

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032134.D
 Acq On : 14 Oct 2022 15:07
 Operator : JC/MD
 Sample : N5145-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-101322

Quant Time: Oct 17 02:25:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

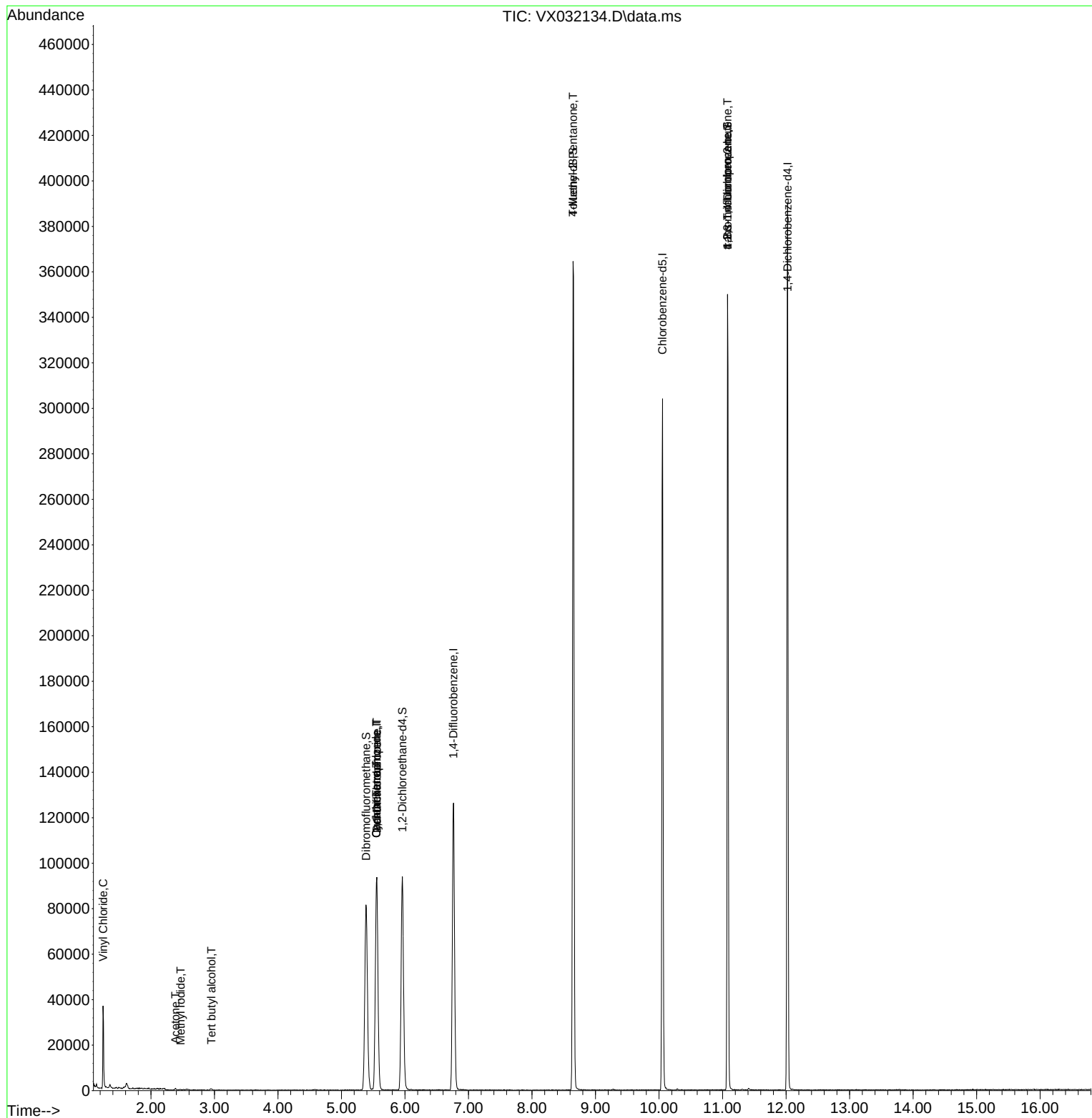
Internal Standards						
1) Pentafluorobenzene	5.556	168	84434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92806	53.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.440%			
35) Dibromofluoromethane	5.385	113	68757	48.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.880%			
50) Toluene-d8	8.647	98	214831	42.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 84.120%#			
62) 4-Bromofluorobenzene	11.079	95	86942	48.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.300%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.246	62	308	0.200	ug/l #	43
5) Bromomethane	1.611	94	594	Below Cal	#	66
10) Methyl Iodide	2.465	142	279	2.940	ug/l #	82
11) Tert butyl alcohol	2.953	59	398	1.835	ug/l #	73
16) Acetone	2.386	43	871	1.470	ug/l #	84
31) Cyclohexane	5.550	56	2139	1.027	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	7134	3.790	ug/l #	46
38) Carbon Tetrachloride	5.550	117	9240	4.802	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	886	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49538	31.849	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	49538	108.486	ug/l #	11

