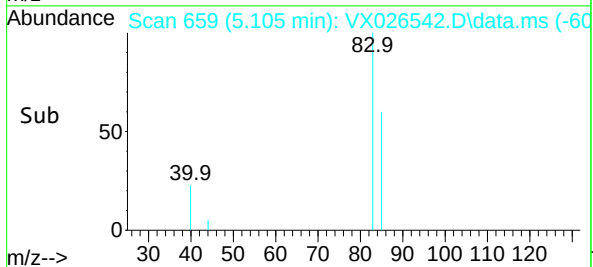
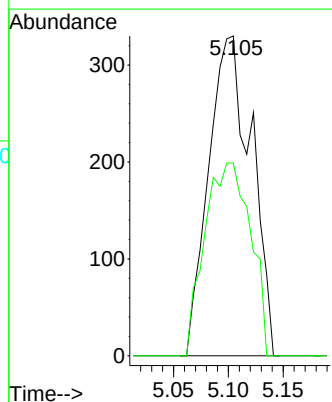
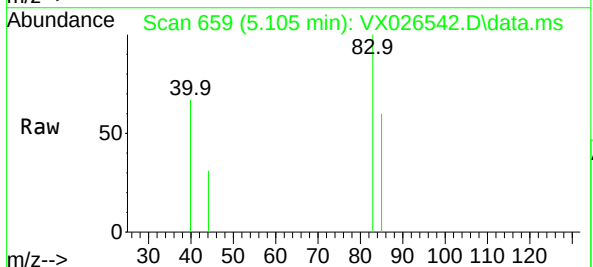
Instrument :
MSVOA_X
ClientSampleId :

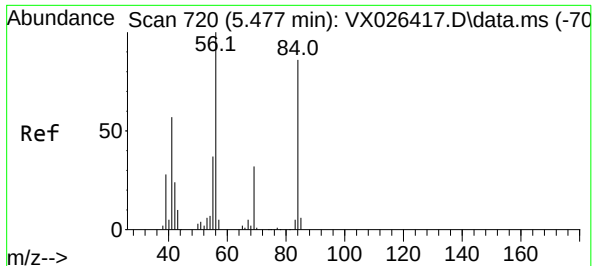
Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6



#30
Chloroform
Concen: 0.287 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

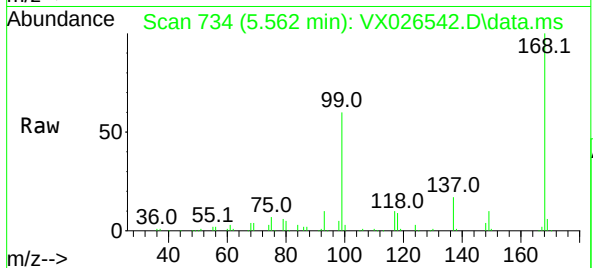
Tgt Ion: 83 Resp: 896
Ion Ratio Lower Upper
83 100
85 60.3 51.6 77.4



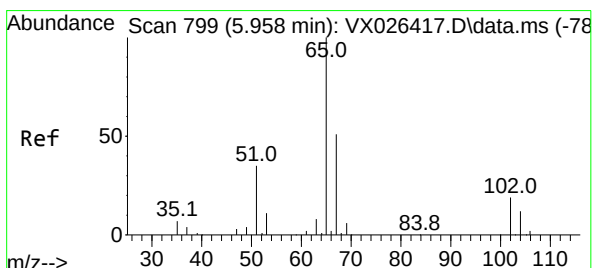
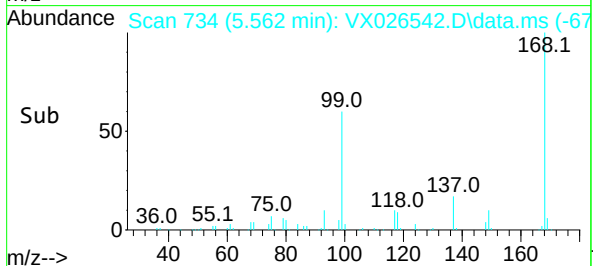
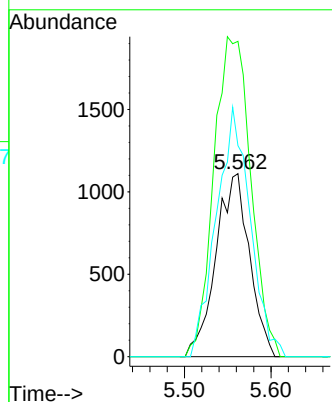


