

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032136.D
 Acq On : 14 Oct 2022 15:53
 Operator : JC/MD
 Sample : N5145-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-101322

Quant Time: Oct 17 02:25:57 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)

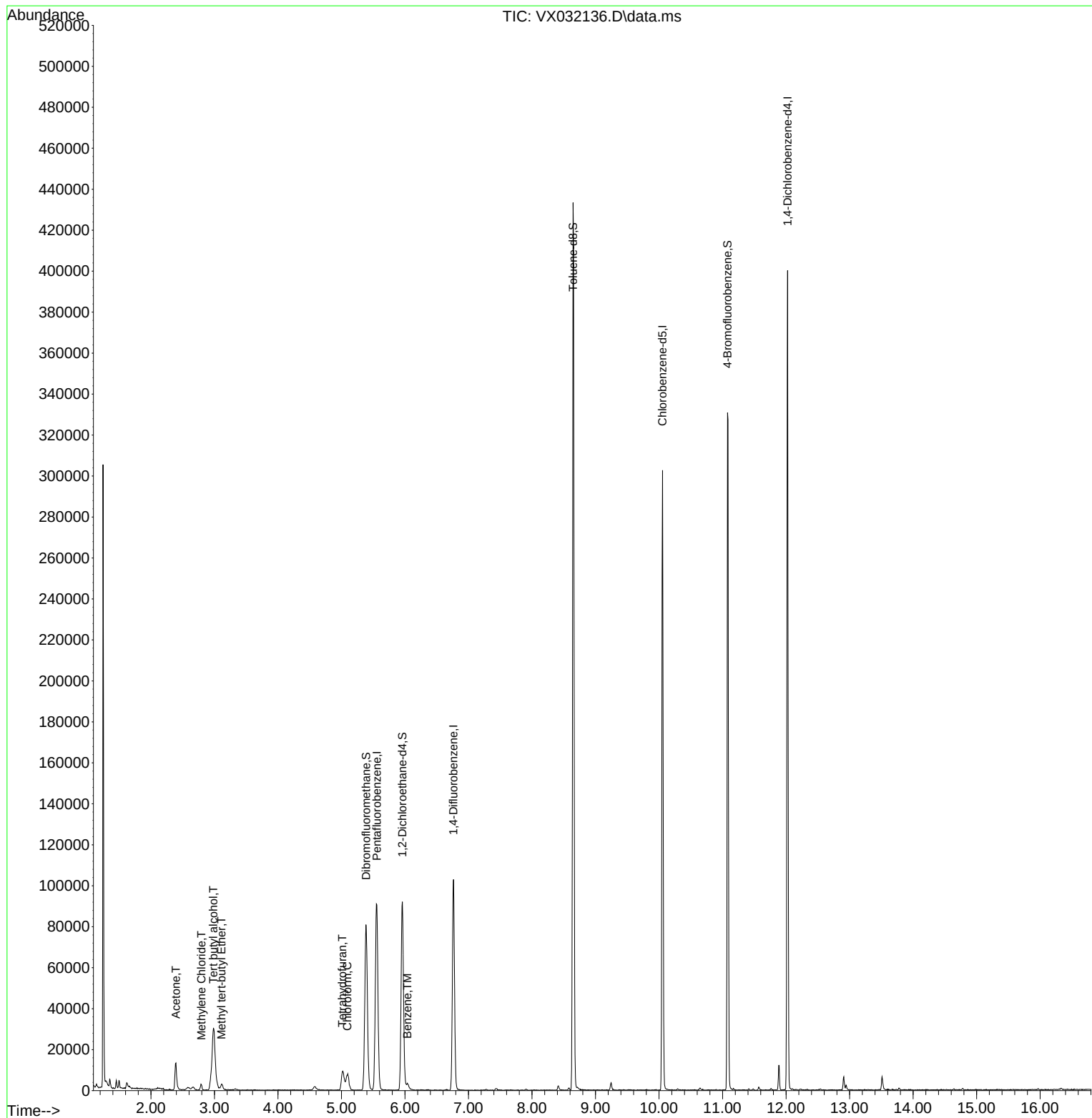
Internal Standards						
1) Pentafluorobenzene	5.556	168	82915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90244	52.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.400%			
35) Dibromofluoromethane	5.385	113	68956	58.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.040%			
50) Toluene-d8	8.647	98	250384	59.055	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 118.100%#			
62) 4-Bromofluorobenzene	11.079	95	88191	58.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.680%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	48900	229.526	ug/l	98
16) Acetone	2.392	43	15035	25.835	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	2534	0.598	ug/l	99
20) Methylene Chloride	2.794	84	1230	0.804	ug/l	88
29) Tetrahydrofuran	5.013	42	9270	15.792	ug/l	99
30) Chloroform	5.092	83	9201	3.411	ug/l	94
40) Benzene	6.037	78	3662	0.800	ug/l	93

