

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031936.D
 Acq On : 06 Oct 2022 22:24
 Operator : JC/MD
 Sample : N4882-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-129

Quant Time: Oct 07 08:09:25 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)

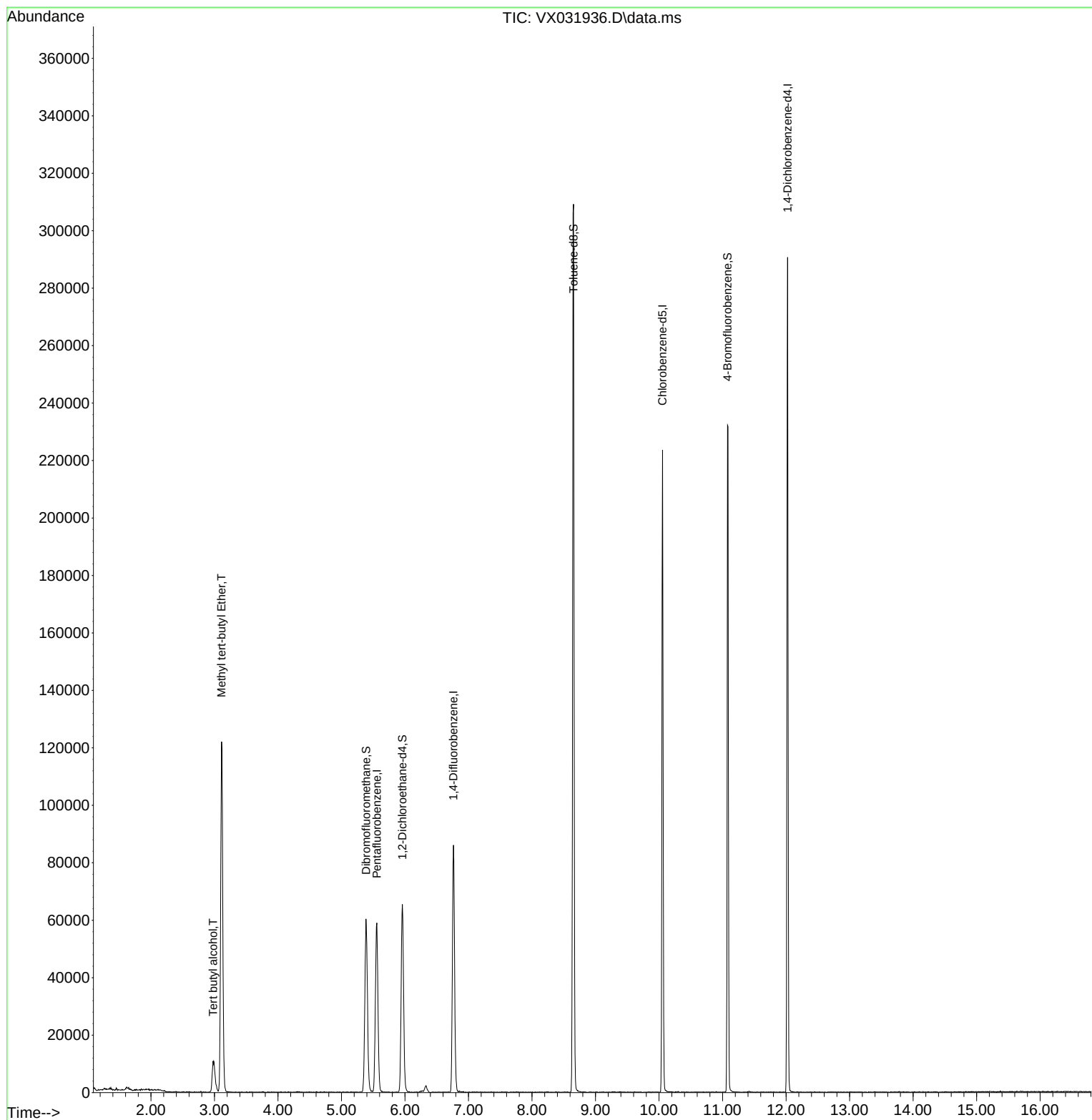
Internal Standards						
1) Pentafluorobenzene	5.556	168	54834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	90207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61790	54.564	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	5.385	113	50949	49.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	8.653	98	184848	50.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	62420	48.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.100%			
Target Compounds						
11) Tert butyl alcohol	2.977	59	15722	111.587	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	134963	48.153	ug/l	97