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :

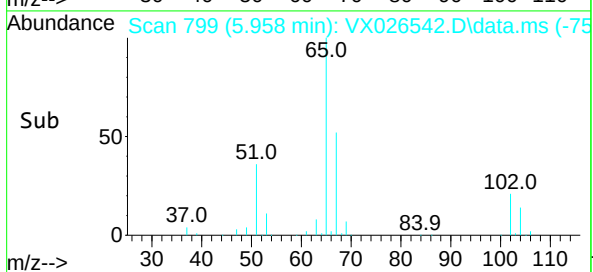
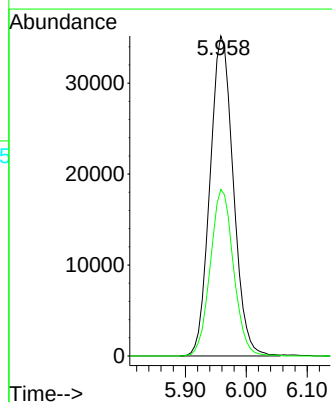
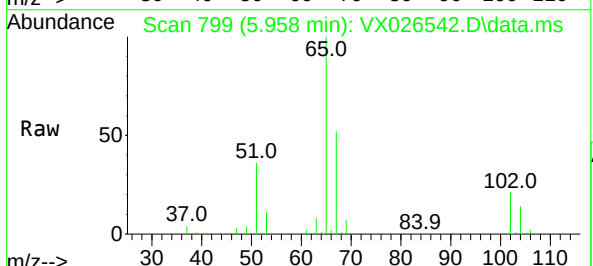


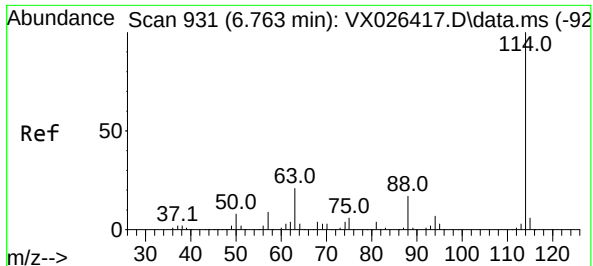
Tgt Ion: 56 Resp: 2987
Ion Ratio Lower Upper
56 100
69 172.3 25.8 38.6#
84 115.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.019 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Tgt Ion: 65 Resp: 93729
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

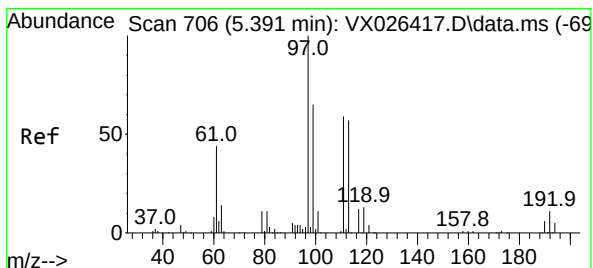
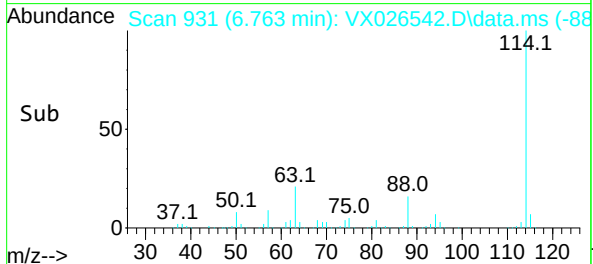
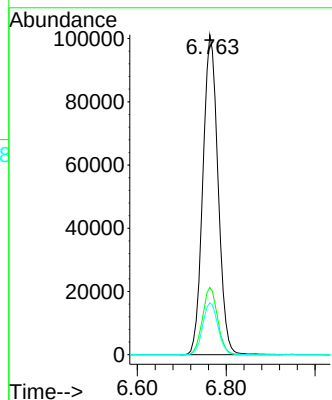
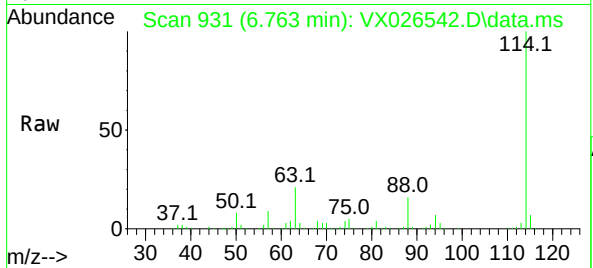