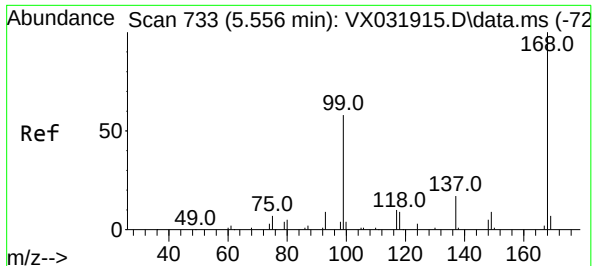
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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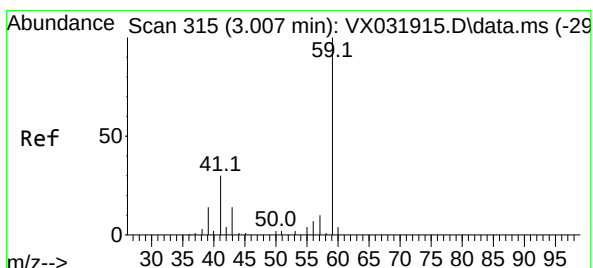
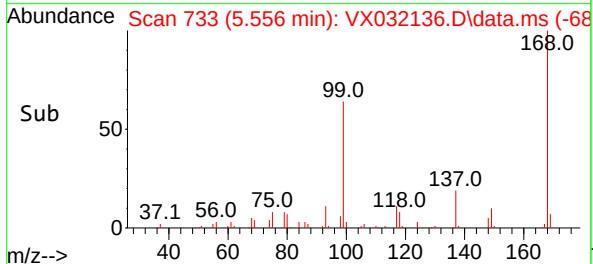
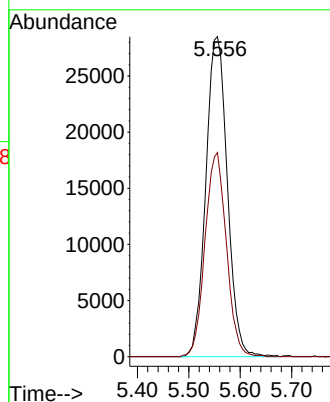
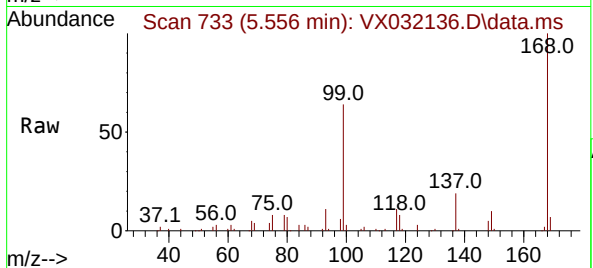




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

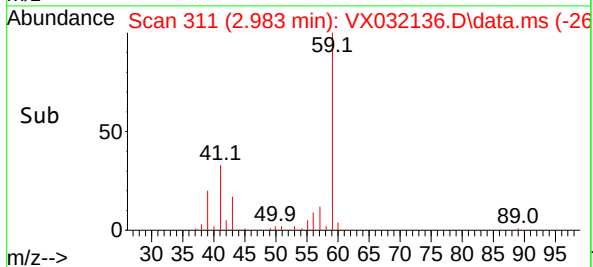
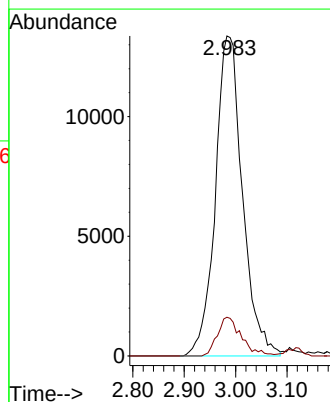
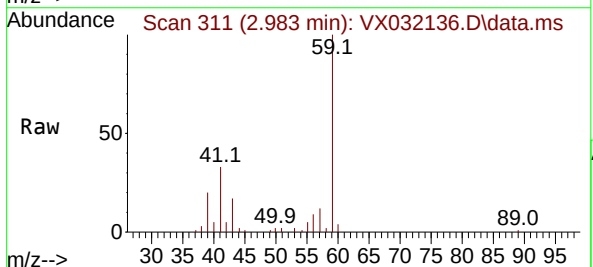
Instrument :
MSVOA_X
ClientSampleId :
MW-8-101322

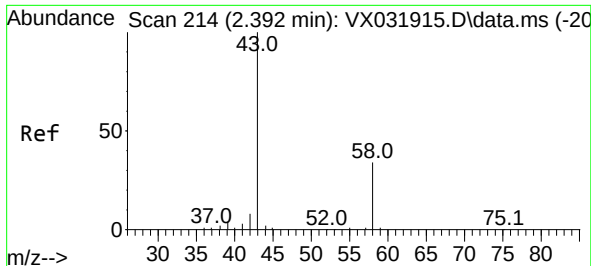
Tgt Ion:168 Resp: 82915
Ion Ratio Lower Upper
168 100
99 63.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 229.526 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

