

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031972.D
 Acq On : 07 Oct 2022 19:04
 Operator : JC/MD
 Sample : N4883-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137

Quant Time: Oct 08 05:16:23 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)

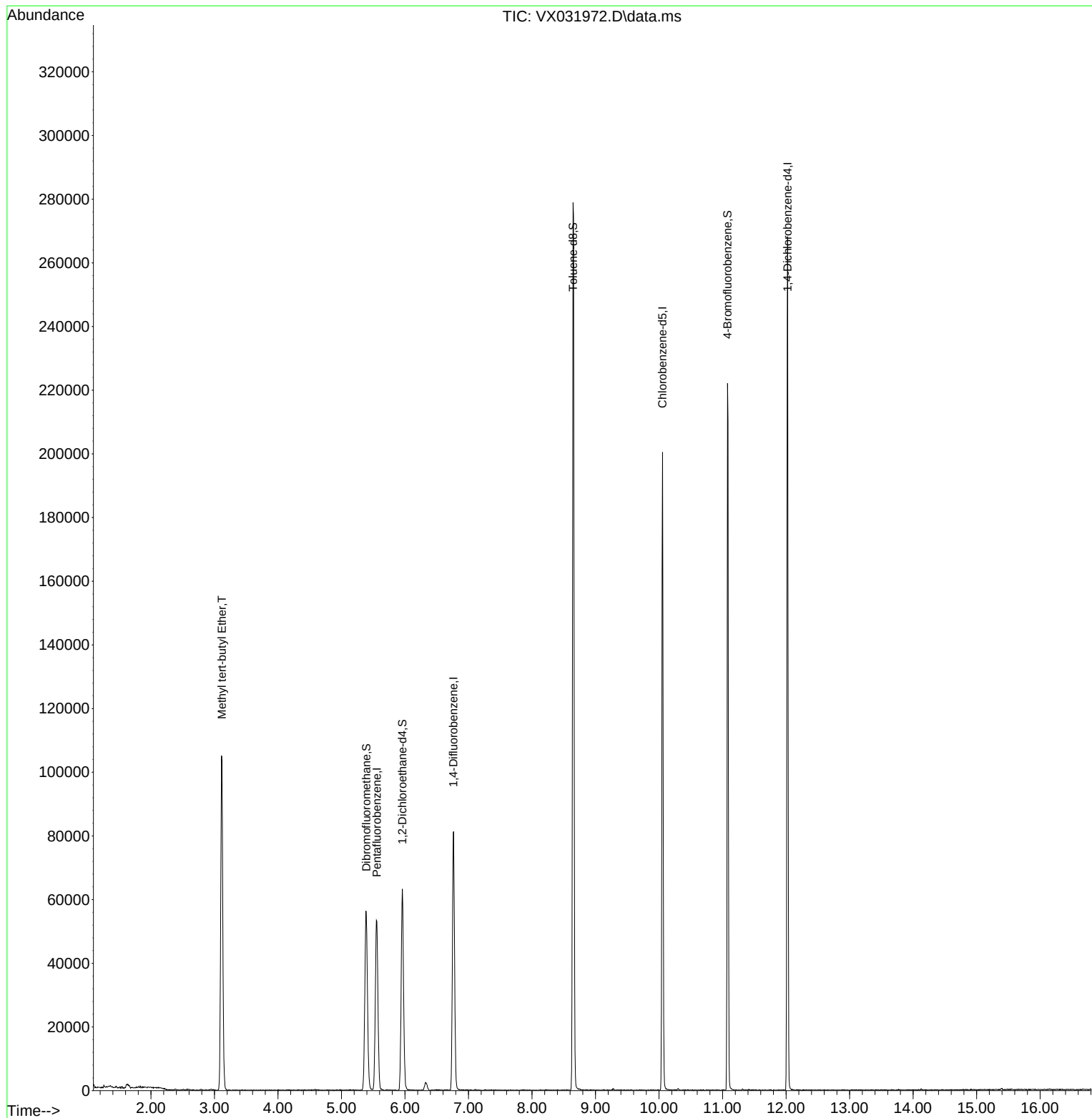
Internal Standards						
1) Pentafluorobenzene	5.556	168	51526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57238	53.789	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	5.391	113	48387	51.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	8.647	98	170296	50.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.079	95	57125	47.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.160%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	114134	43.336	ug/l	95