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX026542.D
 Acq: 21 Jan 2022 12:54

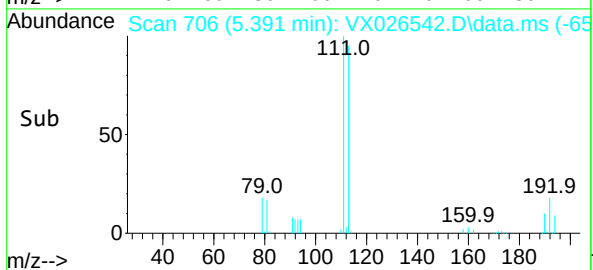
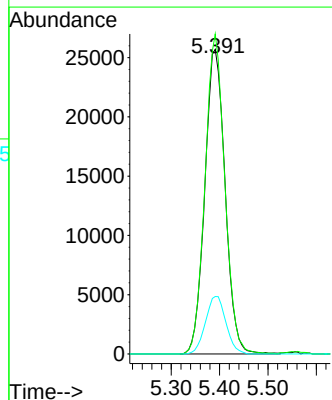
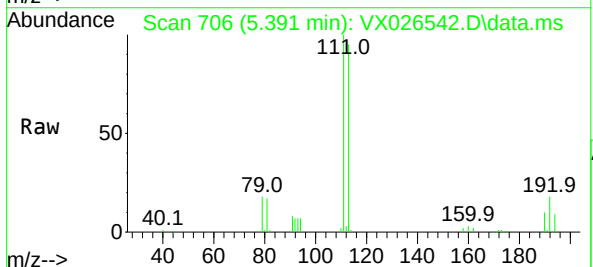
Instrument :
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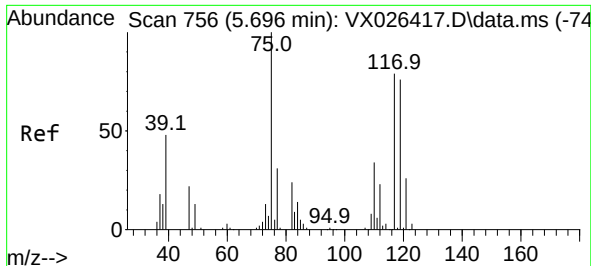
Tgt Ion:114 Resp: 240269
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.2 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.404 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX026542.D
 Acq: 21 Jan 2022 12:54

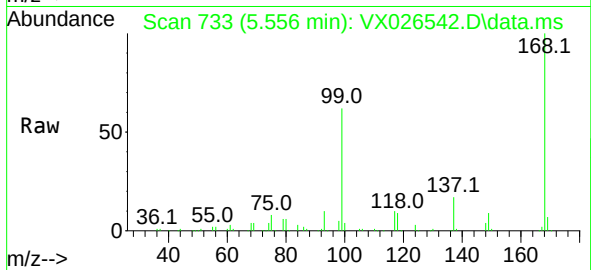
Tgt Ion:113 Resp: 75103
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 19.0 15.0 22.4



