

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031938.D
 Acq On : 06 Oct 2022 23:11
 Operator : JC/MD
 Sample : N4883-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-134

Quant Time: Oct 07 08:09:42 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)

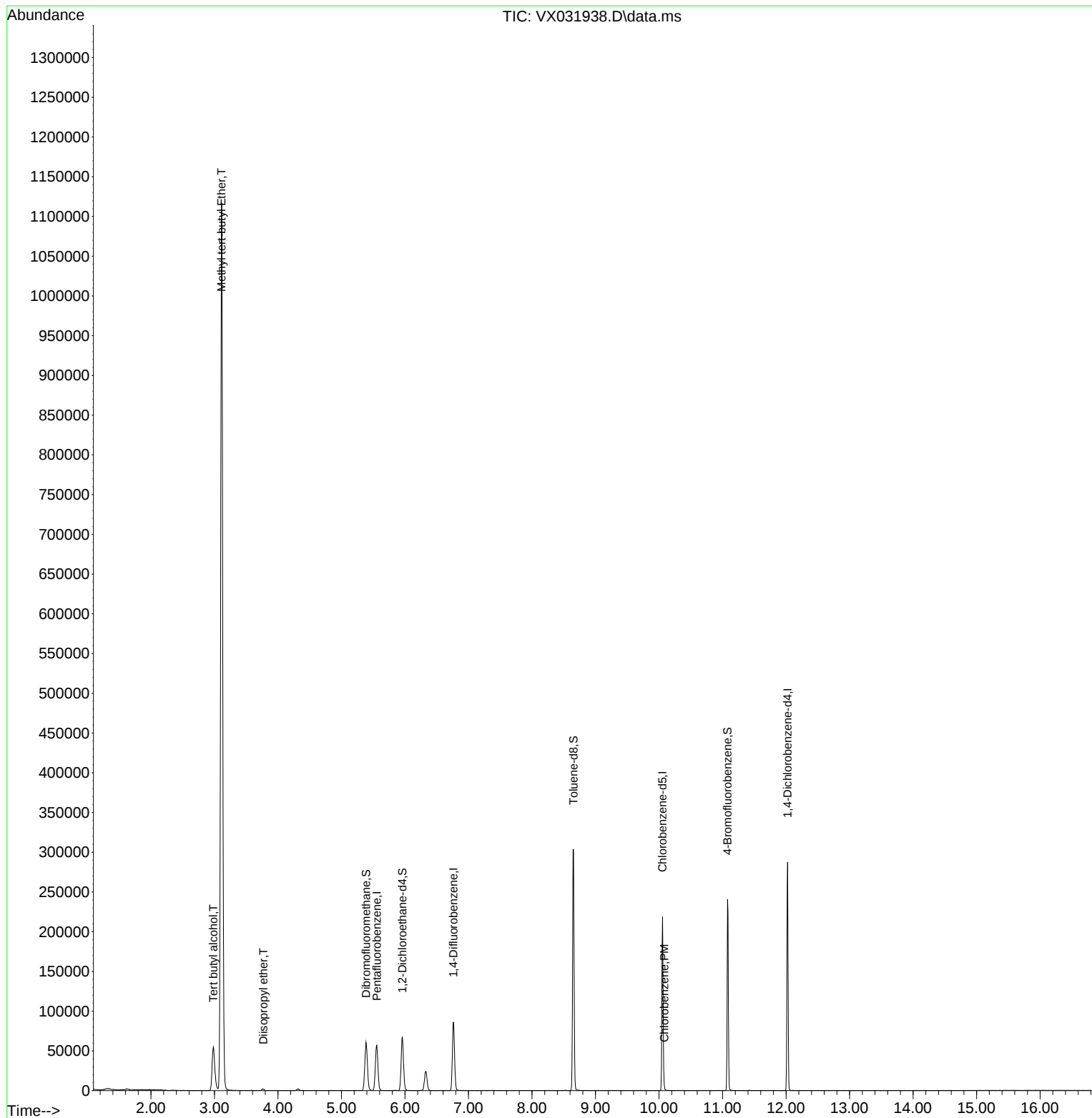
Internal Standards						
1) Pentafluorobenzene	5.556	168	54022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62657	56.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.320%
35) Dibromofluoromethane	5.385	113	51934	50.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	8.653	98	185761	50.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.079	95	63220	48.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
11) Tert butyl alcohol	2.983	59	77232	556.394	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	1239889	449.024	ug/l	98
22) Diisopropyl ether	3.769	45	1777	0.675	ug/l #	79
65) Chlorobenzene	10.085	112	1219	0.409	ug/l	89