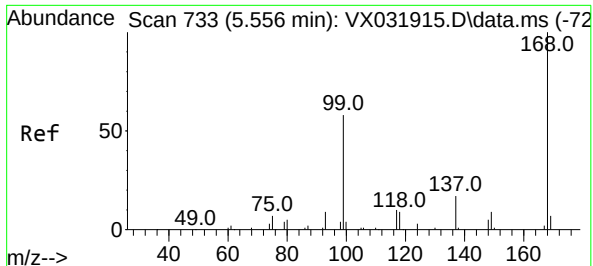
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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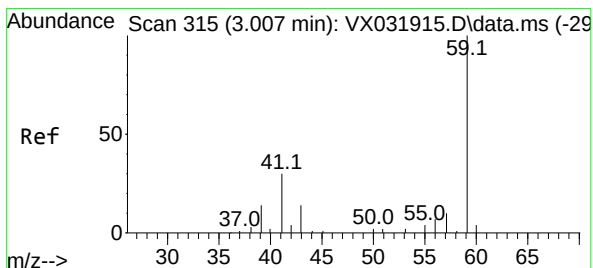
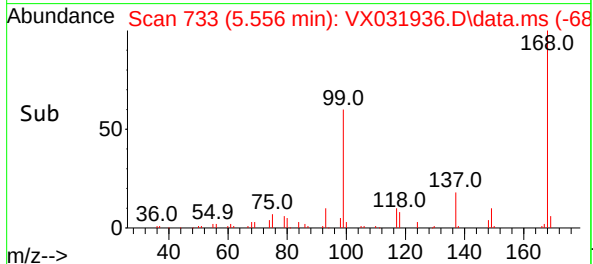
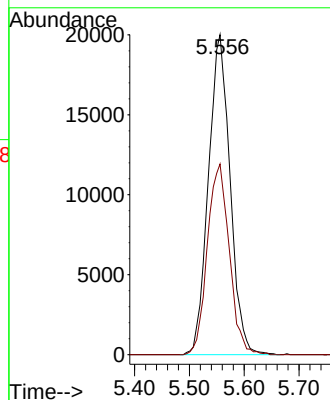
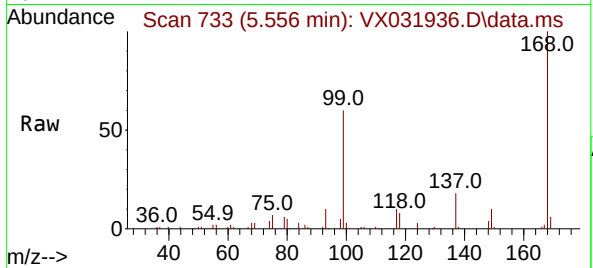




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

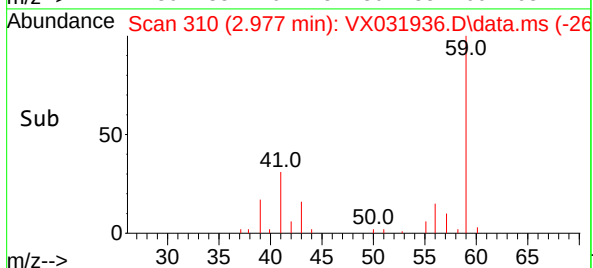
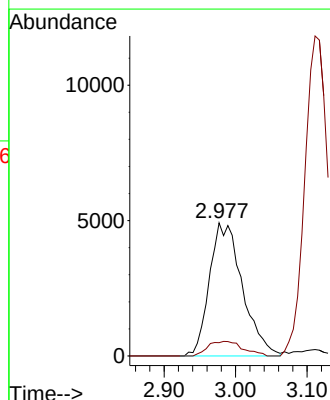
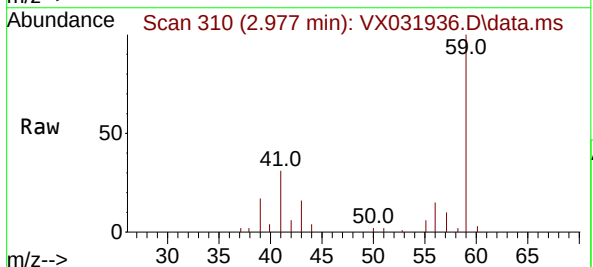
Instrument :
MSVOA_X
ClientSampleId :
MW-129