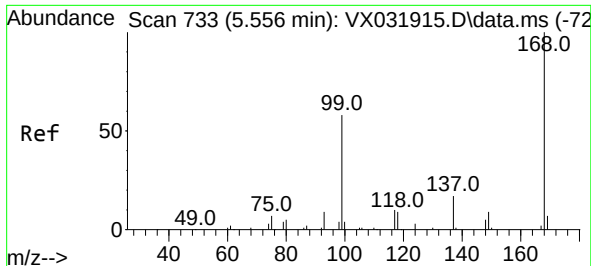
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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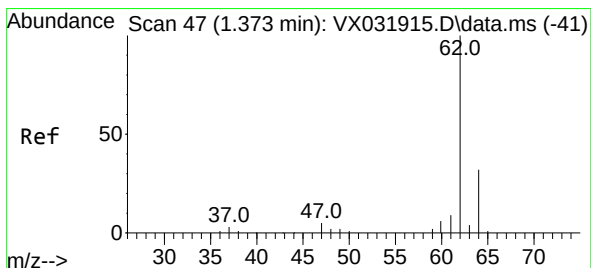
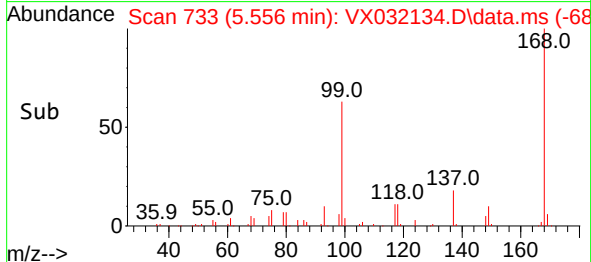
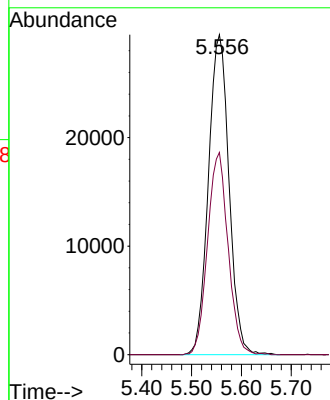
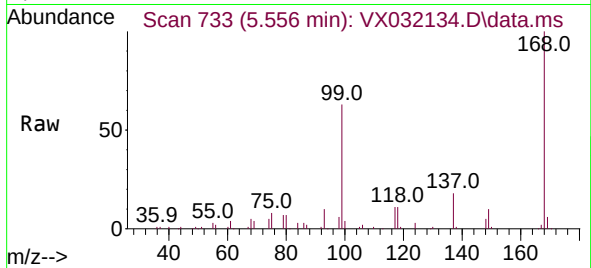




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

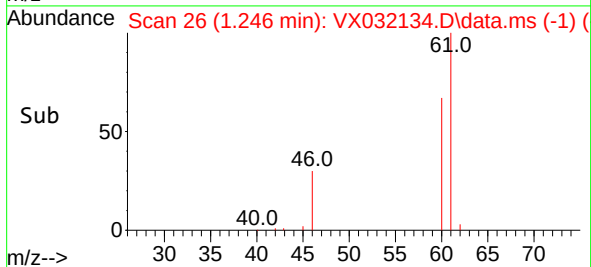
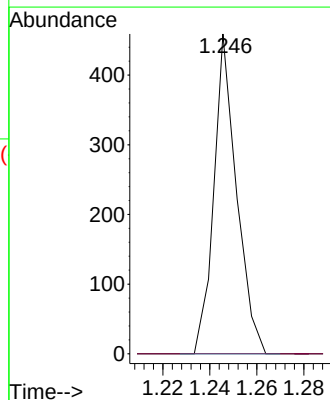
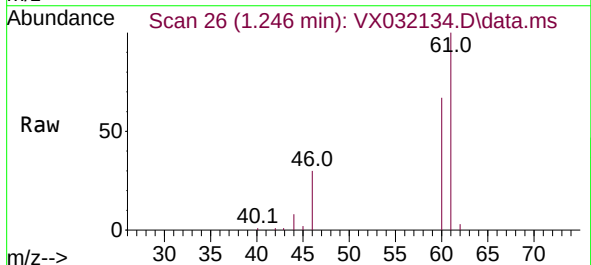
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

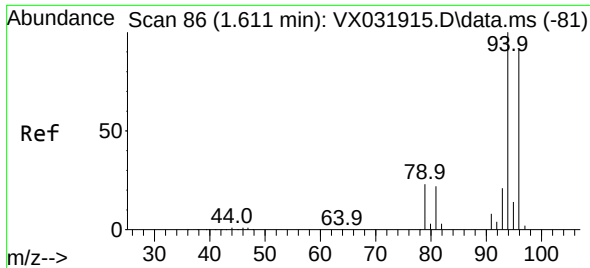
Tgt Ion:168 Resp: 84434
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#4
Vinyl Chloride
Concen: 0.200 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.127 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

Tgt Ion: 62 Resp: 308
Ion Ratio Lower Upper
62 100
64 0.0 25.3 37.9#

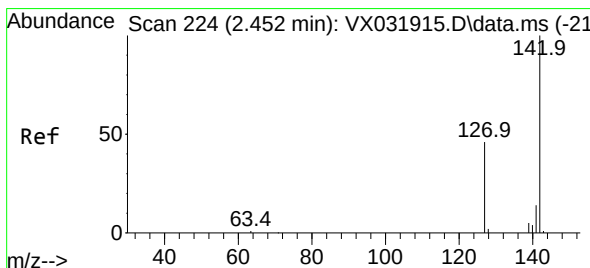
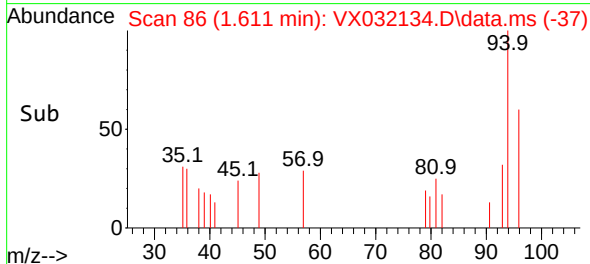
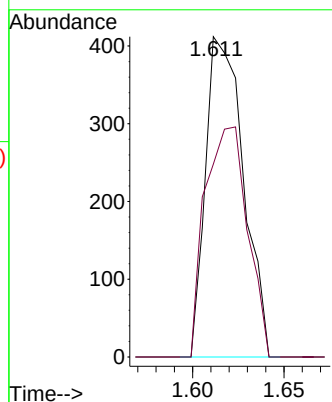
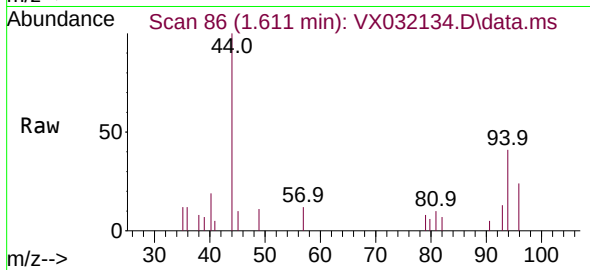