Tgt Ion: 59 Resp: 48900
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

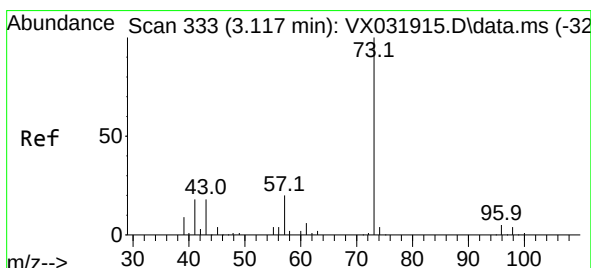
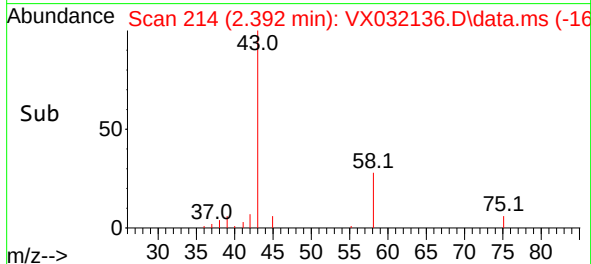
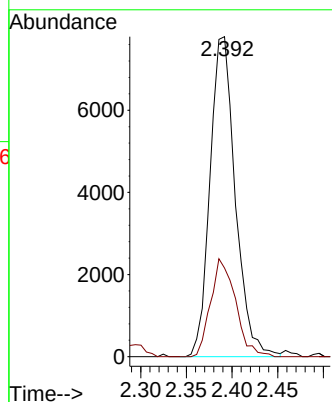
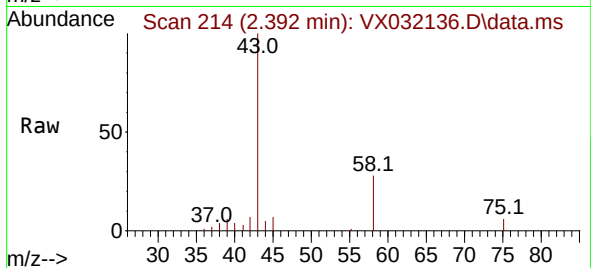




#16
Acetone
Concen: 25.835 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

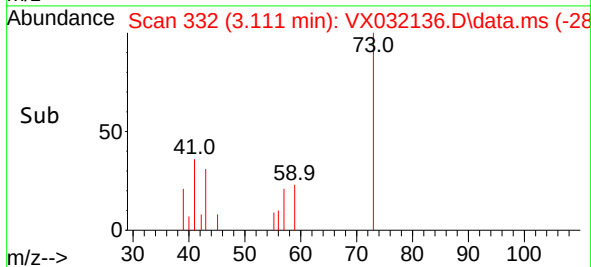
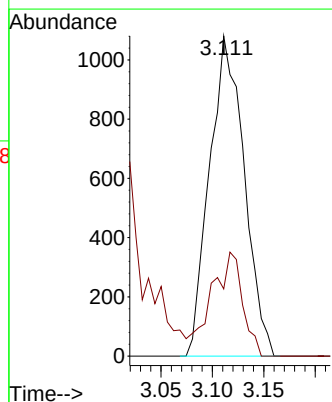
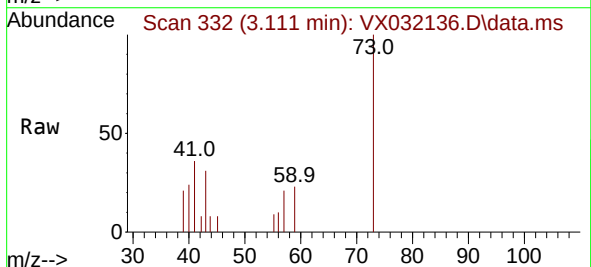
Instrument :
MSVOA_X
ClientSampleId :
MW-8-101322

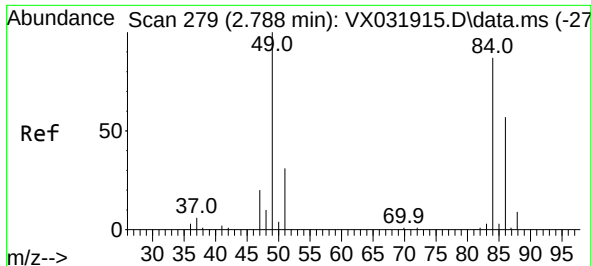
Tgt Ion: 43 Resp: 15035
Ion Ratio Lower Upper
43 100
58 27.7 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 0.598 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