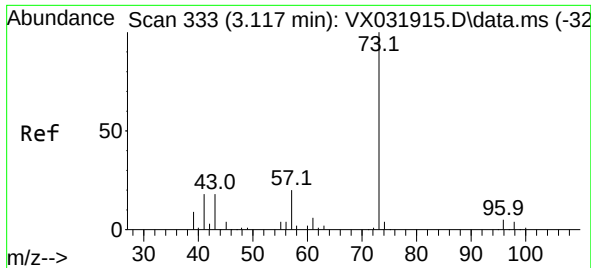
Tgt Ion:168 Resp: 54834
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 111.587 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 59 Resp: 15722
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2

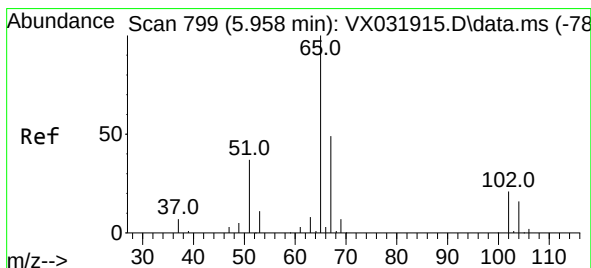
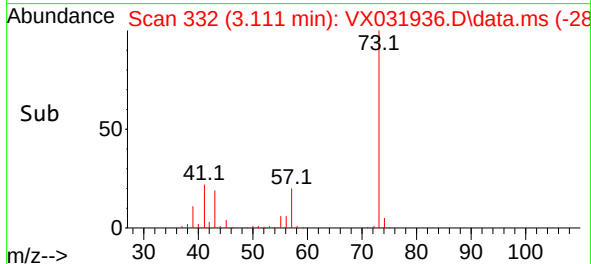
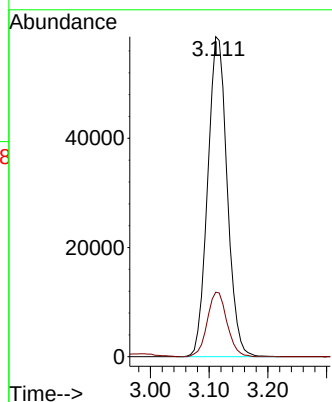
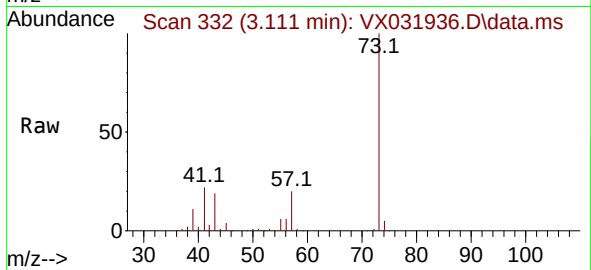




#19
Methyl tert-butyl Ether
Concen: 48.153 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

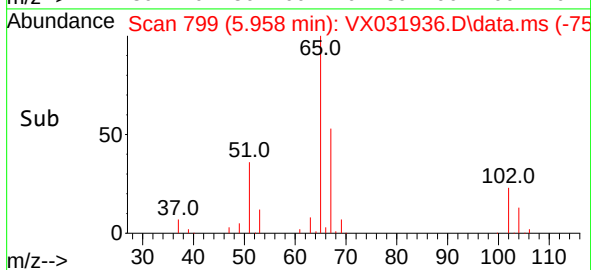
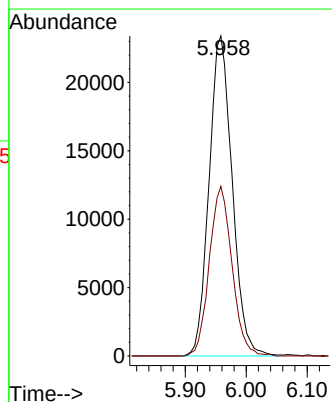
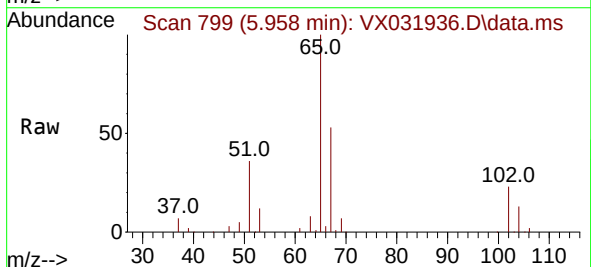
Instrument :
MSVOA_X
ClientSampleId :
MW-129

