

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032137.D
 Acq On : 14 Oct 2022 16:16
 Operator : JC/MD
 Sample : N5145-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9-101322

Quant Time: Oct 17 02:26:18 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)

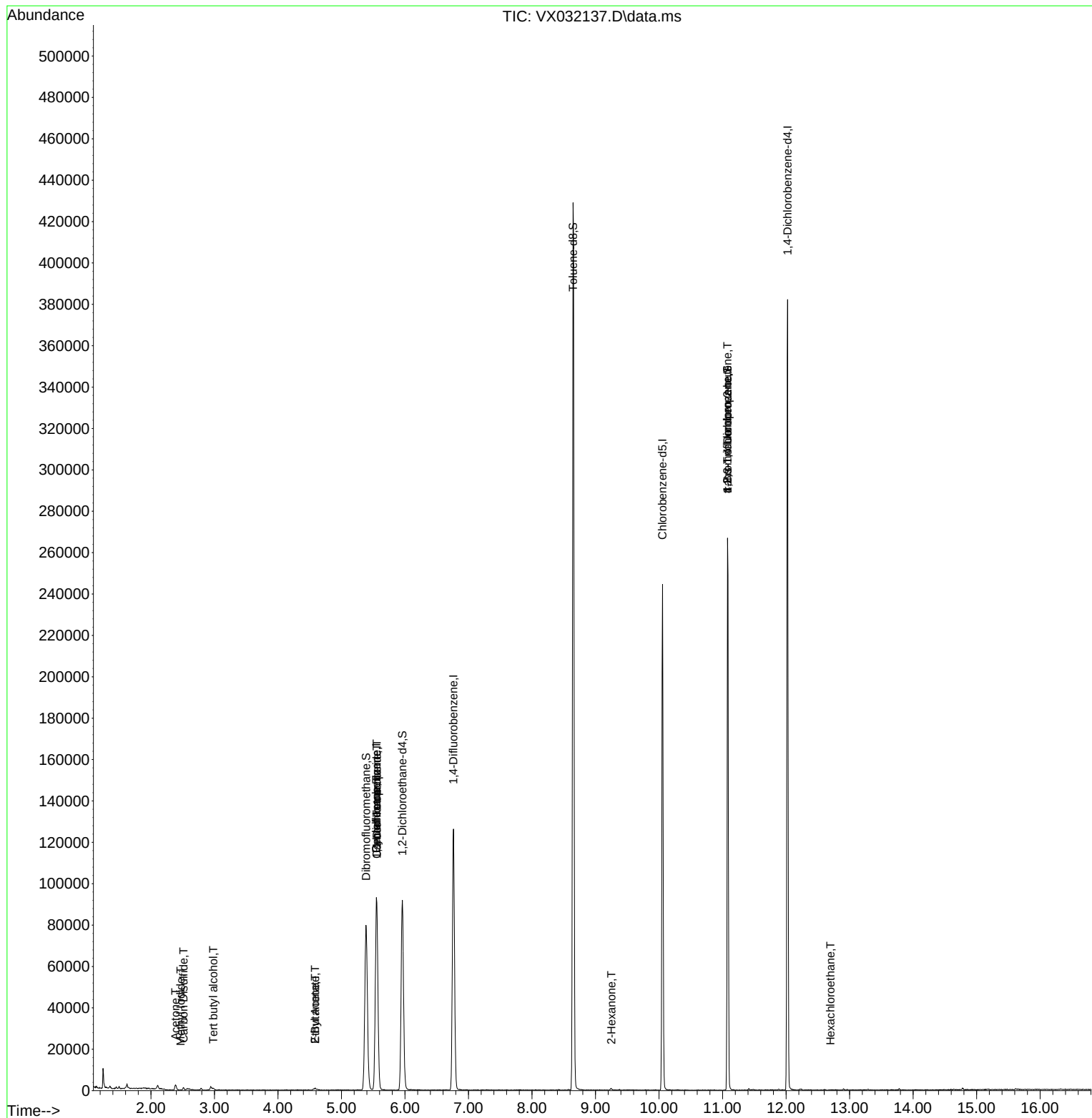
Internal Standards						
1) Pentafluorobenzene	5.550	168	82775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91091	53.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.580%			
35) Dibromofluoromethane	5.385	113	67191	47.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.620%			
50) Toluene-d8	8.647	98	248269	49.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.180%			
62) 4-Bromofluorobenzene	11.079	95	69256	38.737	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.480%#			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	554	Below Cal		87
10) Methyl Iodide	2.465	142	71	2.803 ug/l #		38
11) Tert butyl alcohol	2.983	59	795	3.738 ug/l #		93
16) Acetone	2.386	43	3053	5.255 ug/l		92
17) Carbon Disulfide	2.514	76	1547	0.571 ug/l #		90
25) 2-Butanone	4.587	43	759	0.836 ug/l #		87
31) Cyclohexane	5.550	56	1969	0.964 ug/l #		37
36) 1,1-Dichloropropene	5.556	75	6939	3.723 ug/l #		51
37) Ethyl Acetate	4.587	43	759	0.433 ug/l #		68
38) Carbon Tetrachloride	5.556	117	9264	4.862 ug/l #		16
59) 2-Hexanone	9.250	43	594	0.457 ug/l		77
76) 1,2,3-Trichloropropane	11.079	75	36289	24.408 ug/l #		36
81) trans-1,4-Dichloro-2-b...	11.079	75	36289	83.980 ug/l #		11
90) Hexachloroethane	12.701	117	33	1.351 ug/l #		15