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

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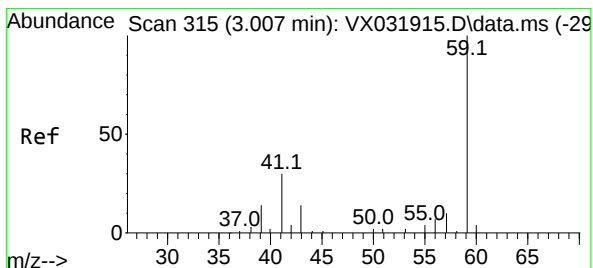
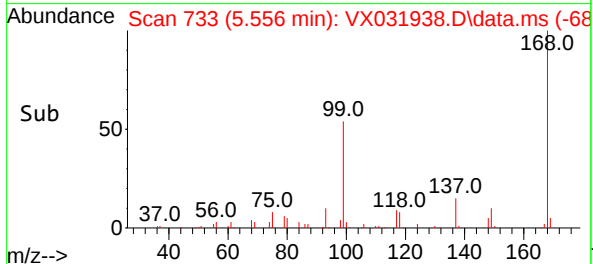
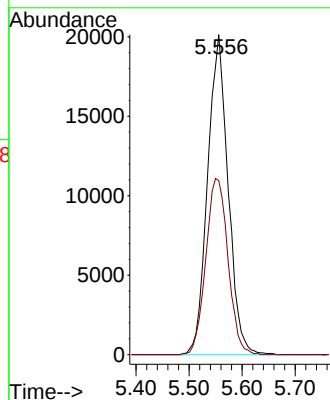
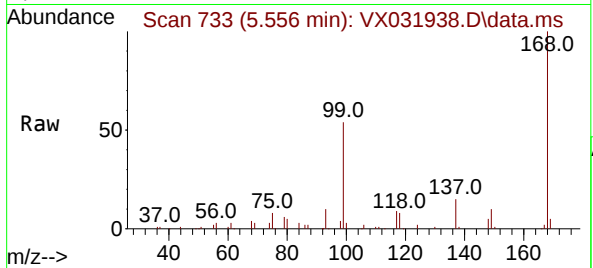




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

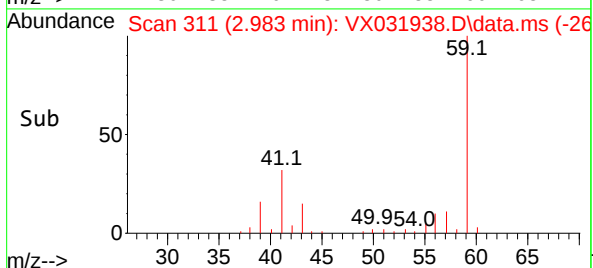
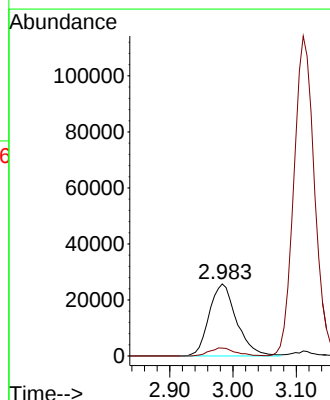
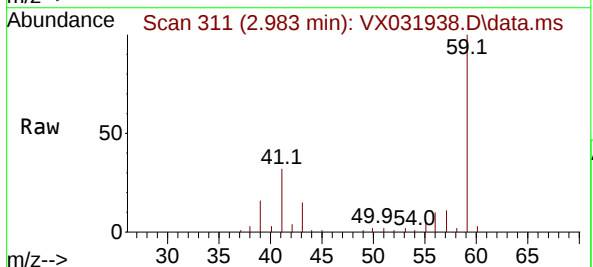
Instrument :
MSVOA_X
ClientSampleId :
MW-134