Tgt Ion: 73 Resp: 2534
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8





#20

Methylene Chloride

Concen: 0.804 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032136.D

Acq: 14 Oct 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

MW-8-101322

Tgt Ion: 84 Resp: 1230

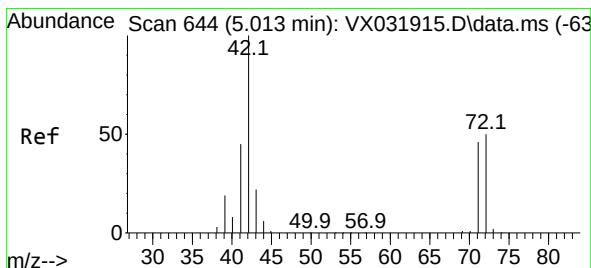
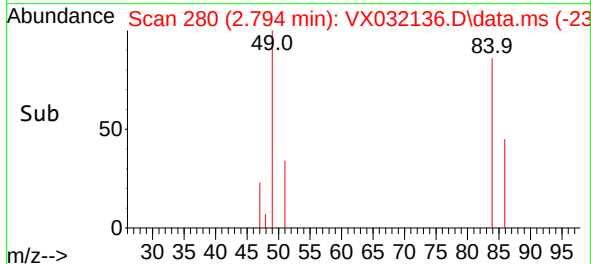
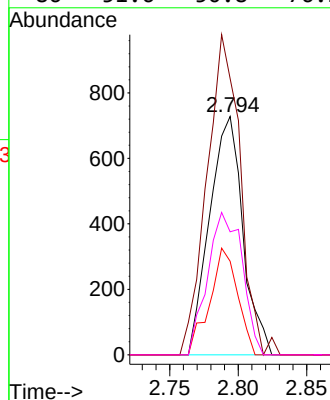
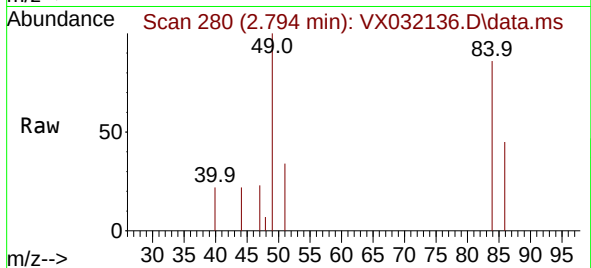
Ion Ratio Lower Upper

84 100

49 115.9 105.9 158.9

51 39.3 32.2 48.2

86 51.6 50.8 76.2



#29

Tetrahydrofuran

Concen: 15.792 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX032136.D

Acq: 14 Oct 2022 15:53

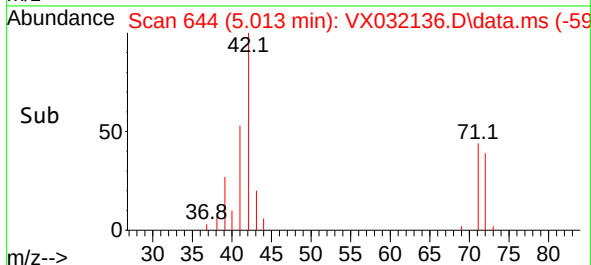
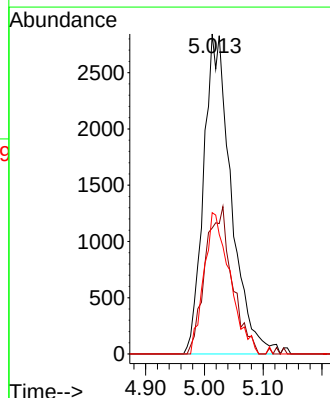
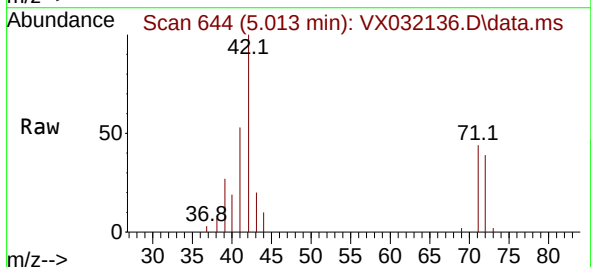
Tgt Ion: 42 Resp: 9270