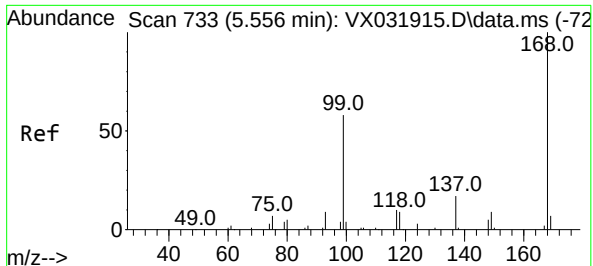
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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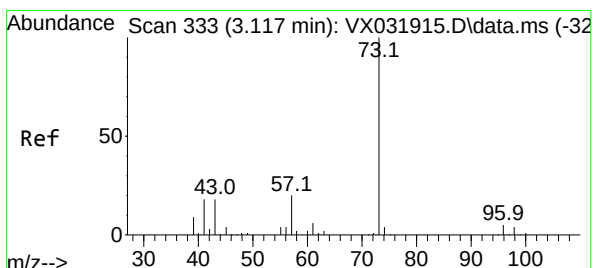
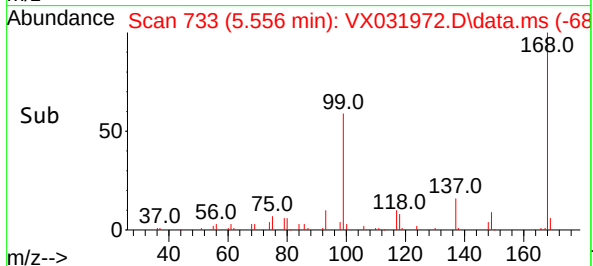
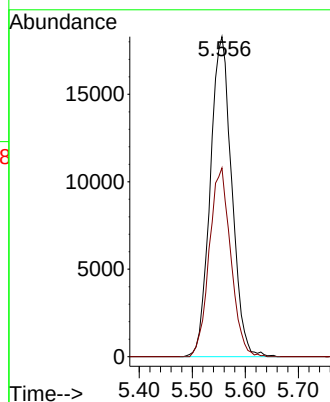
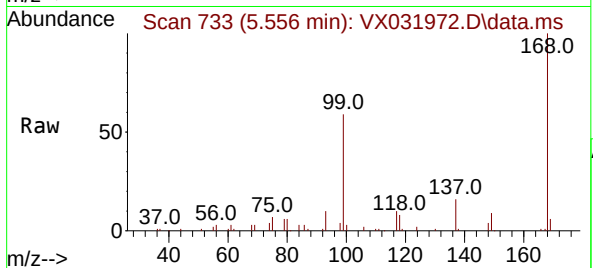




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

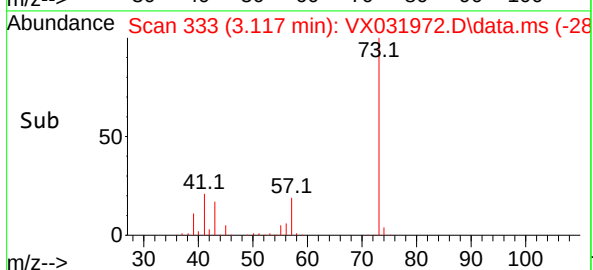
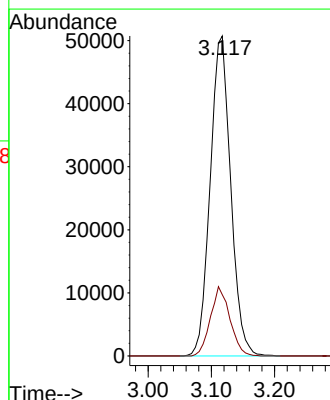
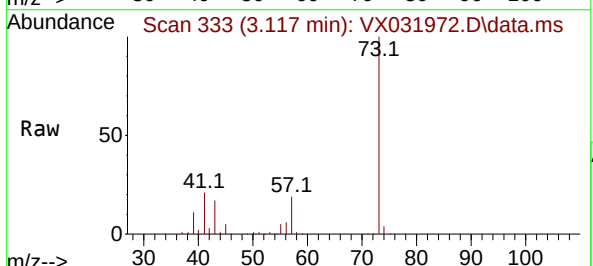
Instrument :
MSVOA_X
ClientSampleId :
MW-137