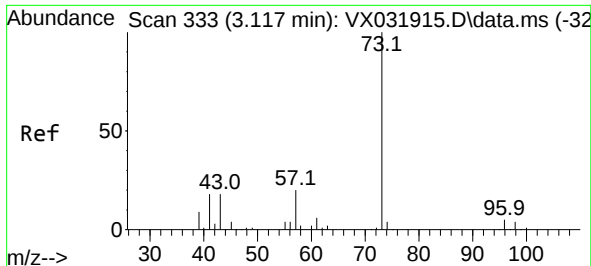
Tgt Ion:168 Resp: 54022
Ion Ratio Lower Upper
168 100
99 54.4 48.8 73.2



#11
Tert butyl alcohol
Concen: 556.394 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 59 Resp: 77232
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

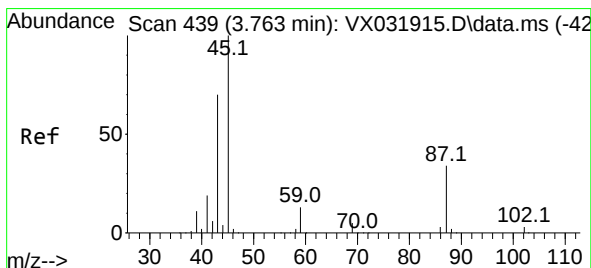
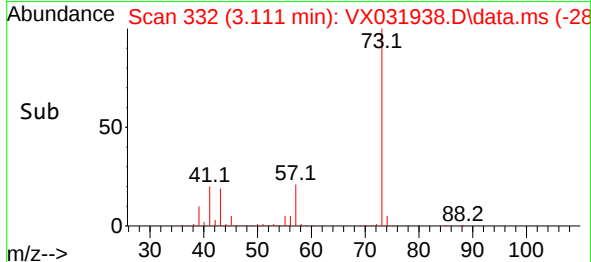
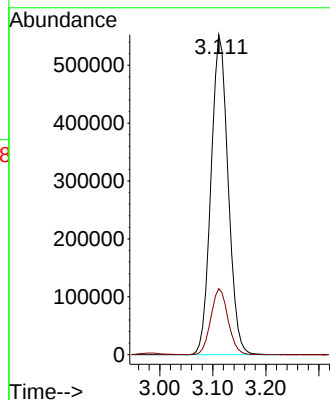
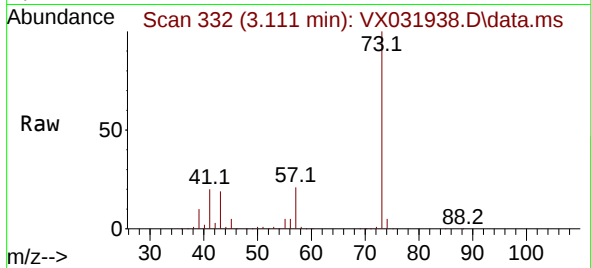




#19
Methyl tert-butyl Ether
Concen: 449.024 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

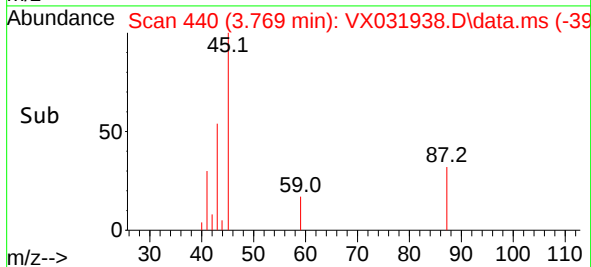
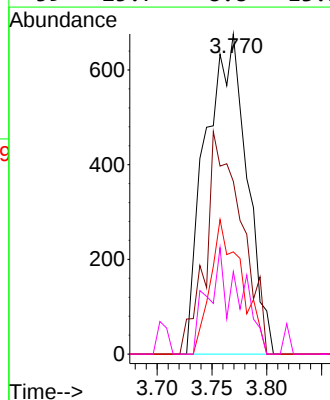
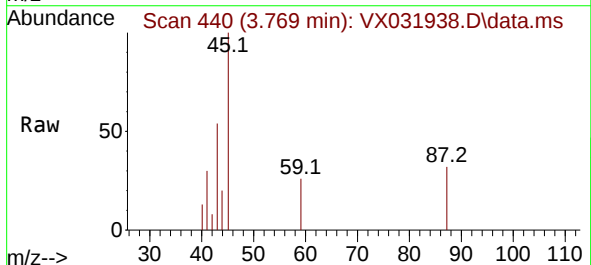
Instrument :
MSVOA_X
ClientSampleId :
MW-134