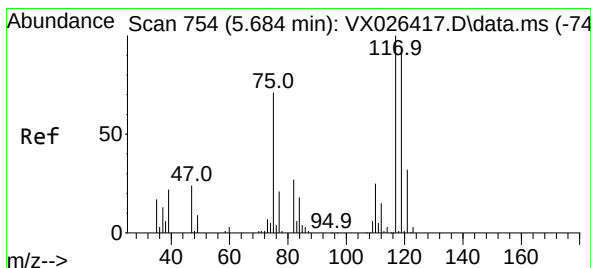
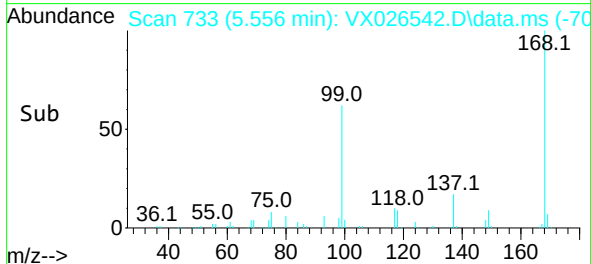
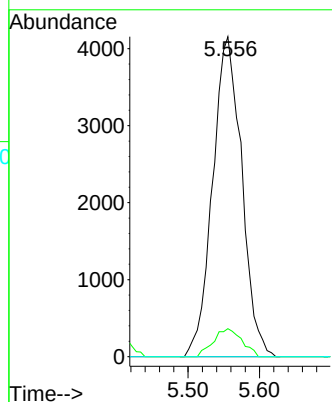


#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :

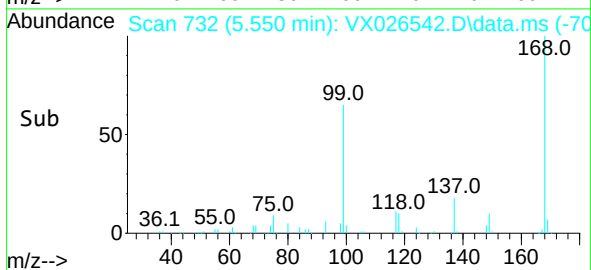
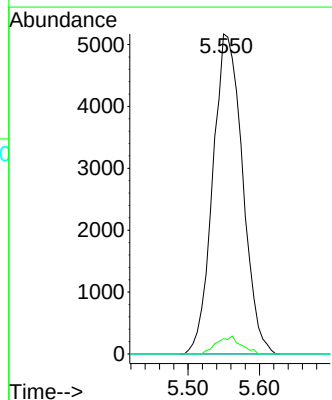
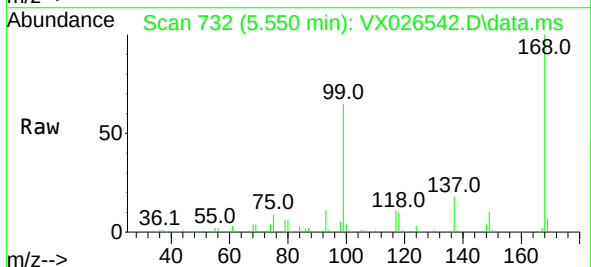


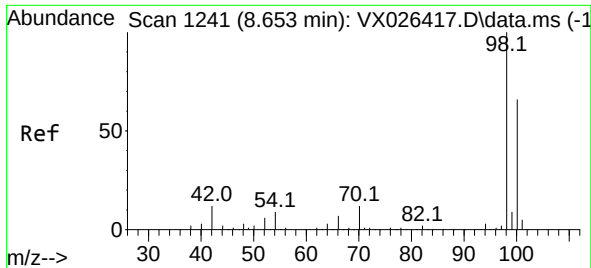
Tgt Ion: 75 Resp: 11719
Ion Ratio Lower Upper
75 100
110 8.6 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Tgt Ion: 117 Resp: 14918
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#