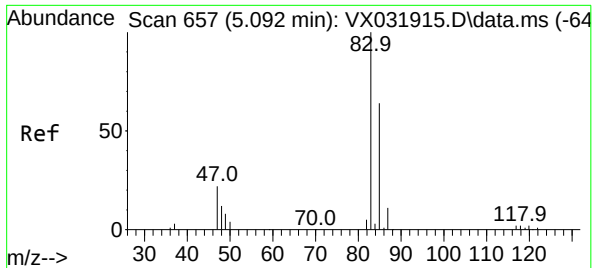
Ion Ratio Lower Upper

42 100

72 44.9 36.4 54.6

71 41.6 33.5 50.3





#30

Chloroform

Concen: 3.411 ug/l

RT: 5.092 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX032136.D

Acq: 14 Oct 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

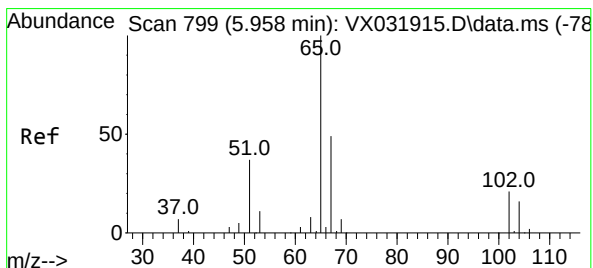
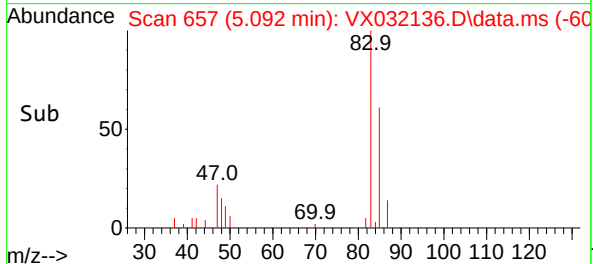
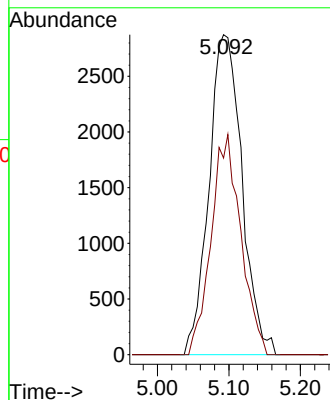
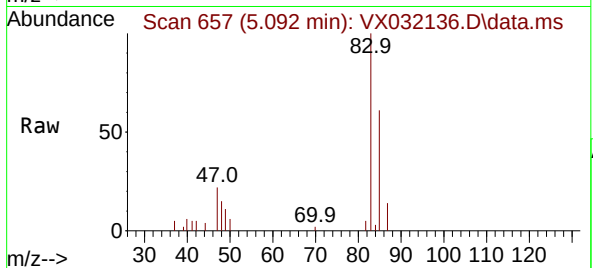
MW-8-101322

Tgt Ion: 83 Resp: 9201

Ion Ratio Lower Upper

83 100

85 61.4 52.8 79.2



#33

1,2-Dichloroethane-d4

Concen: 52.701 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032136.D

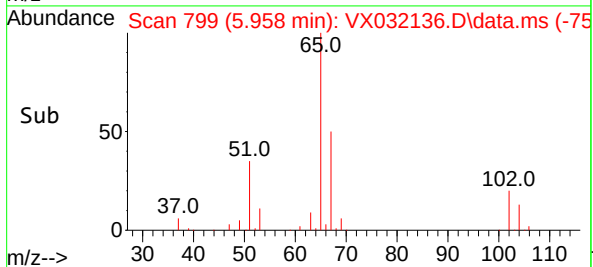
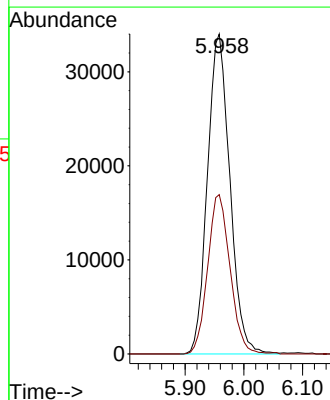
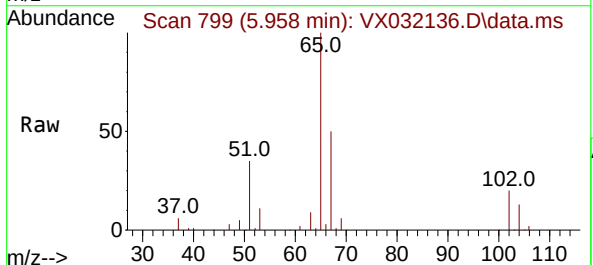
Acq: 14 Oct 2022 15:53