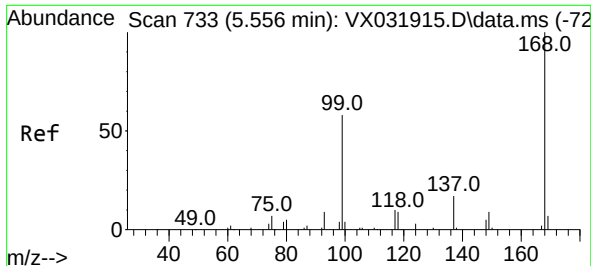
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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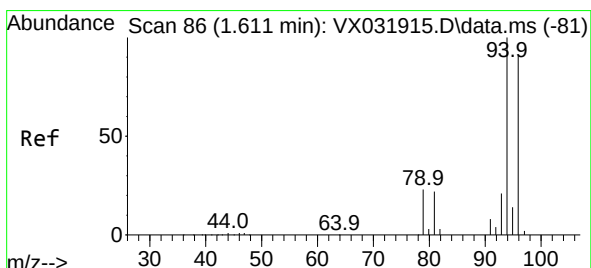
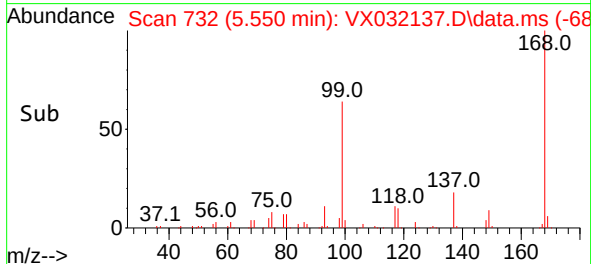
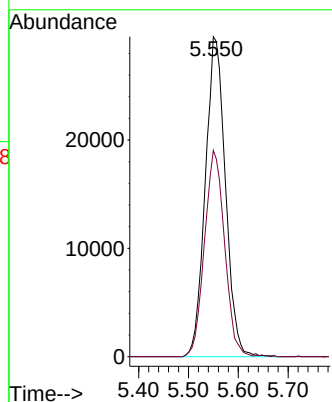
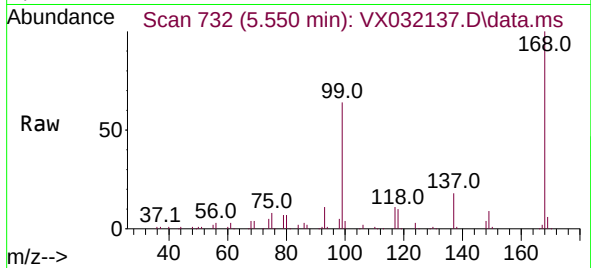




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

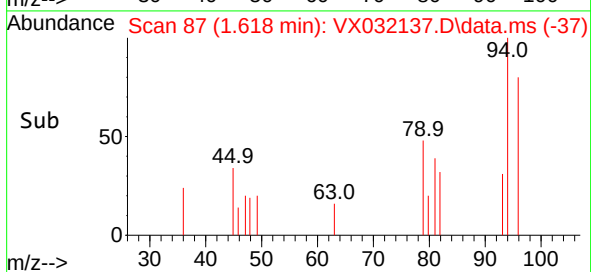
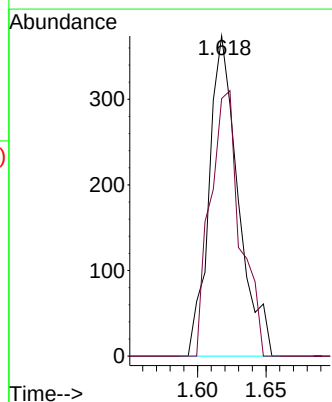
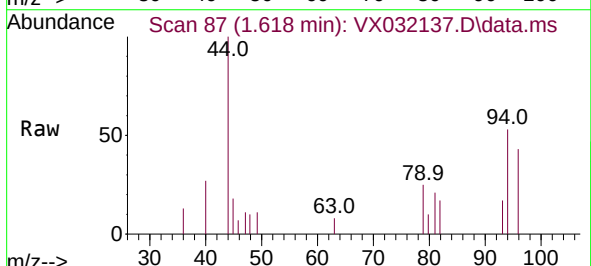
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322

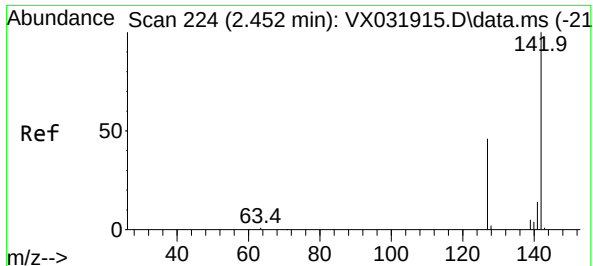
Tgt Ion:168 Resp: 82775
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 80.5 74.4 111.6

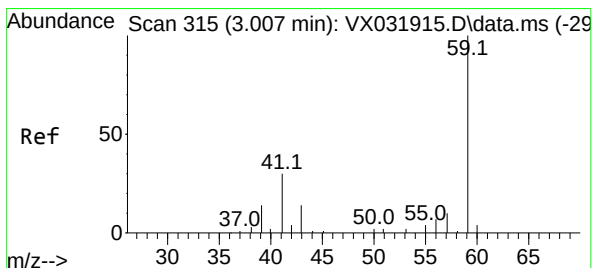
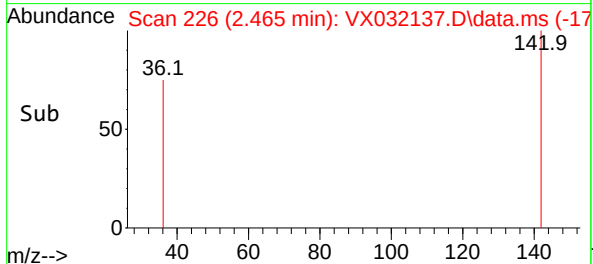
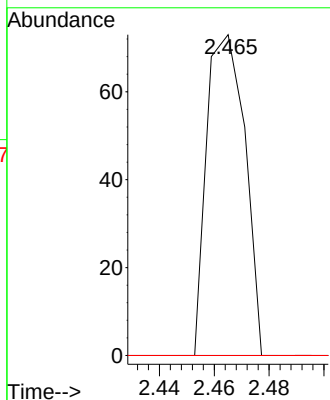
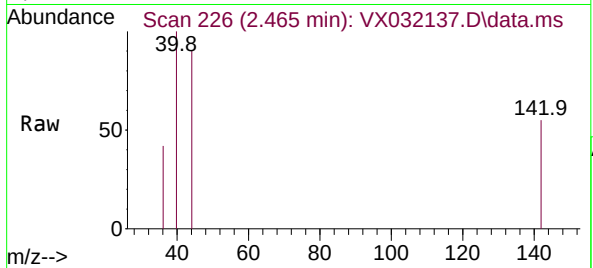




#10
Methyl Iodide
Concen: 2.803 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

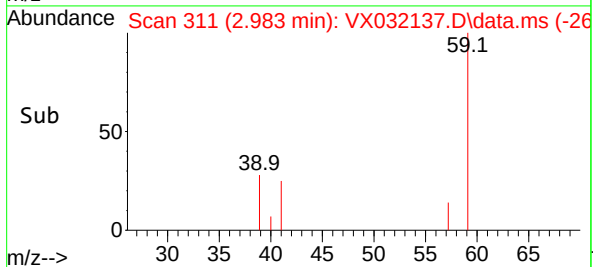
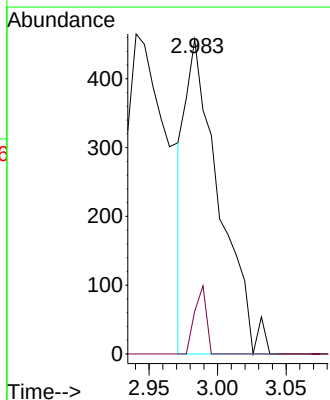
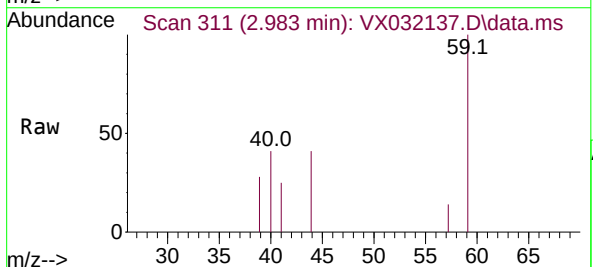
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322