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

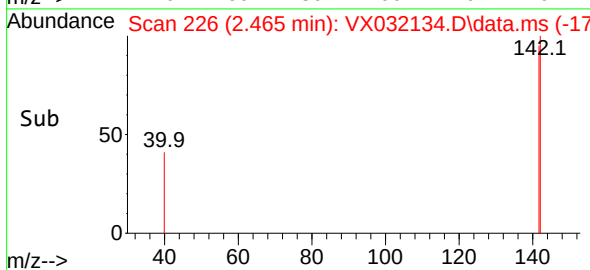
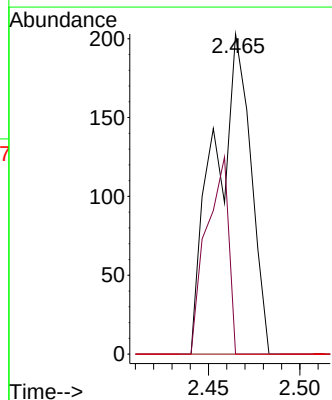
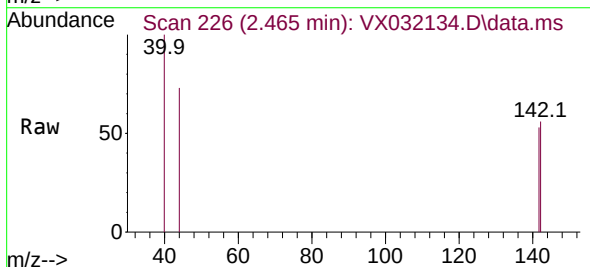
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

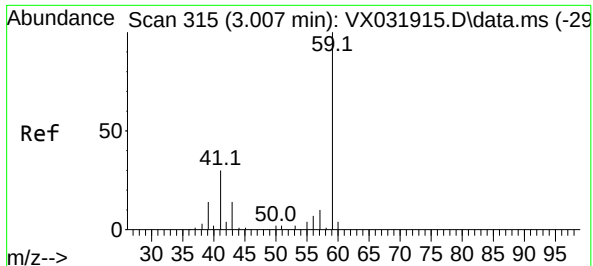
Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 60.2 74.4 111.6#



#10
Methyl Iodide
Concen: 2.940 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

Tgt Ion: 142 Resp: 279
Ion Ratio Lower Upper
142 100
127 38.0 37.4 56.0
141 0.0 11.6 17.4#

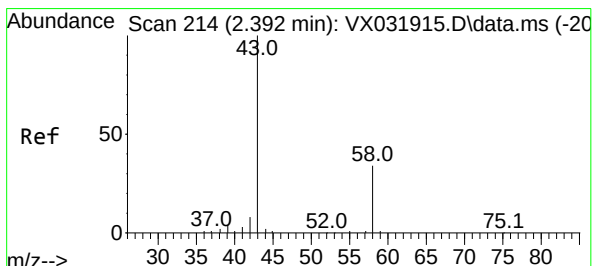
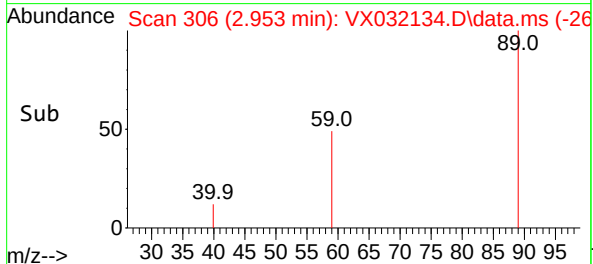
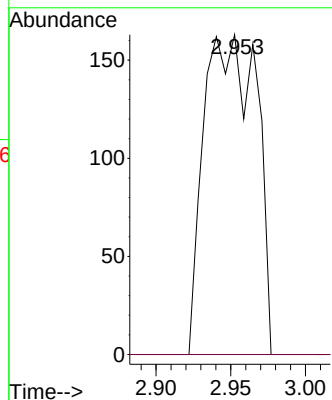
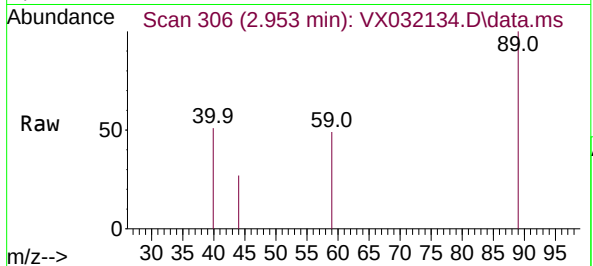




#11
Tert butyl alcohol
Concen: 1.835 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.054 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