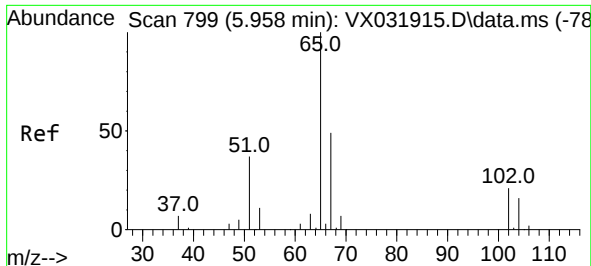
Tgt Ion: 73 Resp: 1239889
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#22
Diisopropyl ether
Concen: 0.675 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 45 Resp: 1777
Ion Ratio Lower Upper
45 100
43 54.0 59.0 88.6#
87 32.0 22.6 33.8
59 25.7 8.8 13.2#

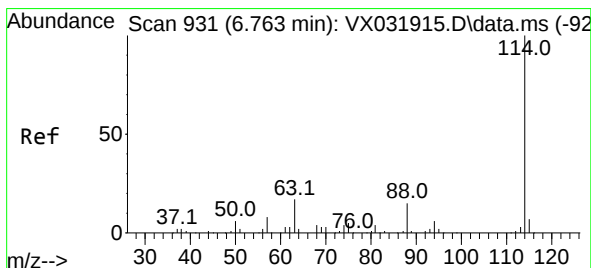
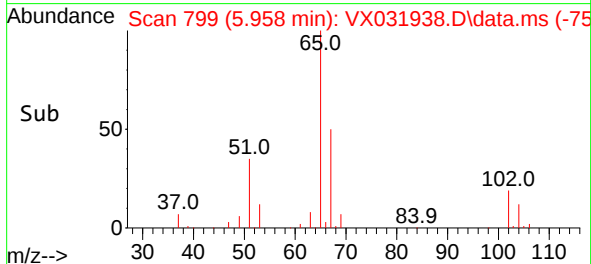
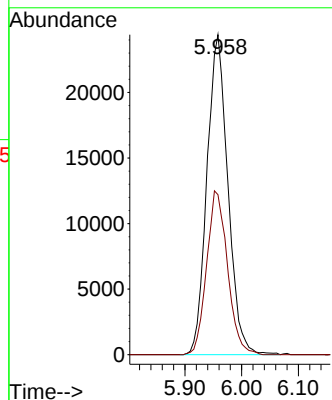
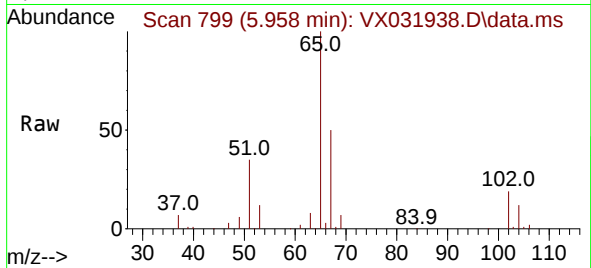




#33
 1,2-Dichloroethane-d4
 Concen: 56.161 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031938.D
 Acq: 06 Oct 2022 23:11

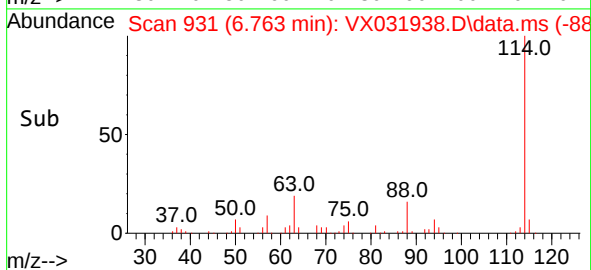
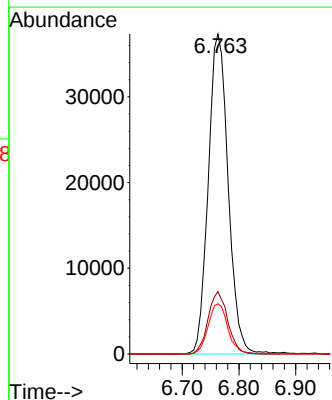
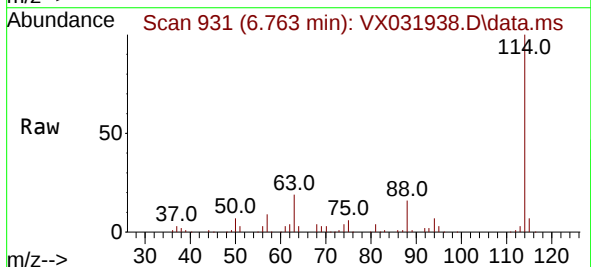
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-134