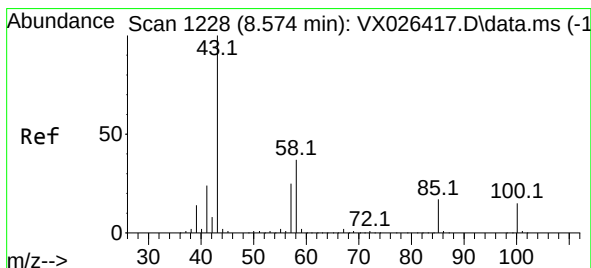
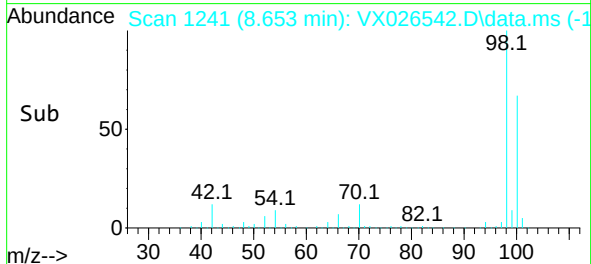
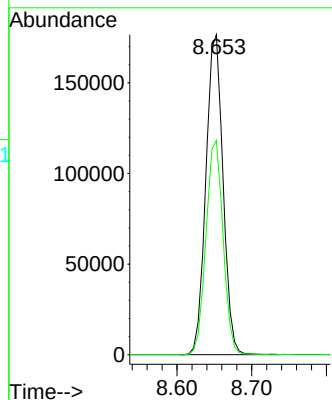
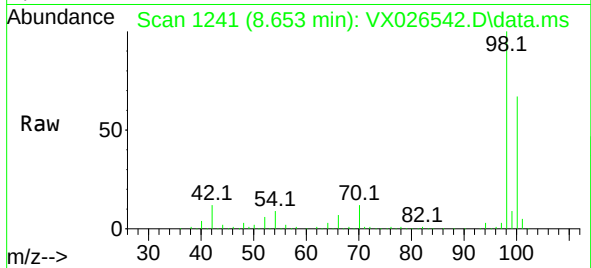




#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

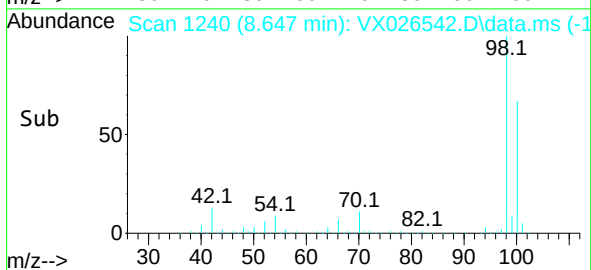
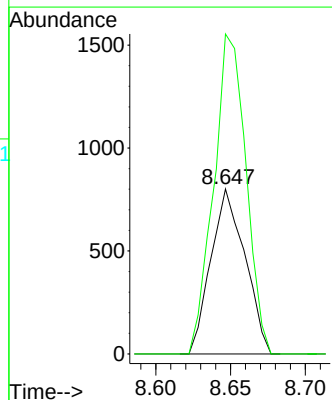
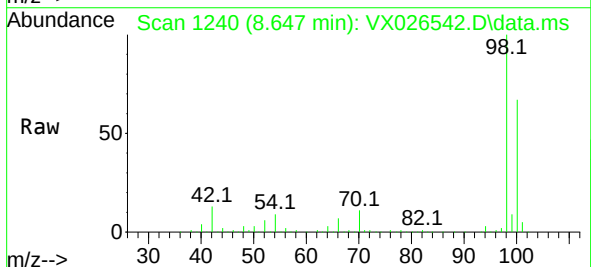
Instrument :
MSVOA_X
ClientSampleId :

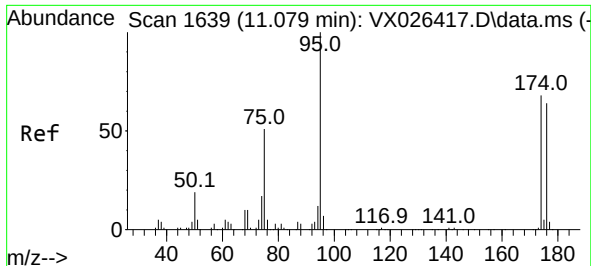
Tgt Ion: 98 Resp: 280558
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026542.D
Acq: 21 Jan 2022 12:54