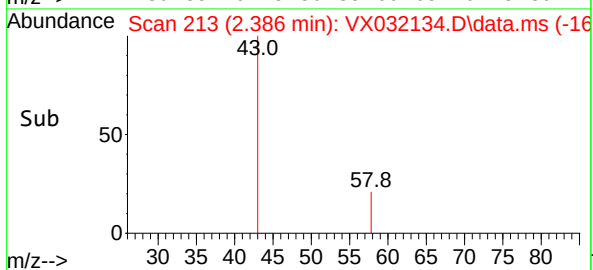
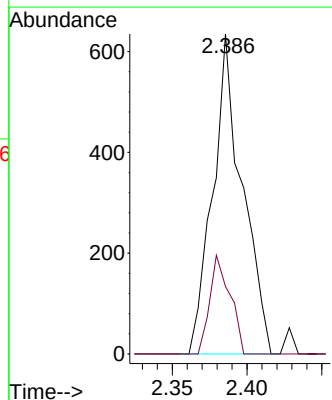
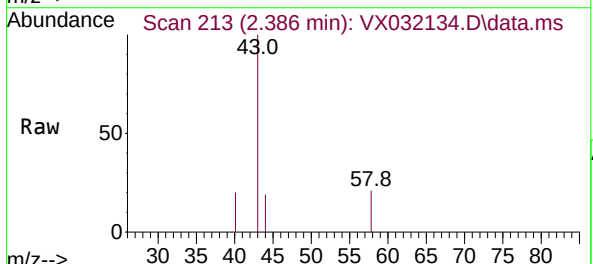
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

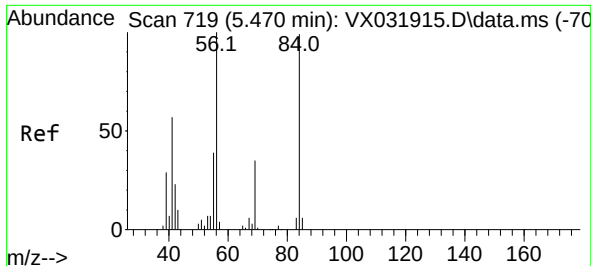
Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.470 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

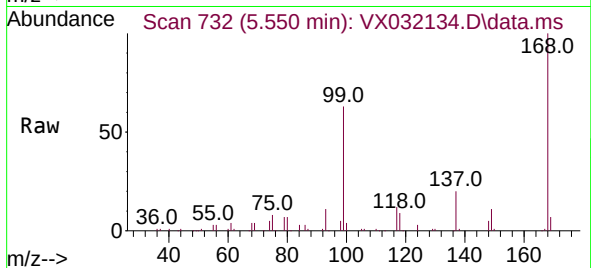
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 21.1 23.8 35.8#



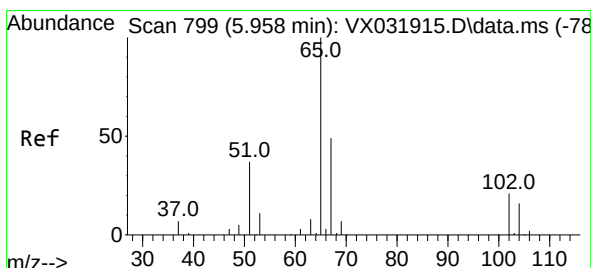
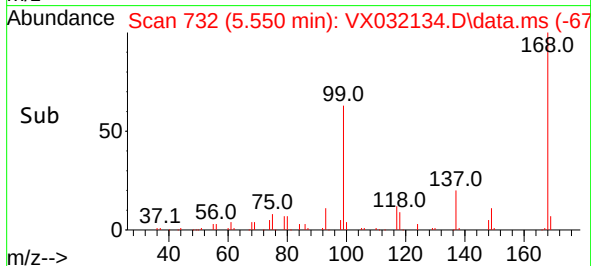
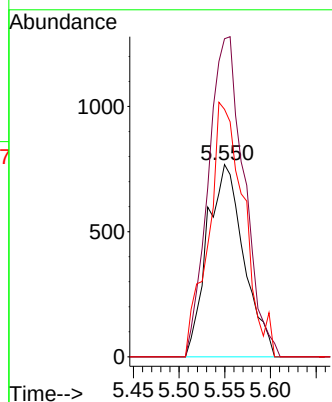


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

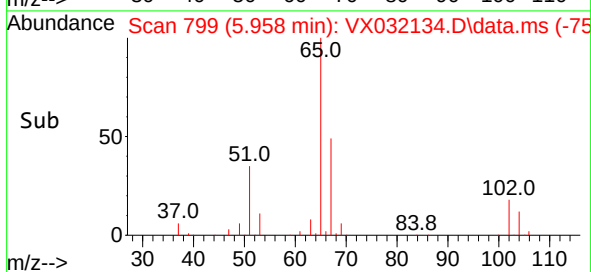
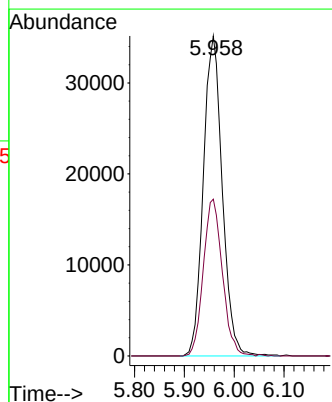
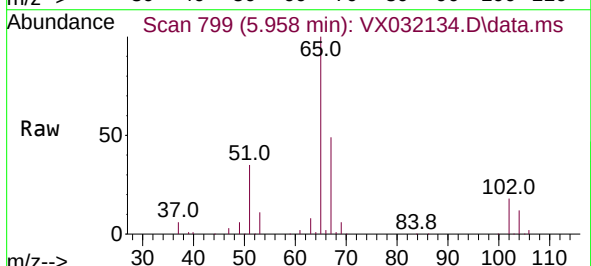


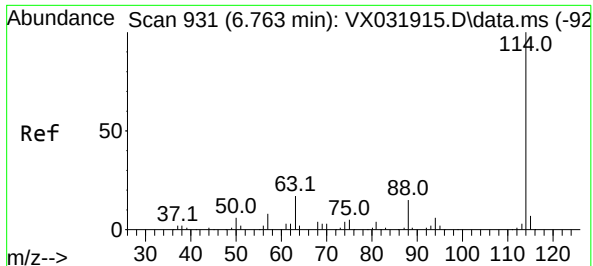
Tgt Ion: 56 Resp: 2139
Ion Ratio Lower Upper
56 100
69 165.5 25.1 37.7#
84 128.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.222 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