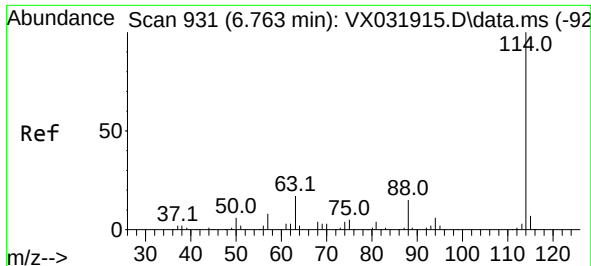
Tgt Ion: 65 Resp: 90244

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.4

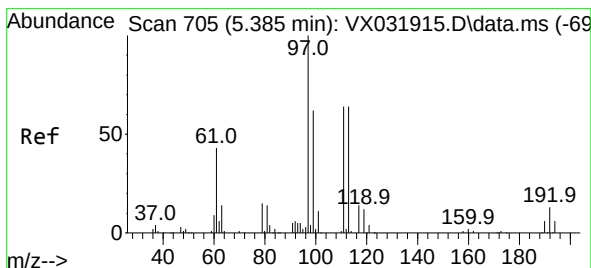
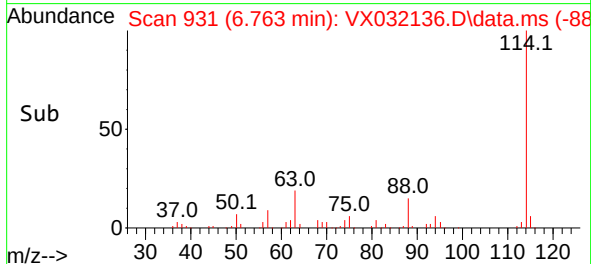
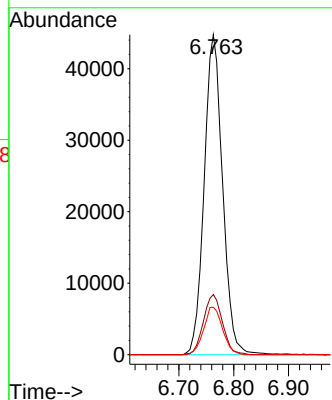
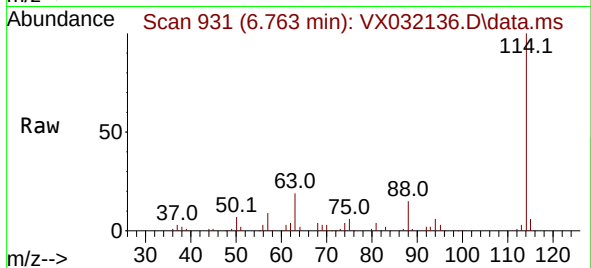




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

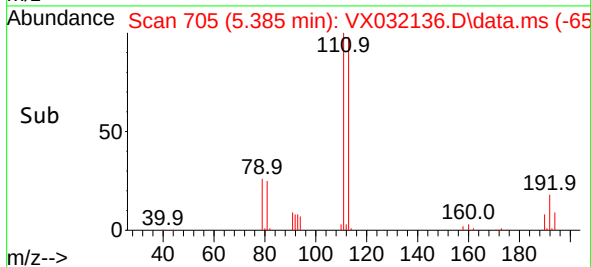
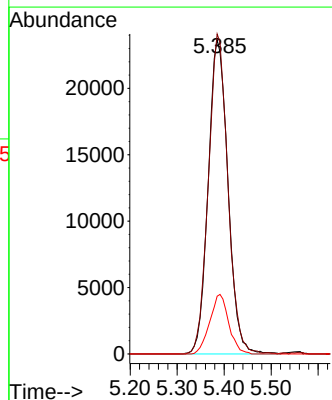
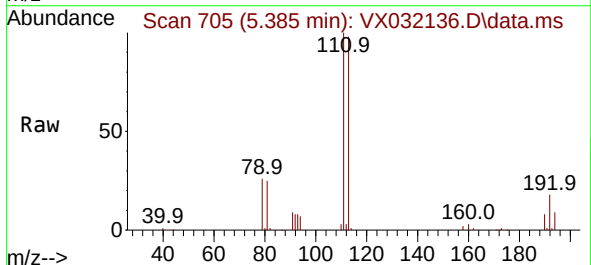
Instrument :
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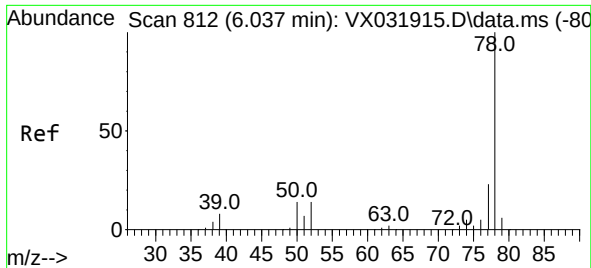
Tgt Ion:114 Resp: 104094
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 58.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

Tgt Ion:113 Resp: 68956
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 18.2 14.1 21.1