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 183.8 30.5 45.7#





#62

4-Bromofluorobenzene

Concen: 52.460 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026542.D

Acq: 21 Jan 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

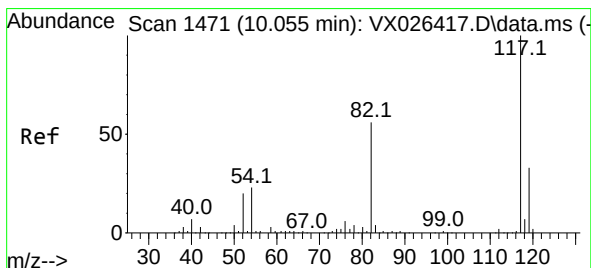
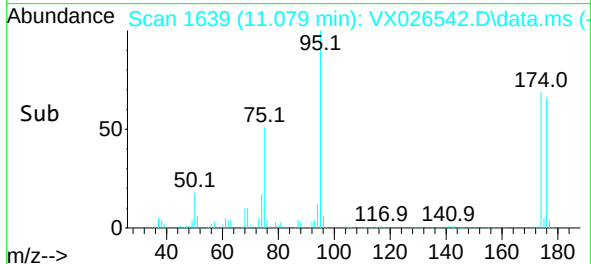
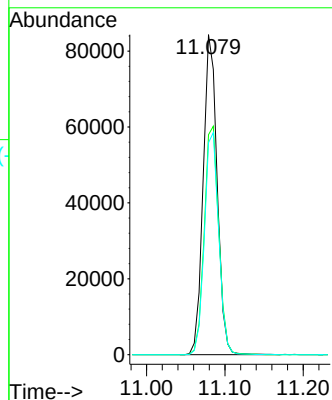
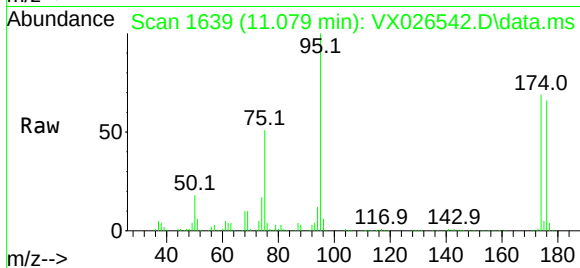
Tgt Ion: 95 Resp: 104196

Ion Ratio Lower Upper

95 100

174 73.9 0.0 148.6

176 71.2 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026542.D

Acq: 21 Jan 2022 12:54

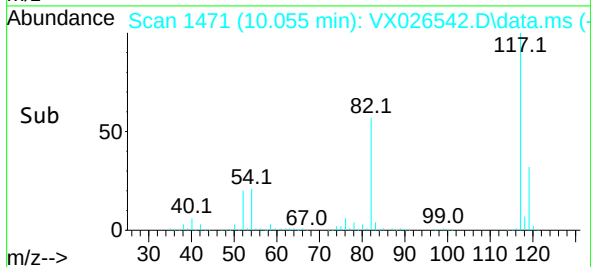
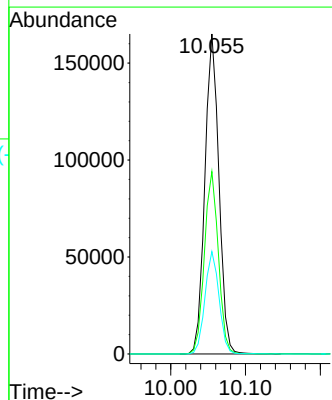
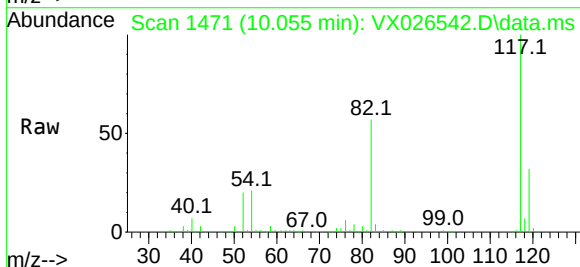
Tgt Ion: 117 Resp: 215146