Tgt Ion: 65 Resp: 92806
Ion Ratio Lower Upper
65 100
67 49.2 0.0 102.4

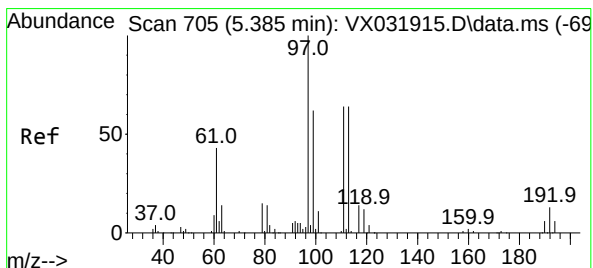
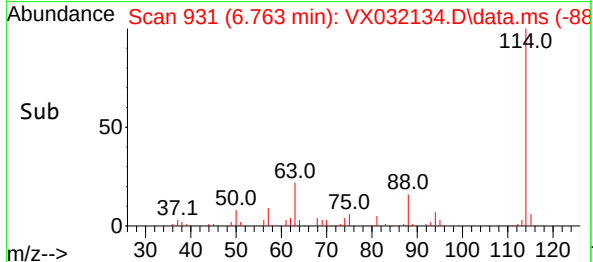
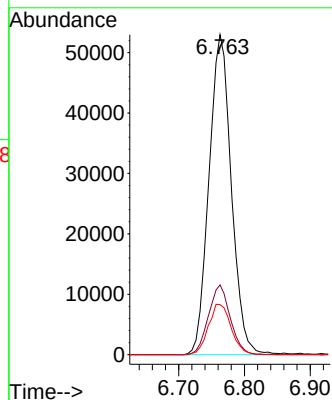
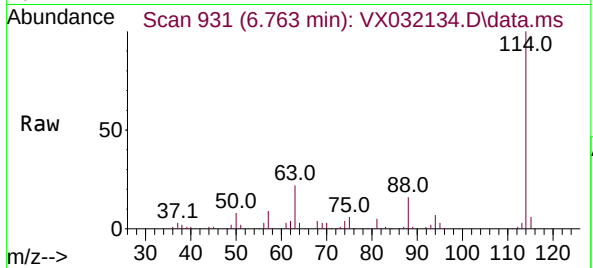




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

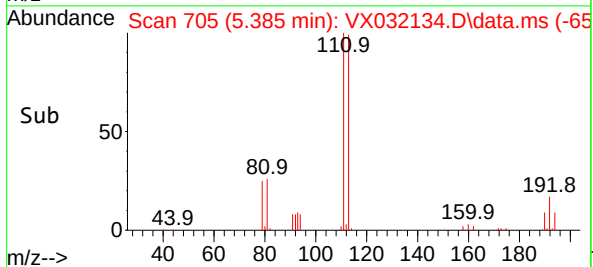
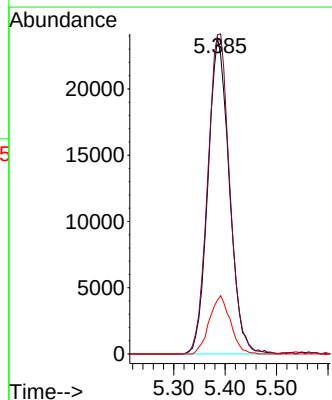
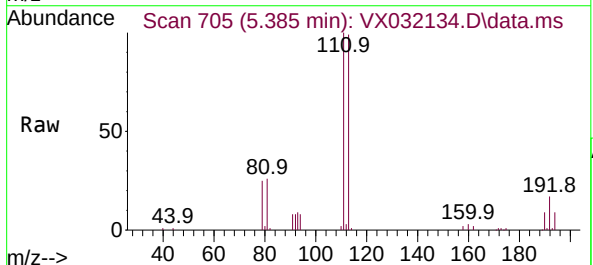
Instrument :
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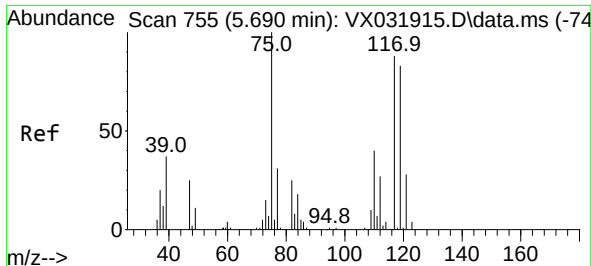
Tgt Ion:114 Resp: 125387
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.6
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

Tgt Ion:113 Resp: 68757
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 18.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.790 ug/l