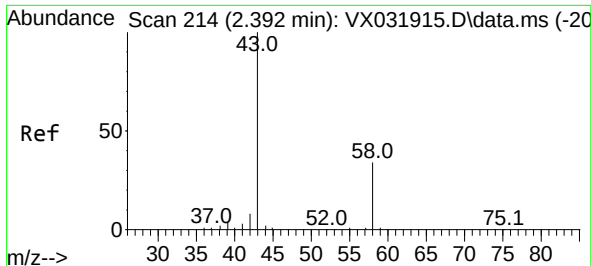
Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.738 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 59 Resp: 795
Ion Ratio Lower Upper
59 100
57 7.4 8.2 12.2#

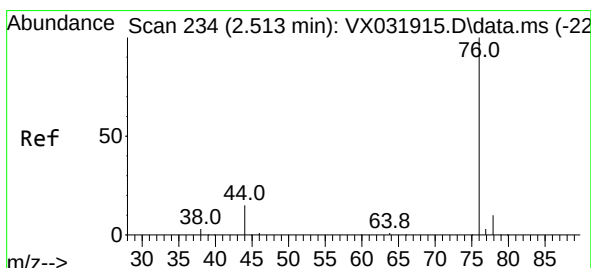
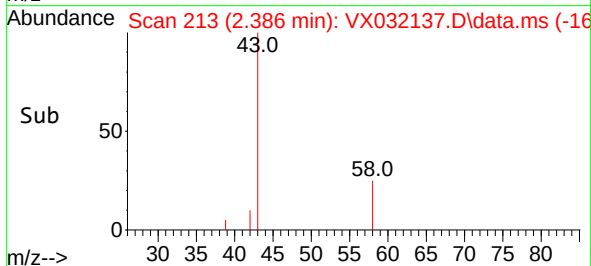
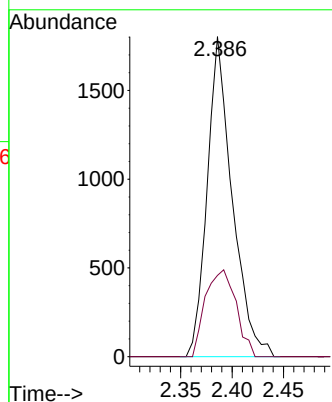
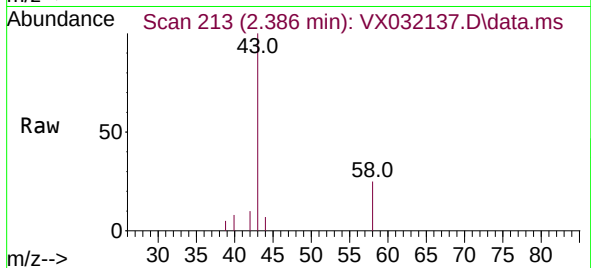




#16
Acetone
Concen: 5.255 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

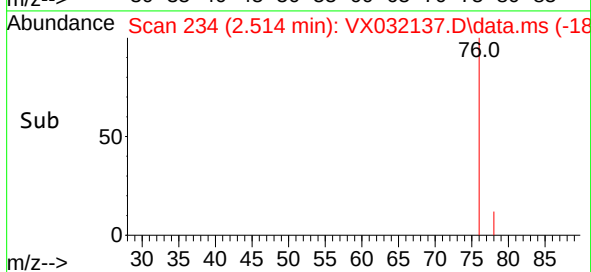
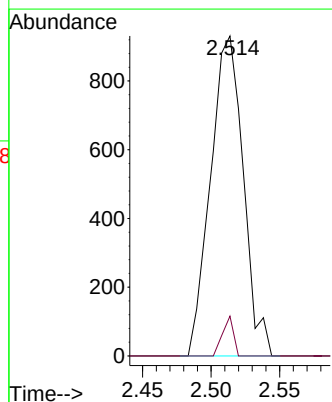
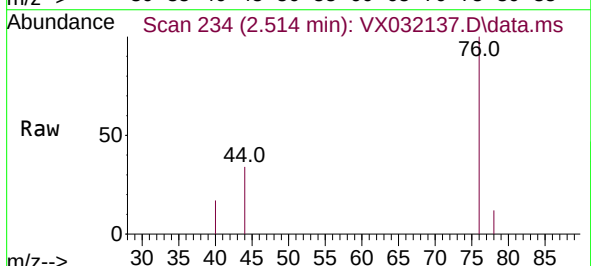
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322

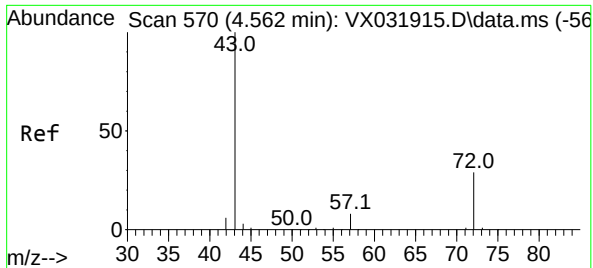
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
58 25.4 23.8 35.8



#17
Carbon Disulfide
Concen: 0.571 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 76 Resp: 1547
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#