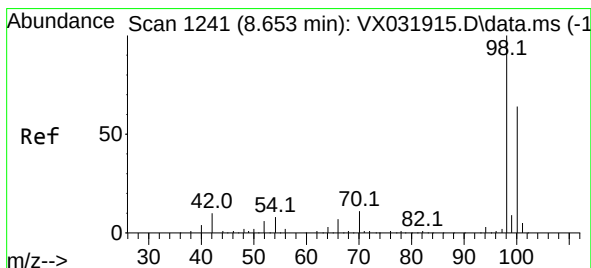
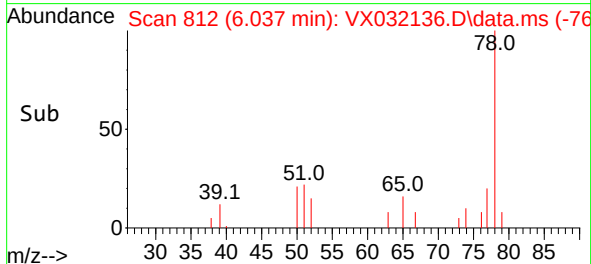
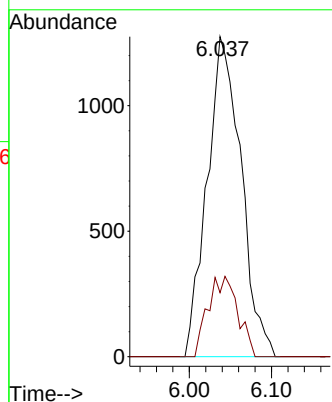
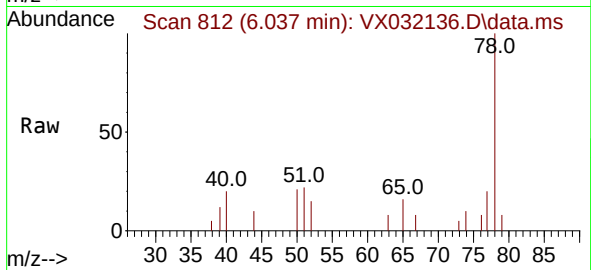




#40
Benzene
Concen: 0.800 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

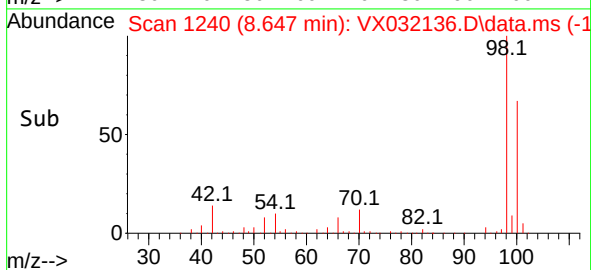
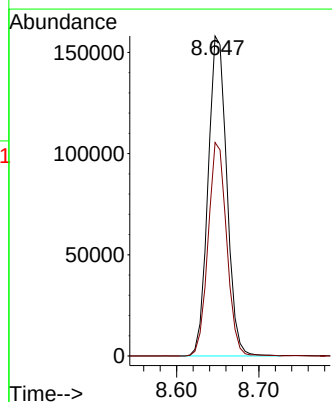
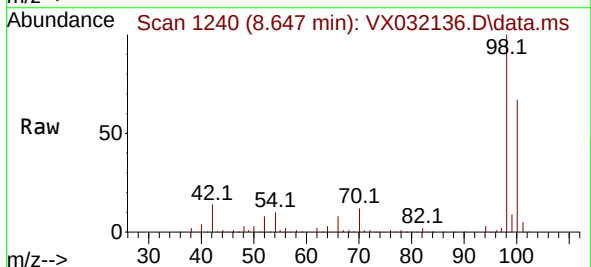
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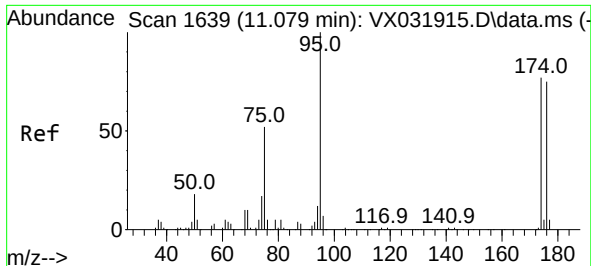
Tgt Ion: 78 Resp: 3662
Ion Ratio Lower Upper
78 100
77 20.0 18.7 28.1



#50
Toluene-d8
Concen: 59.055 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032136.D
Acq: 14 Oct 2022 15:53

Tgt Ion: 98 Resp: 250384
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 58.837 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032136.D