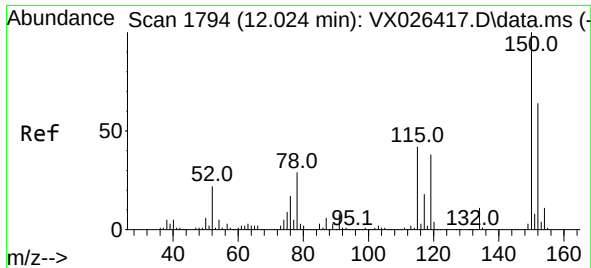
Ion Ratio Lower Upper

117 100

82 57.0 45.2 67.8

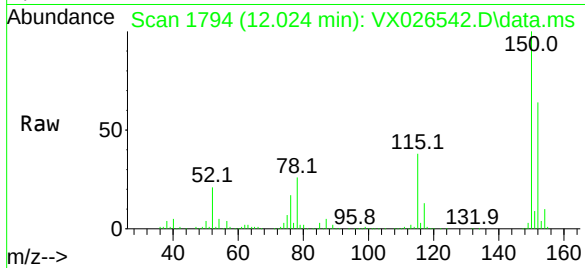
119 32.0 26.2 39.2



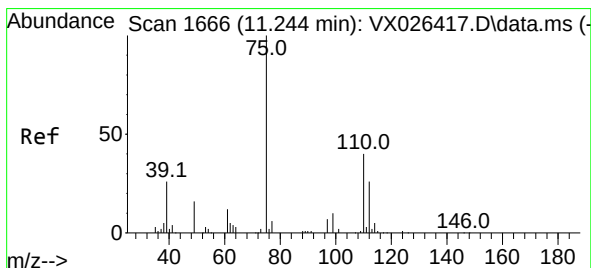
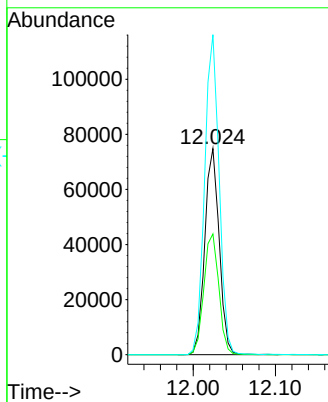
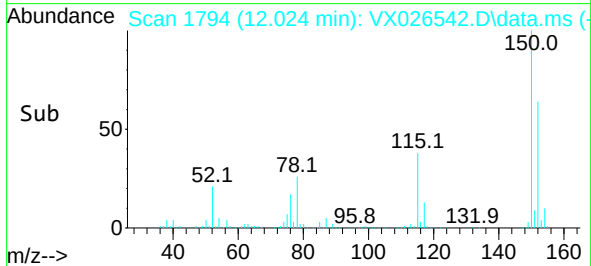


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026542.D
 Acq: 21 Jan 2022 12:54

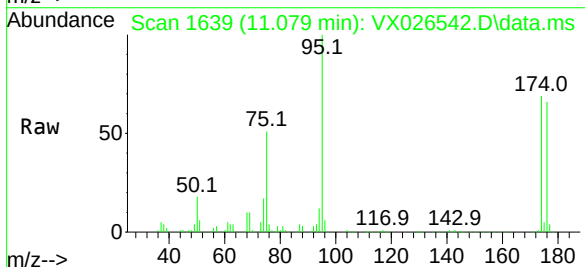
Instrument :
 MSVOA_X
 ClientSampleId :