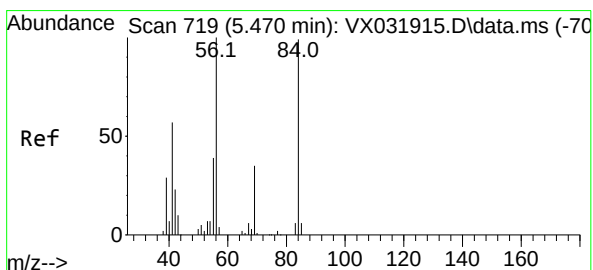
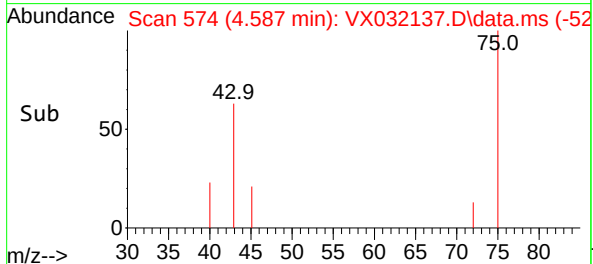
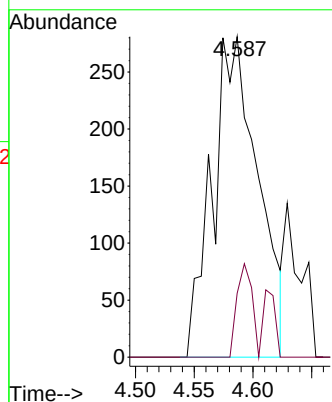
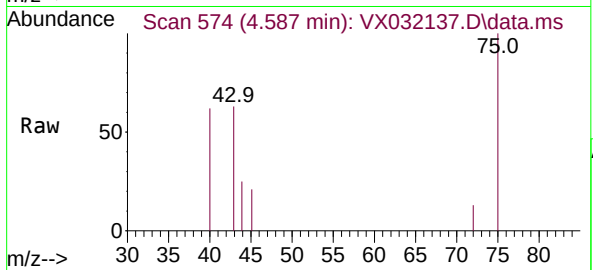




#25
2-Butanone
Concen: 0.836 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

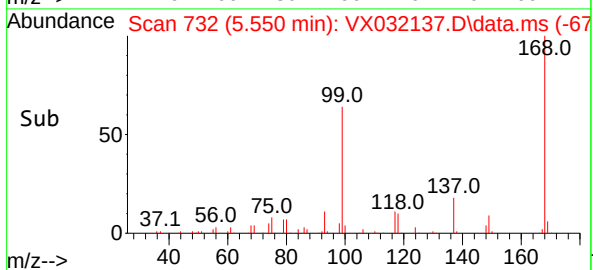
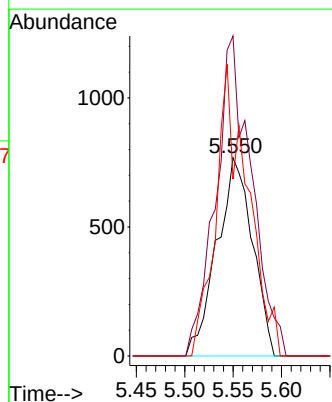
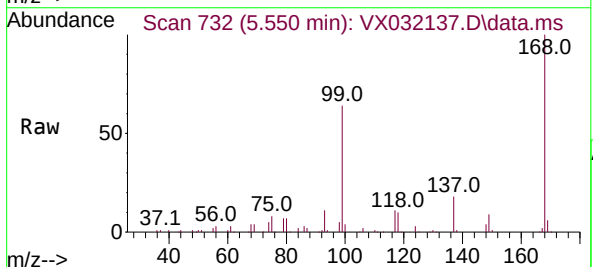
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322

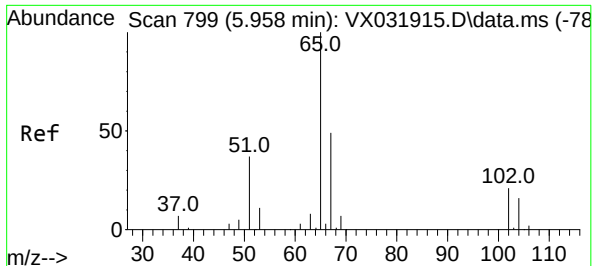
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
72 19.9 21.1 31.7#



#31
Cyclohexane
Concen: 0.964 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 161.5 25.1 37.7#
84 89.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 53.286 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032137.D

Acq: 14 Oct 2022 16:16

Instrument :

MSVOA_X

ClientSampleId :

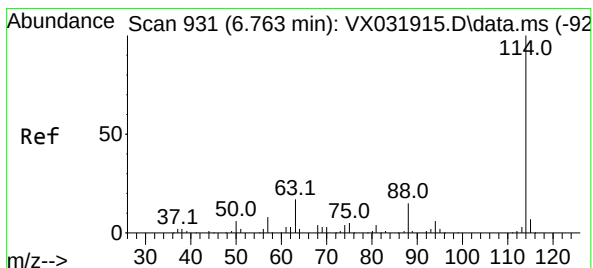
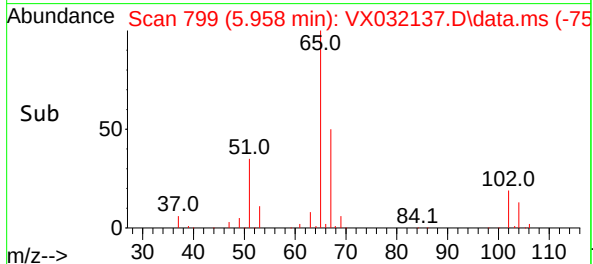
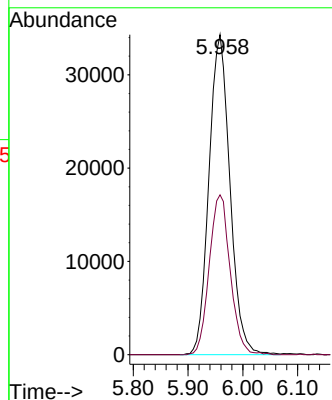
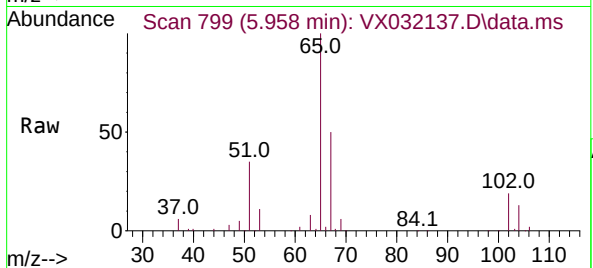
MW-9-101322