RT: 5.556 min Scan# 713

Delta R.T. -0.134 min

Lab File: VX032134.D

Acq: 14 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

MW-6-101322

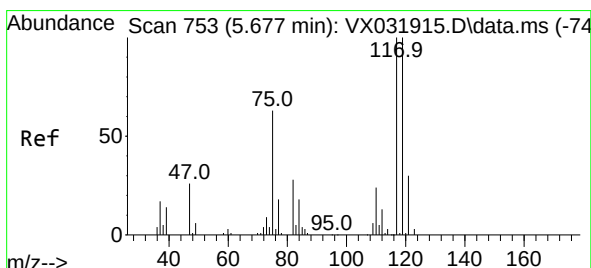
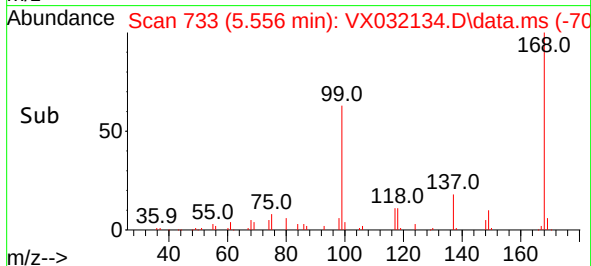
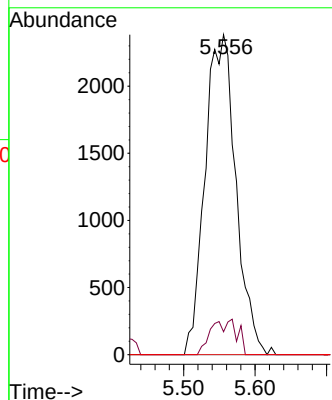
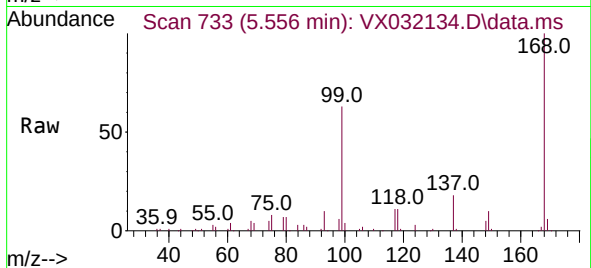
Tgt Ion: 75 Resp: 7134

Ion Ratio Lower Upper

75 100

110 5.1 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.802 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX032134.D

Acq: 14 Oct 2022 15:07

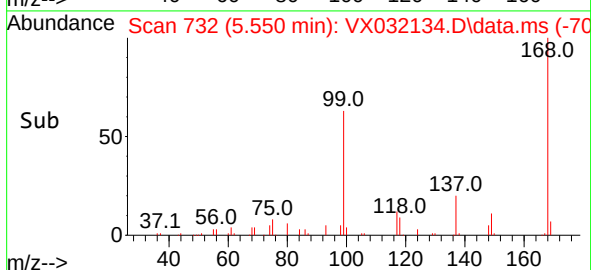
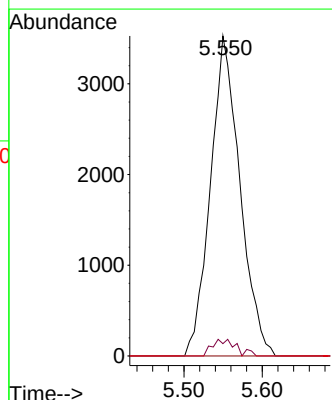
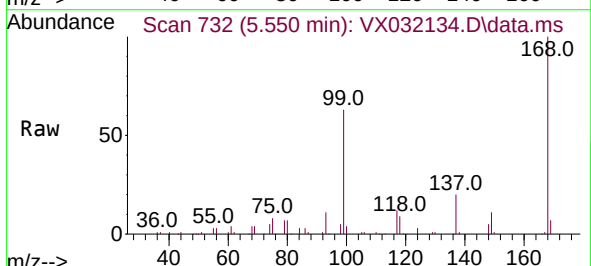
Tgt Ion: 117 Resp: 9240

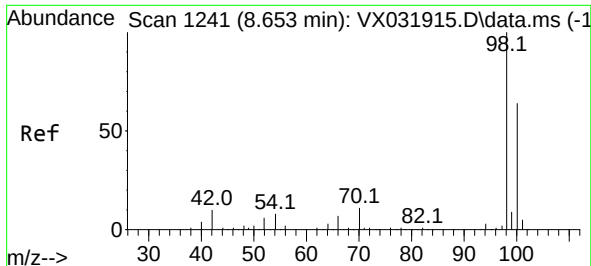
Ion Ratio Lower Upper

117 100

119 3.9 74.6 112.0#

121 0.0 25.3 37.9#

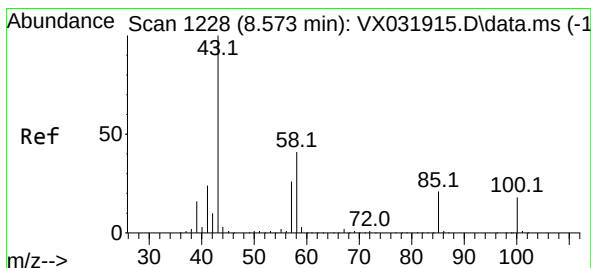
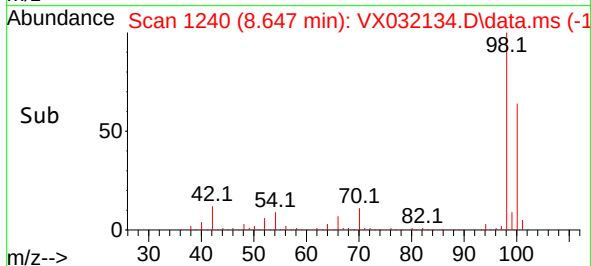
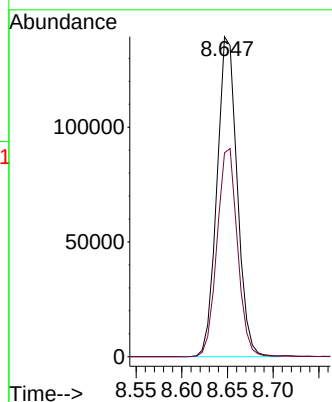
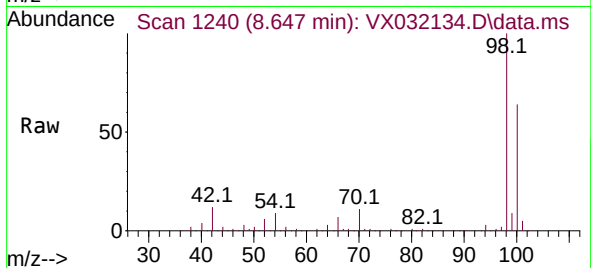