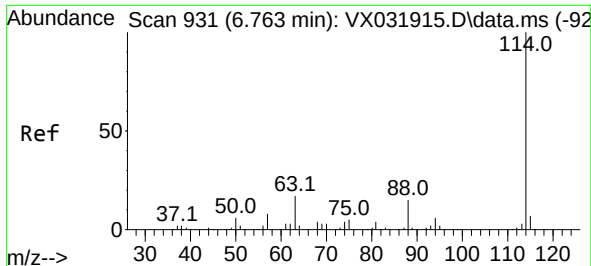
Tgt Ion: 73 Resp: 134963
Ion Ratio Lower Upper
73 100
57 20.2 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: 54.564 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion: 65 Resp: 61790
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

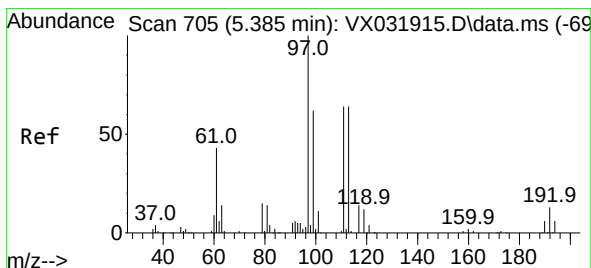
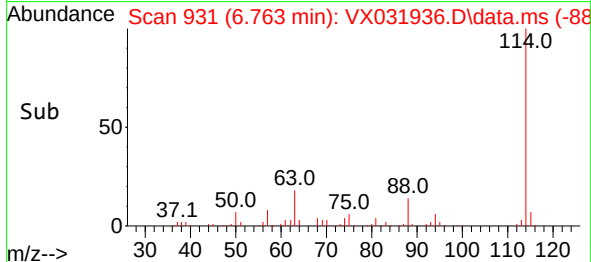
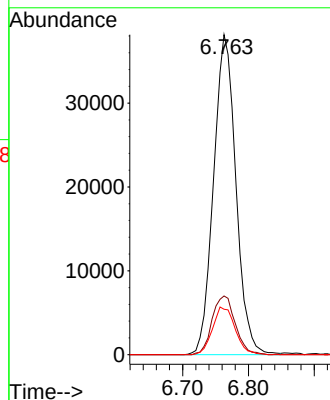
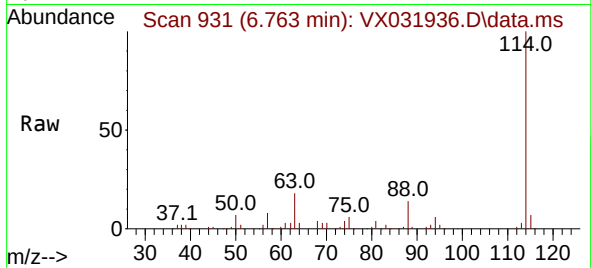




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

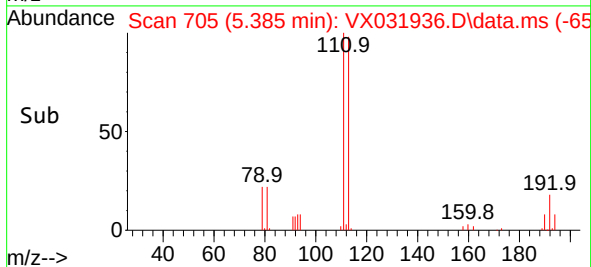
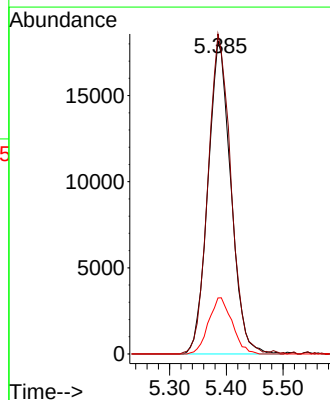
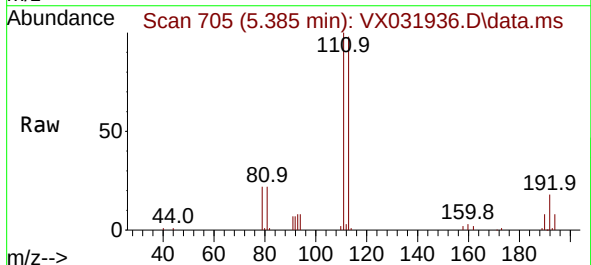
Instrument :
MSVOA_X
ClientSampleId :
MW-129