Tgt Ion: 65 Resp: 91091

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032137.D

Acq: 14 Oct 2022 16:16

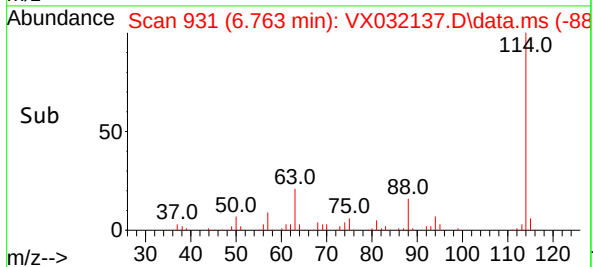
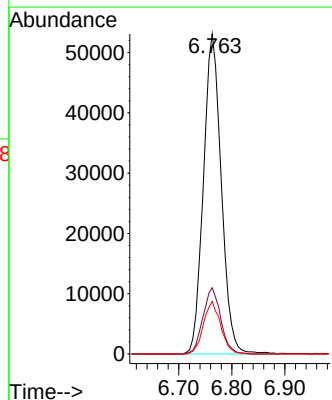
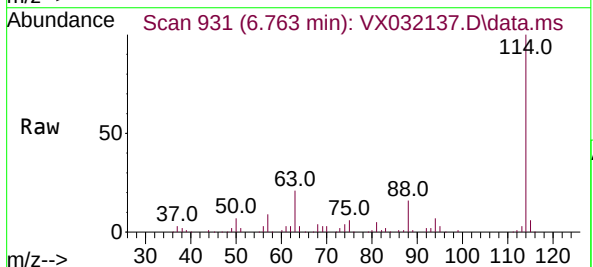
Tgt Ion: 114 Resp: 124161

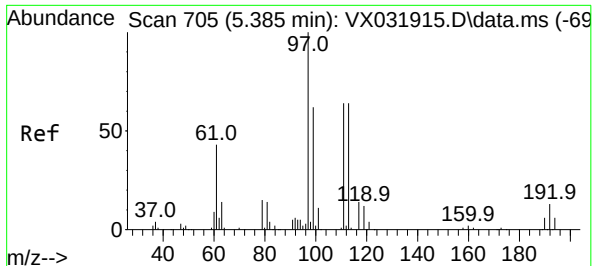
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.4 0.0 33.0

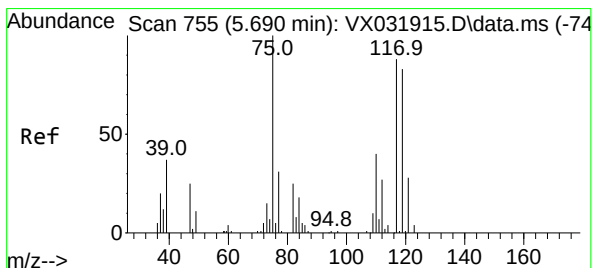
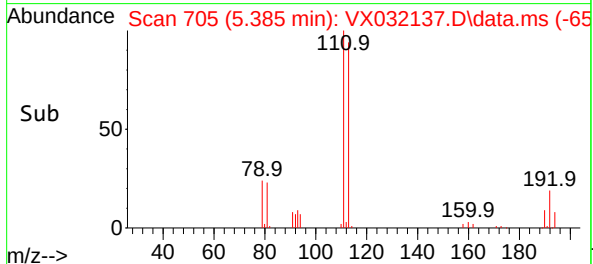
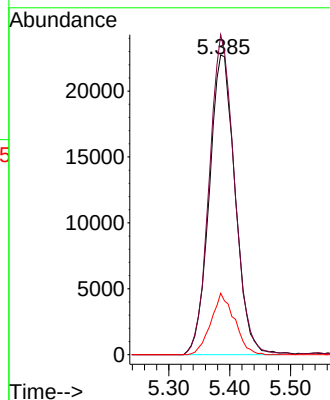
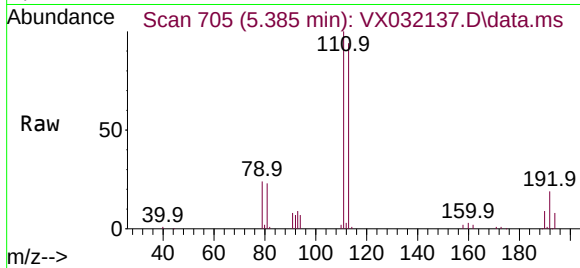




#35
Dibromofluoromethane
Concen: 47.808 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

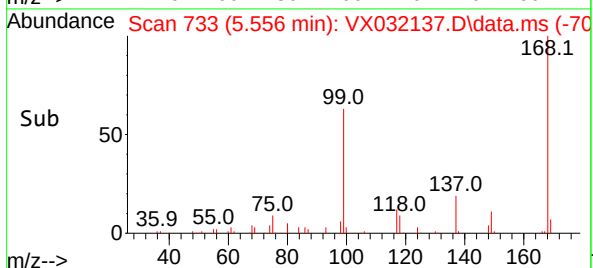
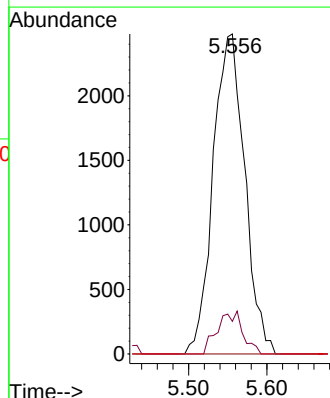
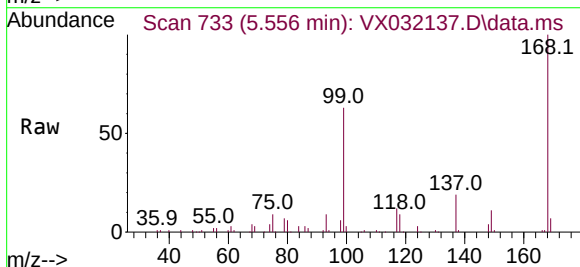
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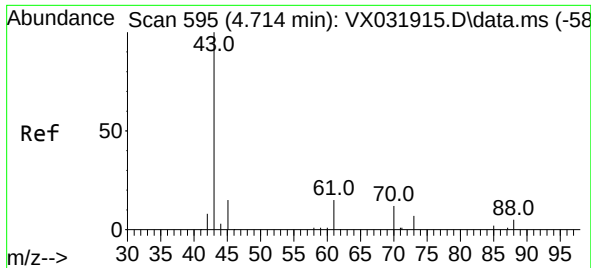
Tgt Ion:113 Resp: 67191
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.723 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 75 Resp: 6939
Ion Ratio Lower Upper
75 100
110 10.7 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.433 ug/l

RT: 4.587 min Scan# 51

Delta R.T. -0.127 min

Lab File: VX032137.D

Acq: 14 Oct 2022 16:16

Instrument :

MSVOA_X

ClientSampleId :