#50
Toluene-d8
Concen: 42.065 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

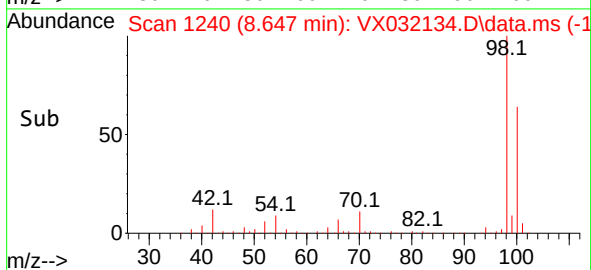
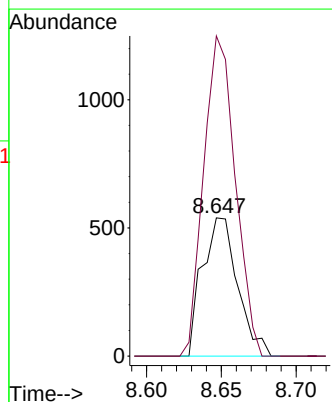
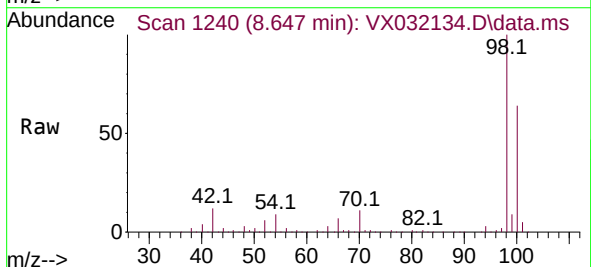
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

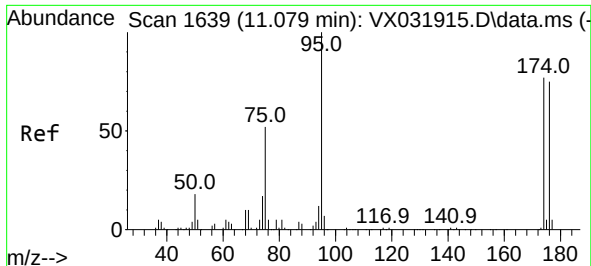
Tgt Ion: 98 Resp: 214831
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX032134.D
Acq: 14 Oct 2022 15:07

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 208.0 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 48.153 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032134.D

Acq: 14 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

MW-6-101322

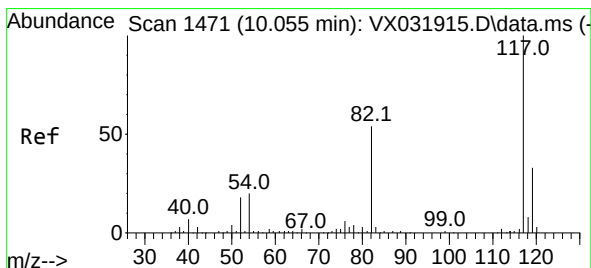
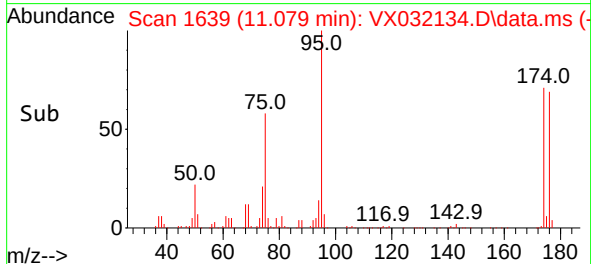
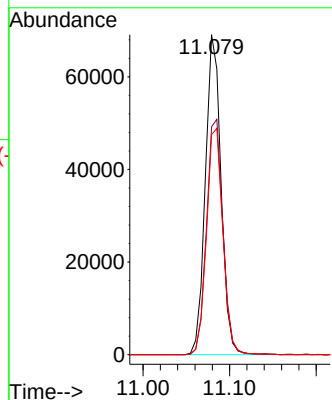
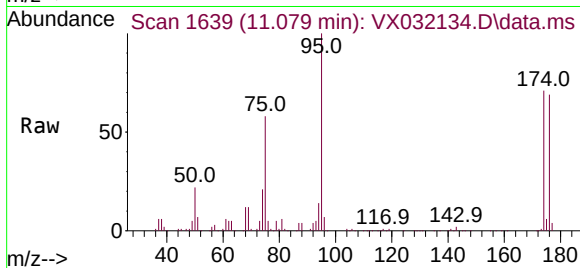
Tgt Ion: 95 Resp: 86942

Ion Ratio Lower Upper

95 100

174 76.9 0.0 153.2

176 73.7 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032134.D

Acq: 14 Oct 2022 15:07

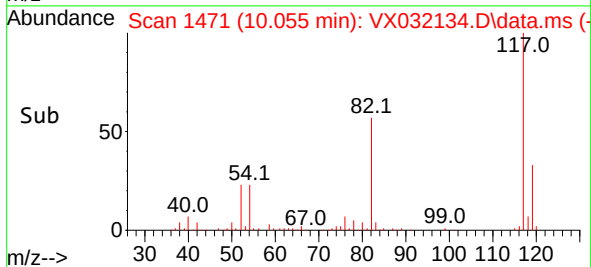
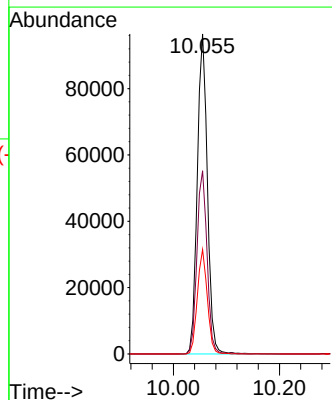
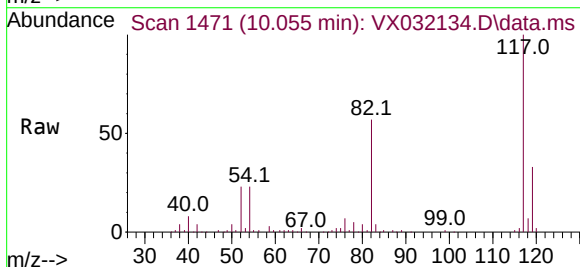
Tgt Ion: 117 Resp: 127523