Acq: 14 Oct 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

MW-8-101322

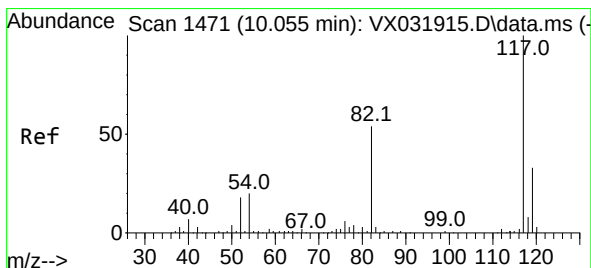
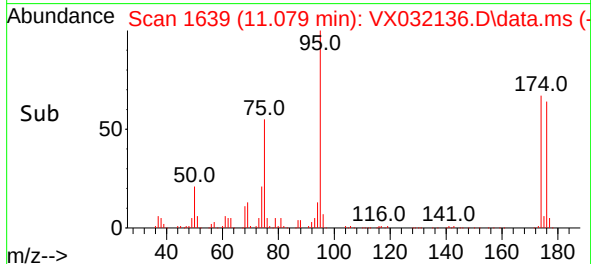
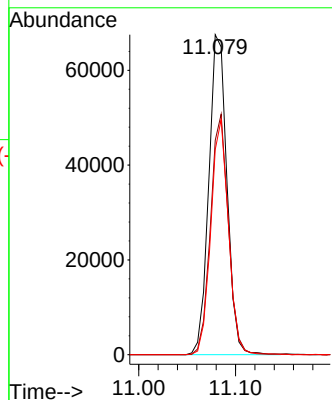
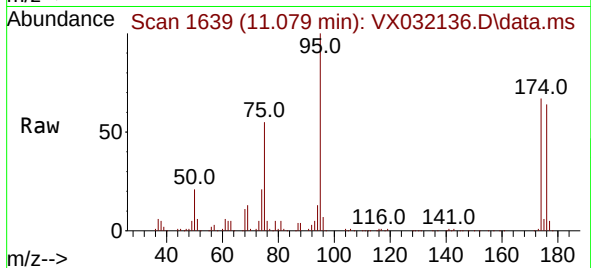
Tgt Ion: 95 Resp: 88191

Ion Ratio Lower Upper

95 100

174 74.0 0.0 153.2

176 71.2 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: VX032136.D

Acq: 14 Oct 2022 15:53

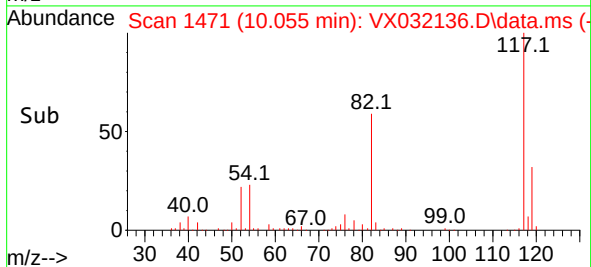
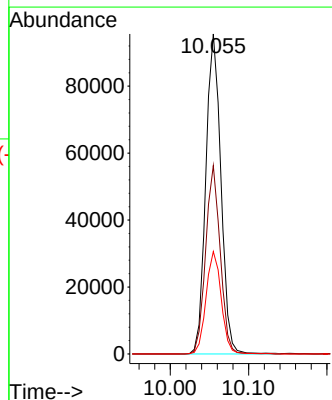
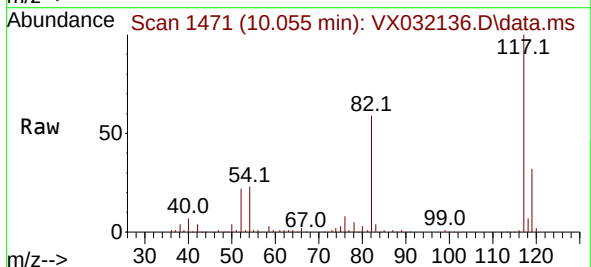
Tgt Ion: 117 Resp: 127677

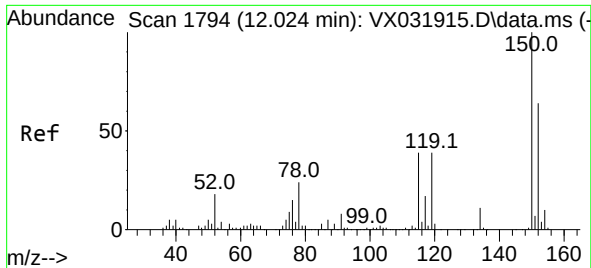
Ion Ratio Lower Upper

117 100

82 58.8 46.8 70.2

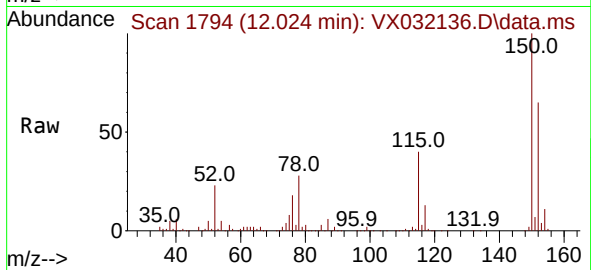
119 32.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032136.D
 Acq: 14 Oct 2022 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-101322



Tgt Ion:152 Resp: 76879
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.4 130.1
 150 156.9 0.0 346.8