MW-9-101322

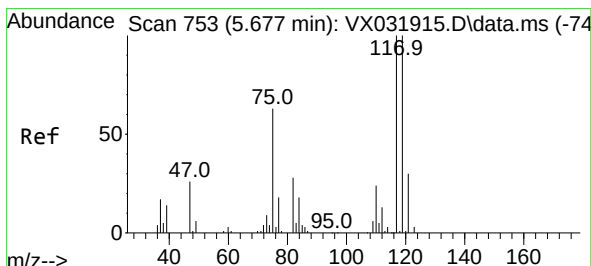
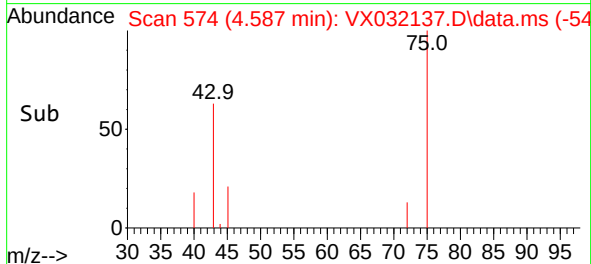
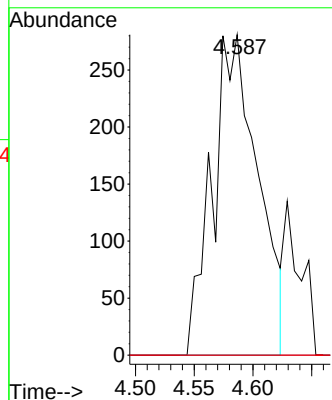
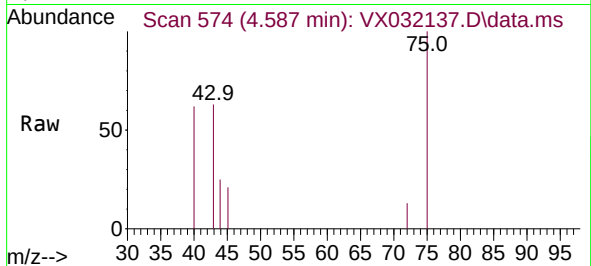
Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.862 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX032137.D

Acq: 14 Oct 2022 16:16

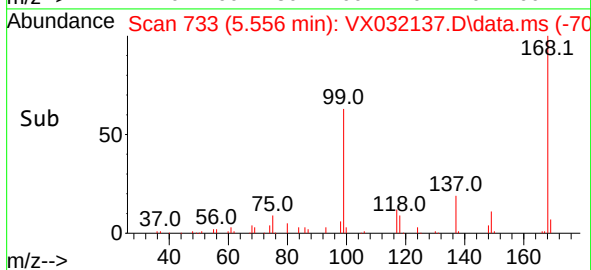
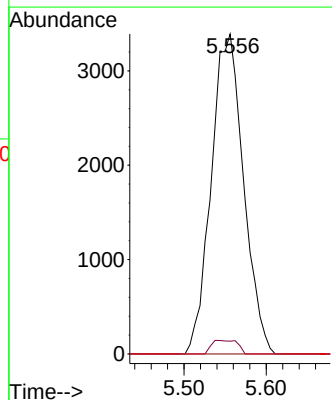
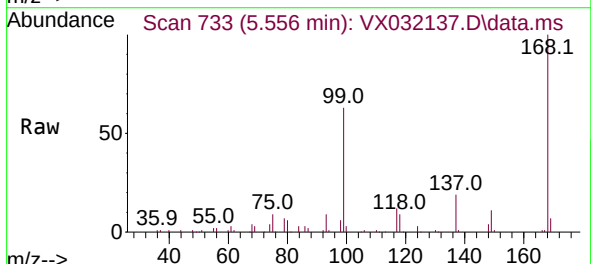
Tgt Ion: 117 Resp: 9264

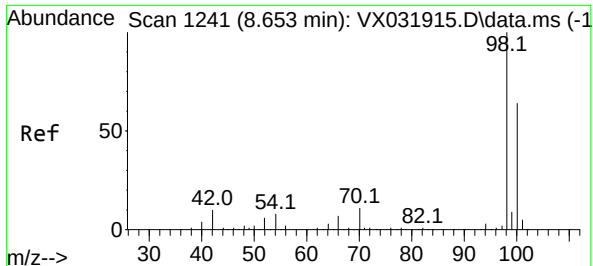
Ion Ratio Lower Upper

117 100

119 4.0 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.092 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX032137.D

Acq: 14 Oct 2022 16:16

Instrument :

MSVOA_X

ClientSampleId :

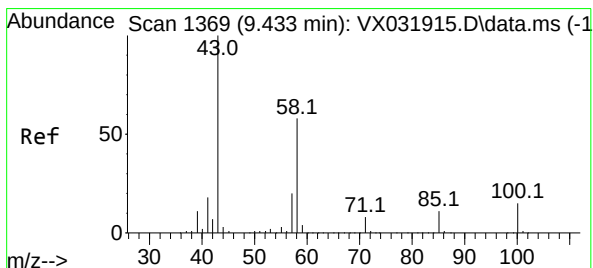
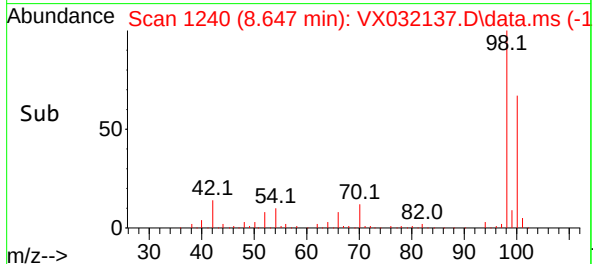
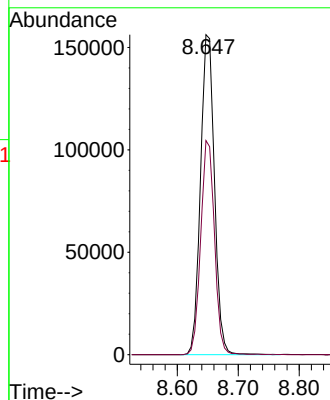
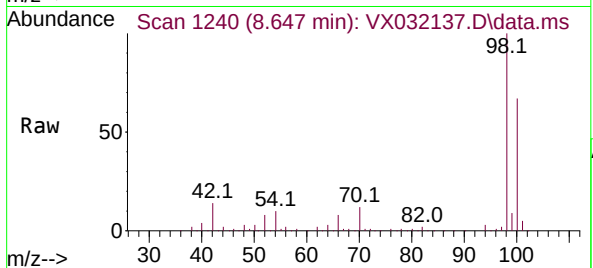
MW-9-101322