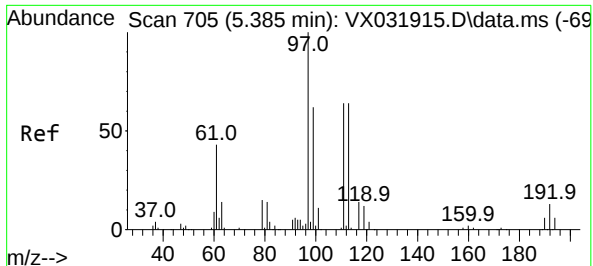
Tgt Ion: 65 Resp: 62657
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031938.D
 Acq: 06 Oct 2022 23:11

Tgt Ion: 114 Resp: 91032
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.6
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.400 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031938.D

Acq: 06 Oct 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

MW-134

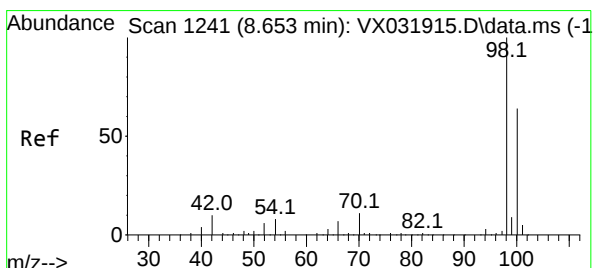
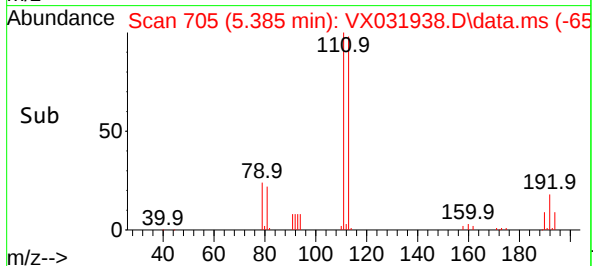
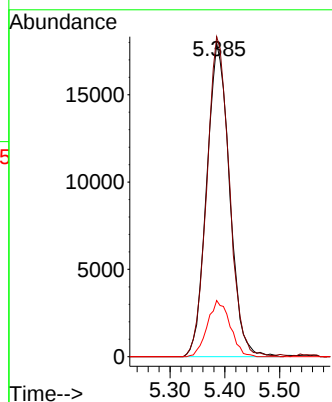
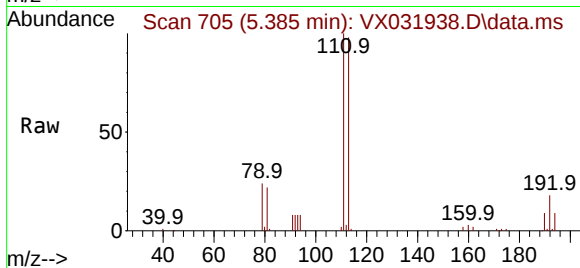
Tgt Ion:113 Resp: 51934