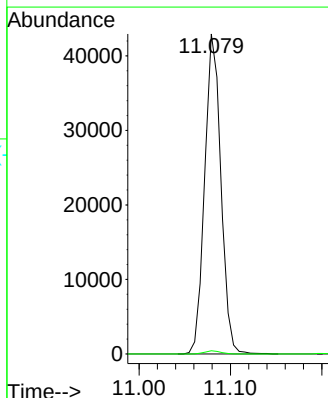
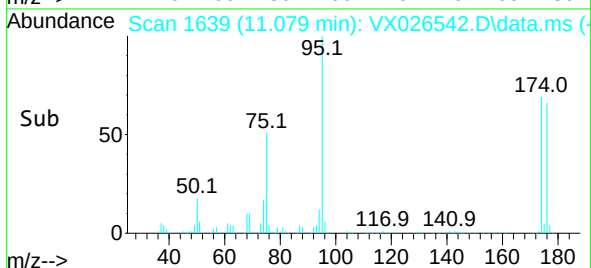
Tgt Ion:152 Resp: 91131
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.2 132.6
 150 156.2 0.0 348.2

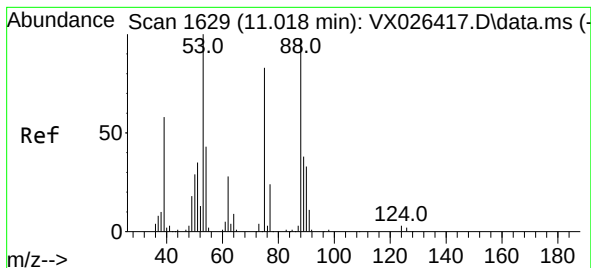


#76
 1,2,3-Trichloropropane
 Concen: 26.310 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026542.D
 Acq: 21 Jan 2022 12:54



Tgt Ion: 75 Resp: 52791
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

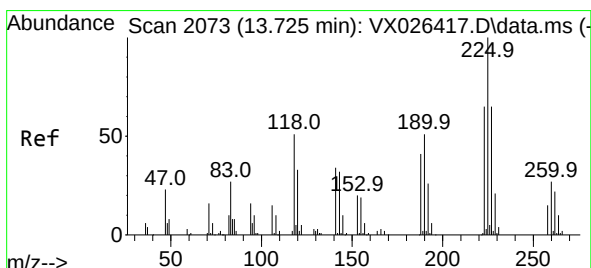
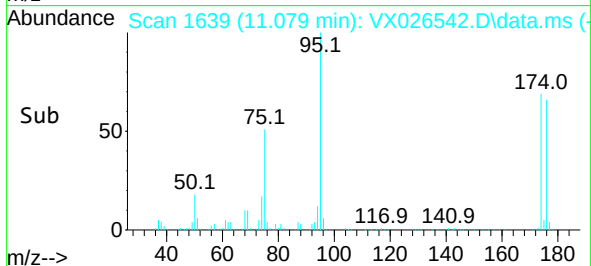
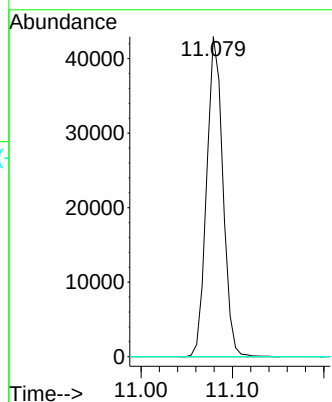
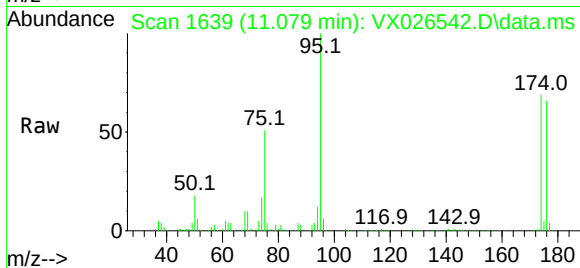




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.711 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026542.D
 Acq: 21 Jan 2022 12:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 52791
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#



#94
 Hexachlorobutadiene
 Concen: 0.226 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX026542.D
 Acq: 21 Jan 2022 12:54

Tgt Ion: 225 Resp: 185
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.0 96.0#
 227 41.1 32.3 96.9