Tgt Ion: 98 Resp: 248269

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#59

2-Hexanone

Concen: 0.457 ug/l

RT: 9.250 min Scan# 1339

Delta R.T. -0.183 min

Lab File: VX032137.D

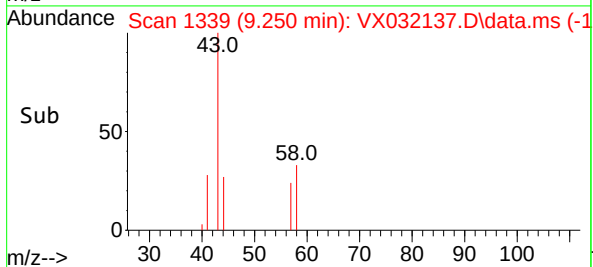
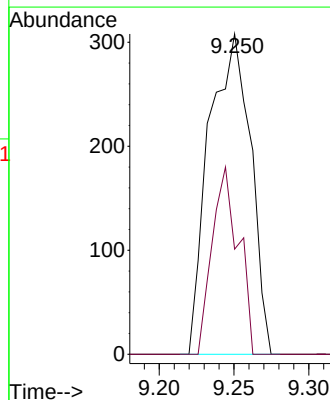
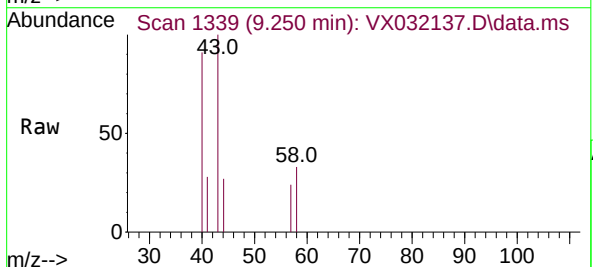
Acq: 14 Oct 2022 16:16

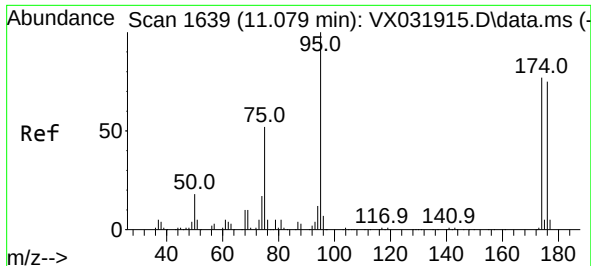
Tgt Ion: 43 Resp: 594

Ion Ratio Lower Upper

43 100

58 37.2 26.7 80.0

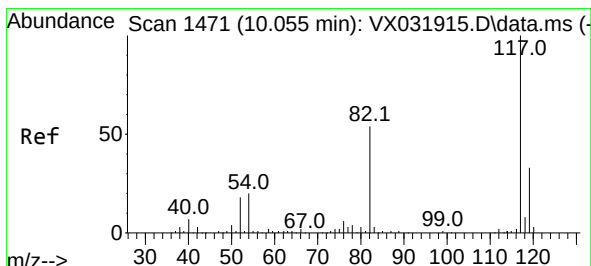
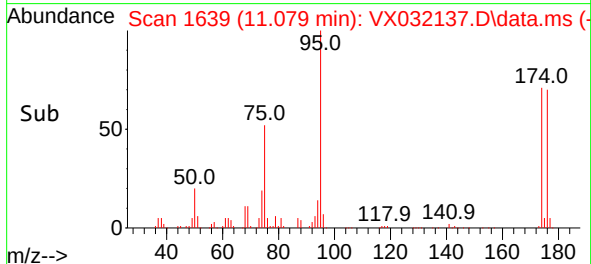
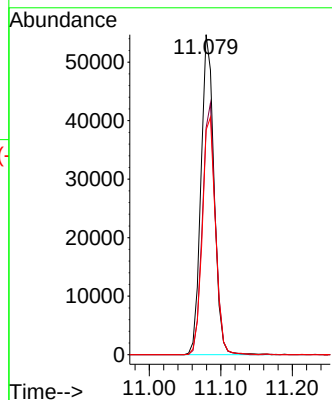
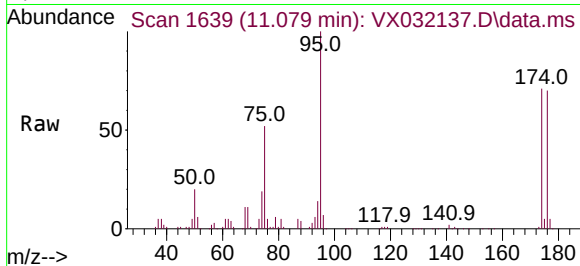




#62
4-Bromofluorobenzene
Concen: 38.737 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

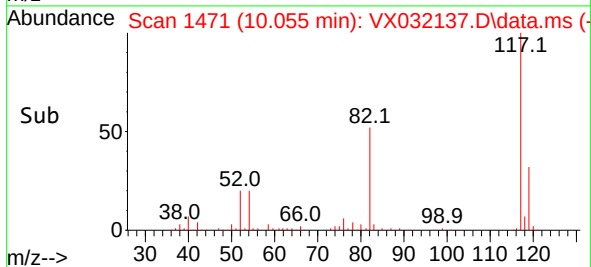
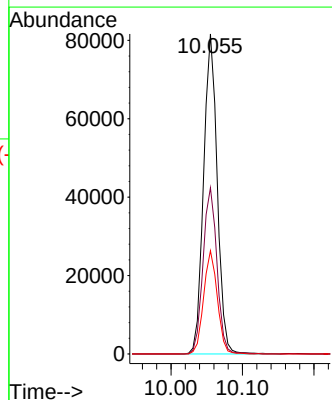
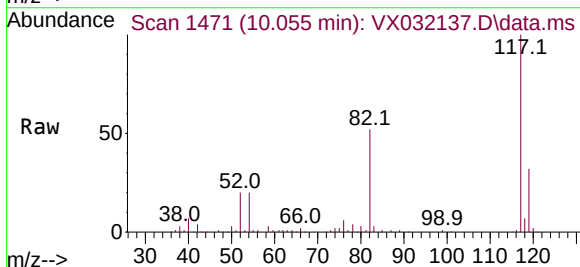
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322

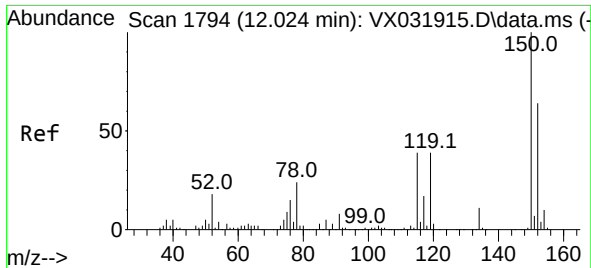
Tgt Ion: 95 Resp: 69256
Ion Ratio Lower Upper
95 100
174 77.8 0.0 153.2
176 75.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 117 Resp: 108361
Ion Ratio Lower Upper
117 100
82 52.0 46.8 70.2
119 32.3 26.4 39.6