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

192 17.8 14.1 21.1



#50

Toluene-d8

Concen: 50.099 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031938.D

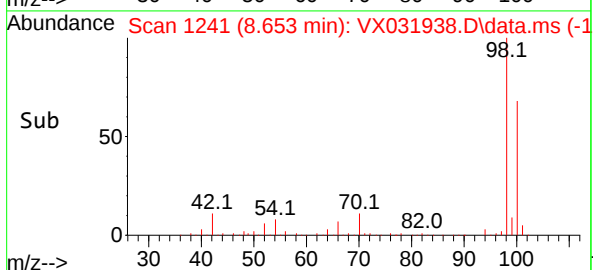
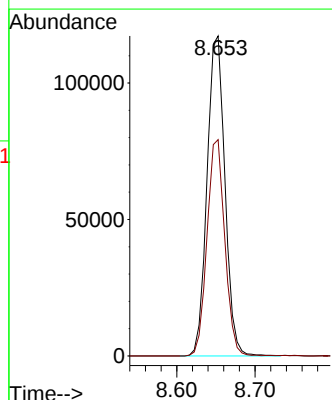
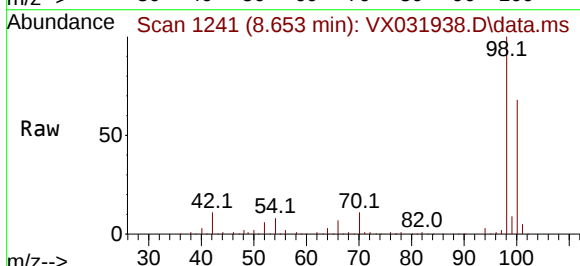
Acq: 06 Oct 2022 23:11

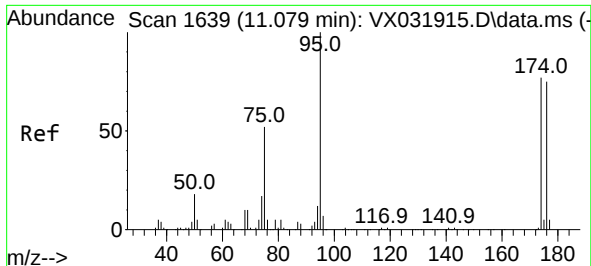
Tgt Ion: 98 Resp: 185761

Ion Ratio Lower Upper

98 100

100 67.3 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 48.229 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031938.D

Acq: 06 Oct 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

MW-134

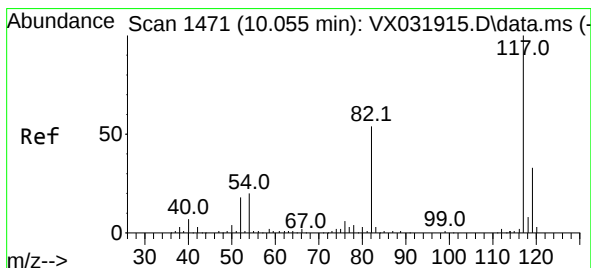
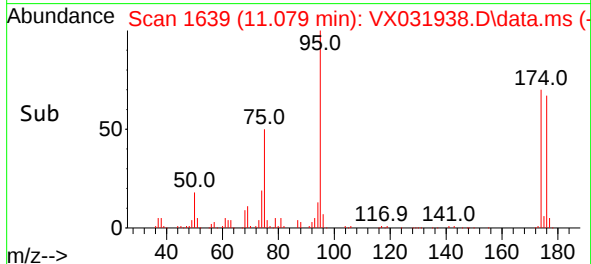
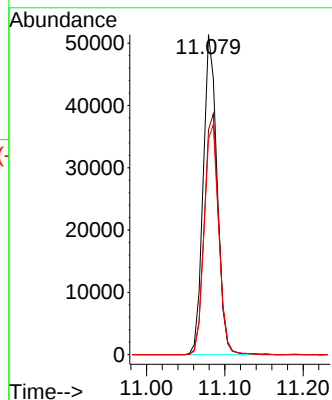
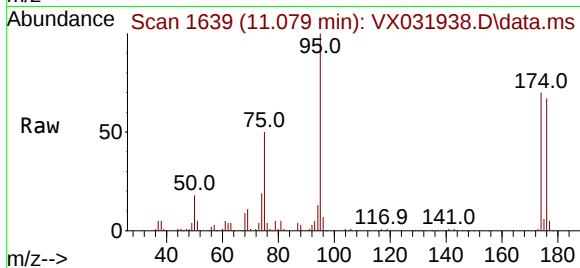
Tgt Ion: 95 Resp: 63220