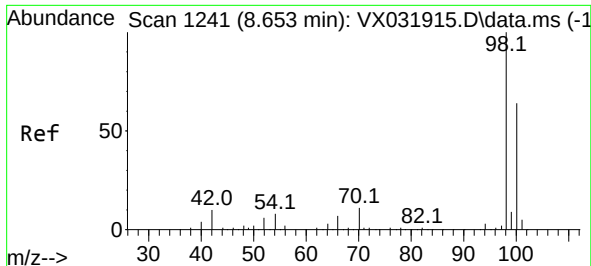
Tgt Ion:114 Resp: 90207
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 14.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion:113 Resp: 50949
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.5 14.1 21.1





#50

Toluene-d8

Concen: 50.309 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031936.D

Acq: 06 Oct 2022 22:24

Instrument :

MSVOA_X

ClientSampleId :

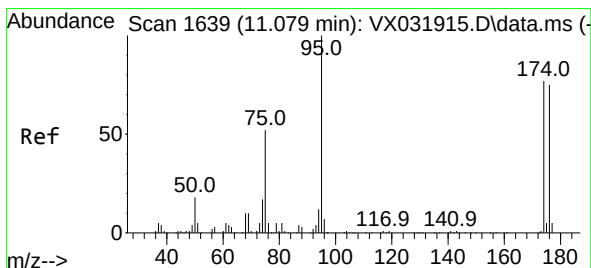
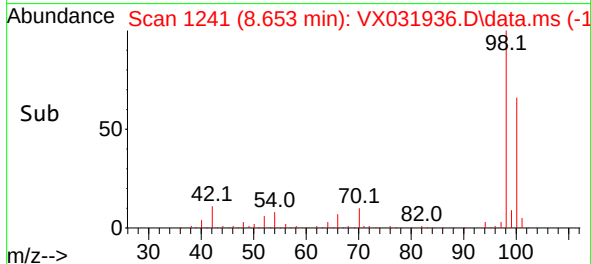
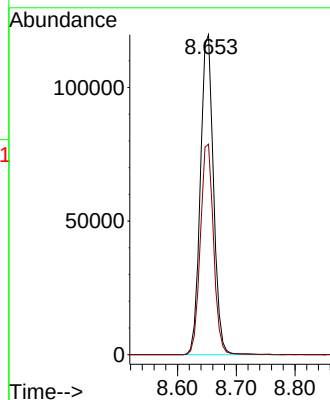
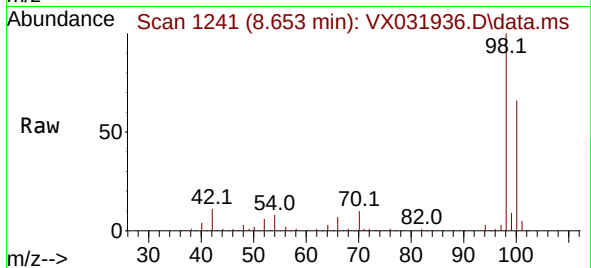
MW-129

Tgt Ion: 98 Resp: 184848

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 48.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031936.D