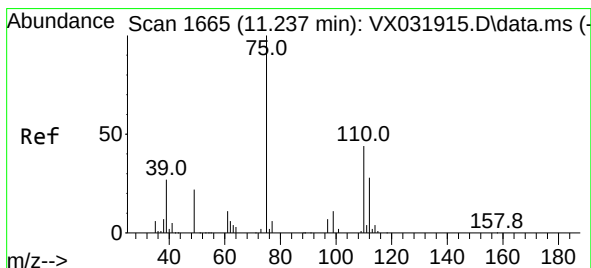
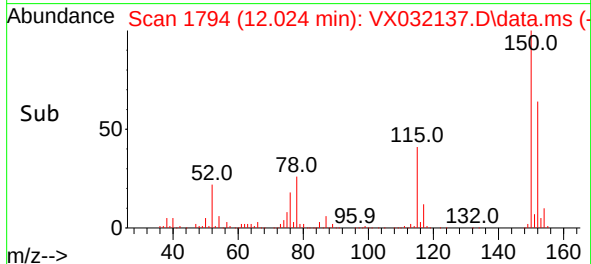
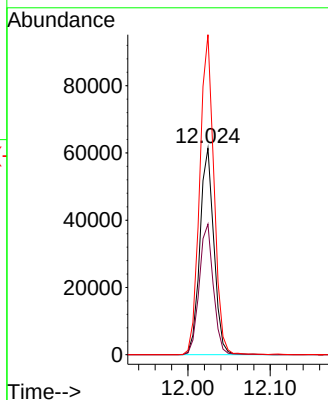
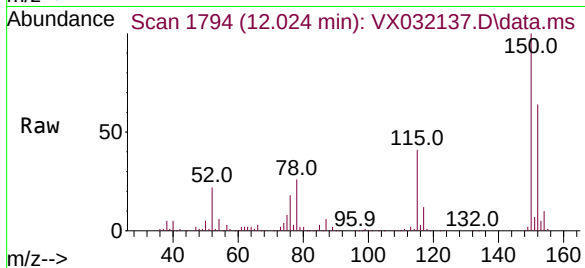




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032137.D
 Acq: 14 Oct 2022 16:16

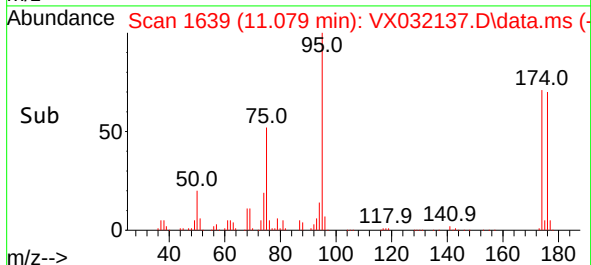
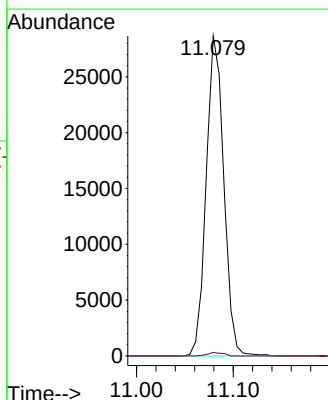
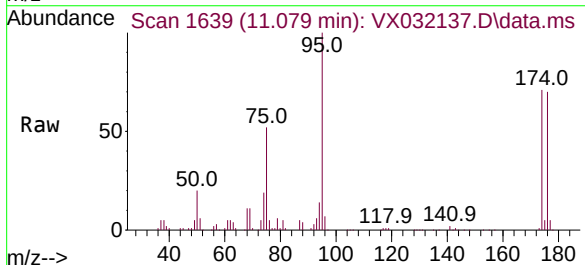
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9-101322

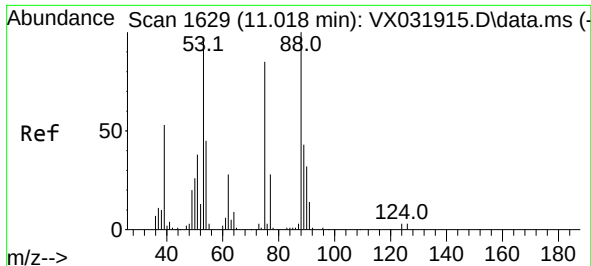
Tgt Ion:152 Resp: 72543
 Ion Ratio Lower Upper
 152 100
 115 63.9 43.4 130.1
 150 157.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 24.408 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032137.D
 Acq: 14 Oct 2022 16:16

Tgt Ion: 75 Resp: 36289
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#

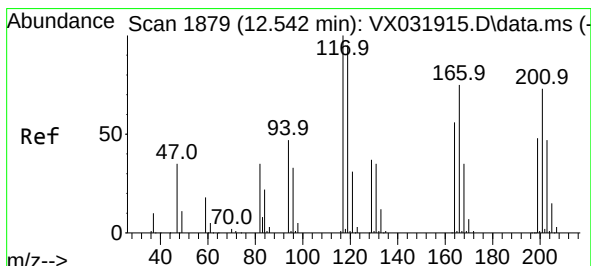
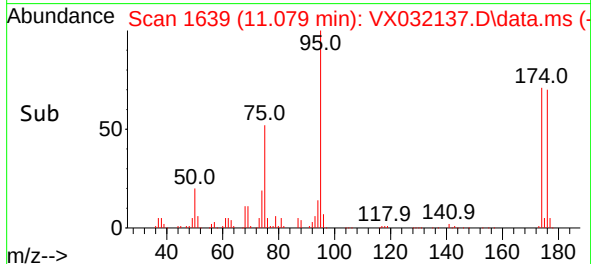
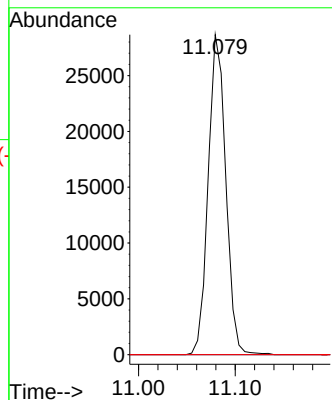
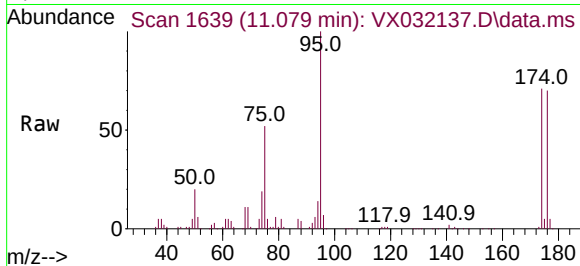




#81
trans-1,4-Dichloro-2-butene
Concen: 83.980 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322

Tgt Ion: 75 Resp: 36289
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#90
Hexachloroethane
Concen: 1.351 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX032137.D
Acq: 14 Oct 2022 16:16

Tgt Ion: 117 Resp: 33
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#