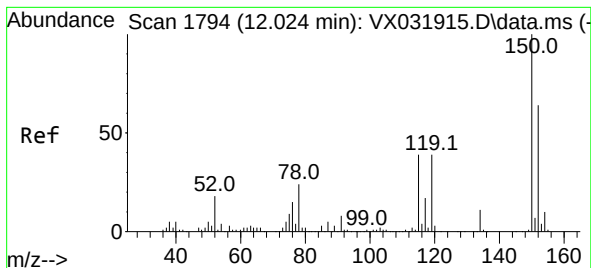
Ion Ratio Lower Upper

117 100

82 57.3 46.8 70.2

119 32.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032134.D

Acq: 14 Oct 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

MW-6-101322

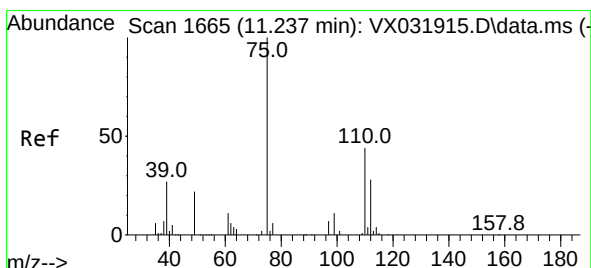
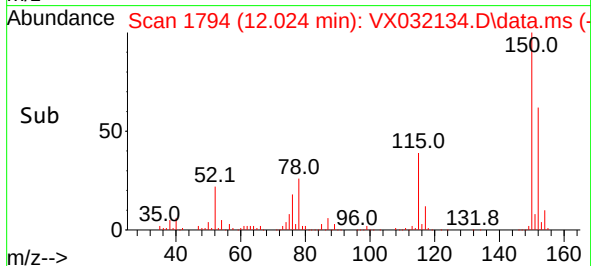
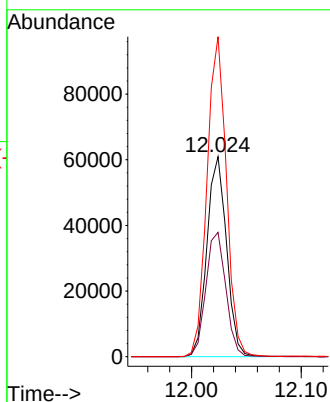
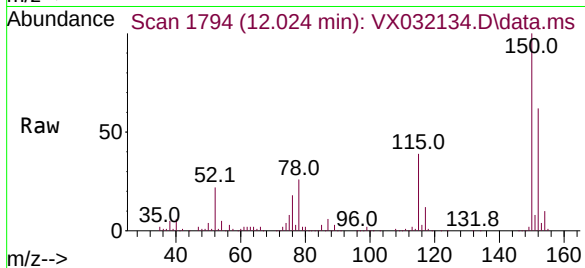
Tgt Ion:152 Resp: 75892

Ion Ratio Lower Upper

152 100

115 63.4 43.4 130.1

150 157.8 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 31.849 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX032134.D

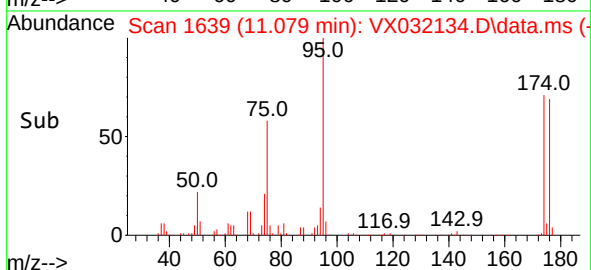
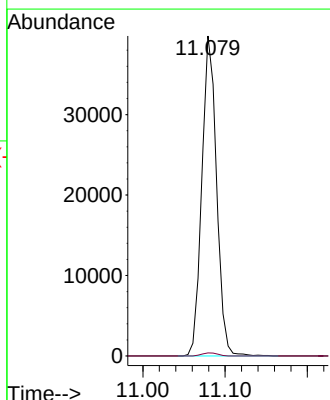
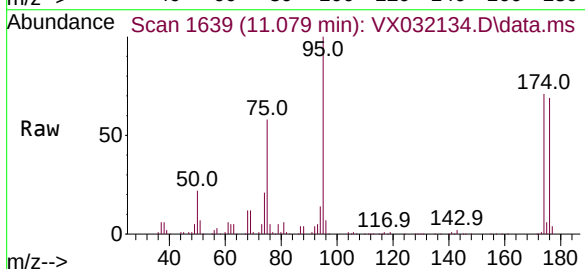
Acq: 14 Oct 2022 15:07

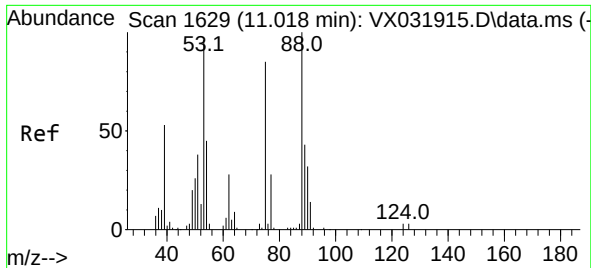
Tgt Ion: 75 Resp: 49538

Ion Ratio Lower Upper

75 100

77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.486 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032134.D
 Acq: 14 Oct 2022 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-101322

Tgt Ion: 75 Resp: 49538
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