Acq: 06 Oct 2022 22:24

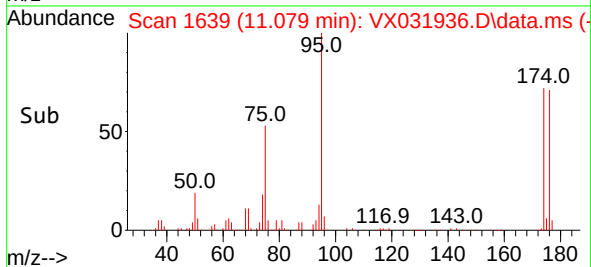
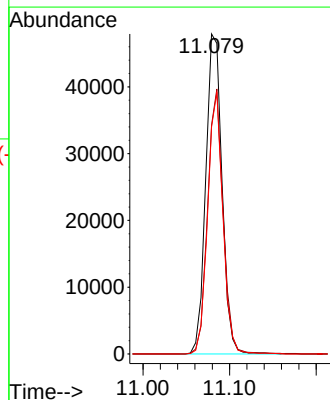
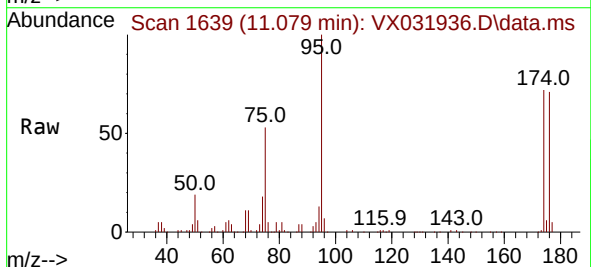
Tgt Ion: 95 Resp: 62420

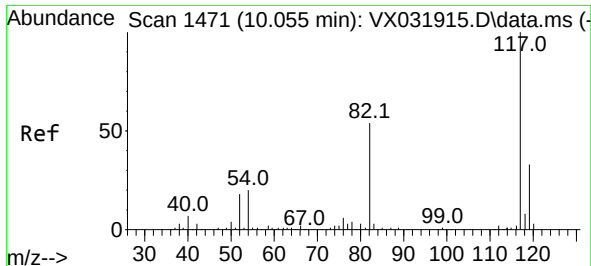
Ion Ratio Lower Upper

95 100

174 78.3 0.0 153.2

176 76.5 0.0 144.0

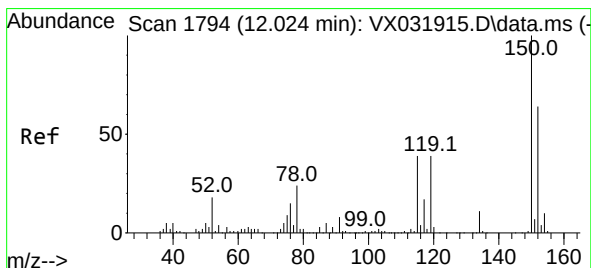
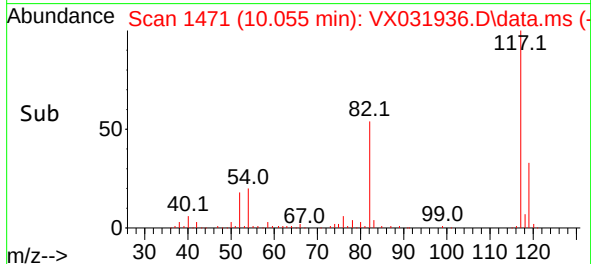
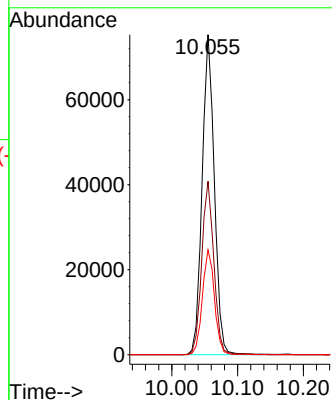
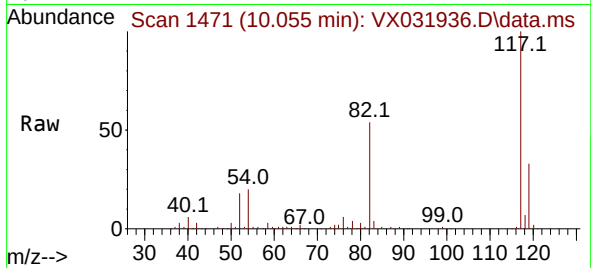




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Instrument :
MSVOA_X
ClientSampleId :
MW-129

Tgt Ion:117 Resp: 97139
Ion Ratio Lower Upper
117 100
82 54.2 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# 1794
Delta R.T. 0.000 min
Lab File: VX031936.D
Acq: 06 Oct 2022 22:24

Tgt Ion:152 Resp: 60170
Ion Ratio Lower Upper
152 100
115 58.8 43.4 130.1
150 153.0 0.0 346.8