Ion Ratio Lower Upper

95 100

174 78.2 0.0 153.2

176 75.1 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: VX031938.D

Acq: 06 Oct 2022 23:11

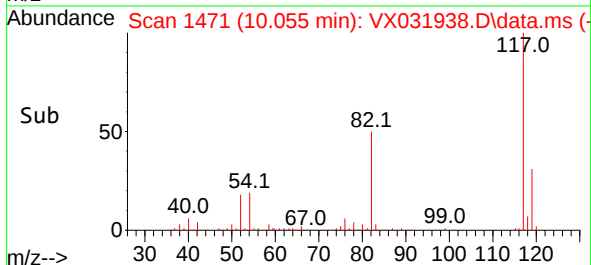
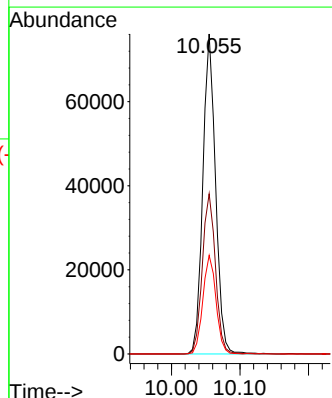
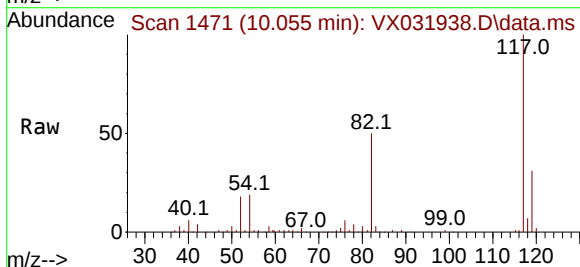
Tgt Ion: 117 Resp: 98437

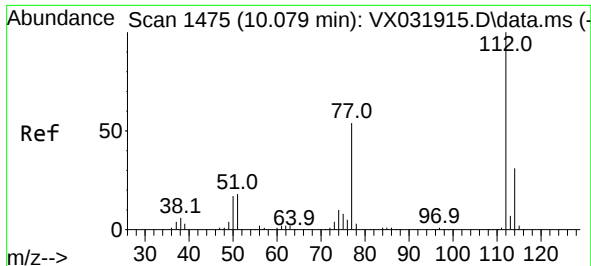
Ion Ratio Lower Upper

117 100

82 50.0 46.8 70.2

119 30.8 26.4 39.6

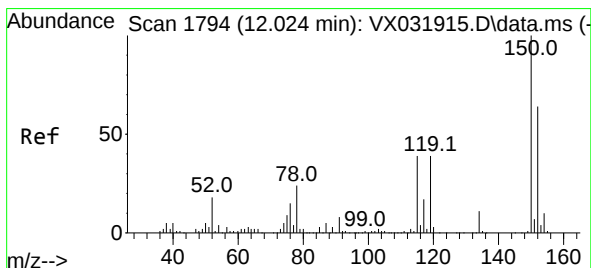
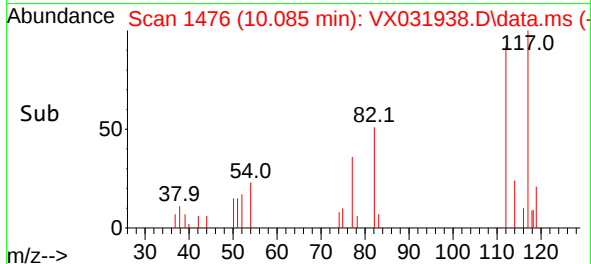
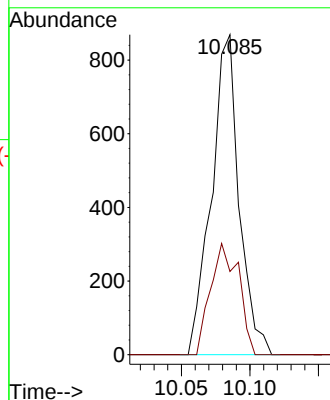
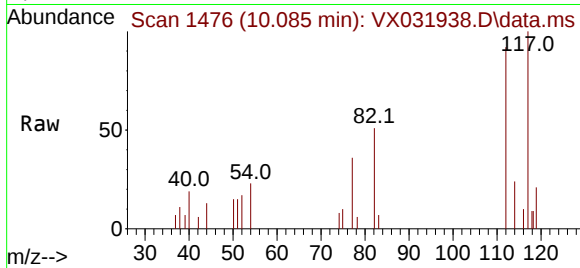




#65
Chlorobenzene
Concen: 0.409 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion:112 Resp: 1219
Ion Ratio Lower Upper
112 100
114 26.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion:152 Resp: 58872
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.1
150 155.9 0.0 346.8