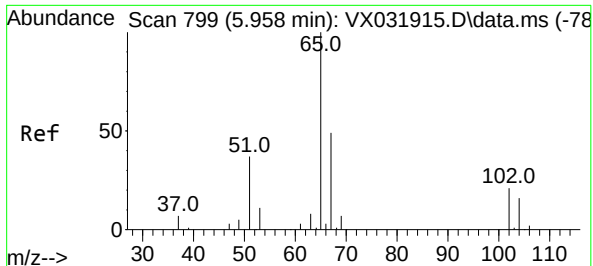
Tgt Ion:168 Resp: 51526
Ion Ratio Lower Upper
168 100
99 59.0 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 43.336 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 73 Resp: 114134
Ion Ratio Lower Upper
73 100
57 19.2 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 53.789 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031972.D

Acq: 07 Oct 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

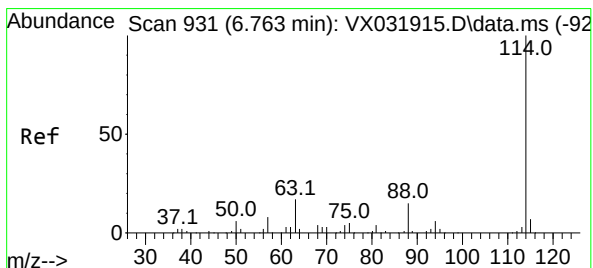
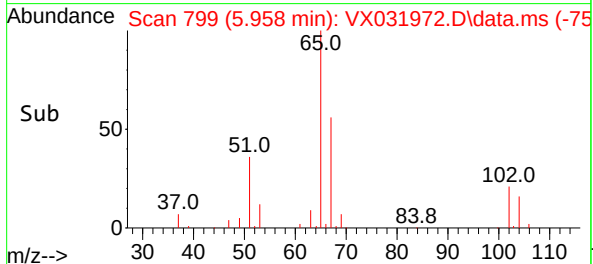
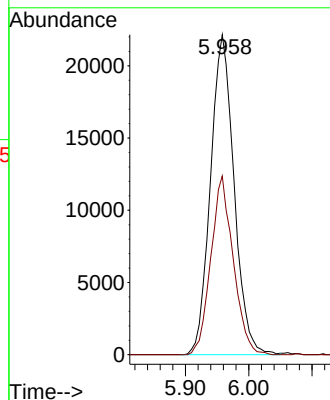
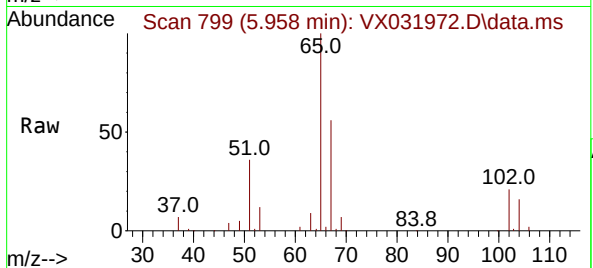
MW-137

Tgt Ion: 65 Resp: 57238

Ion Ratio Lower Upper

65 100

67 53.1 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: VX031972.D

Acq: 07 Oct 2022 19:04

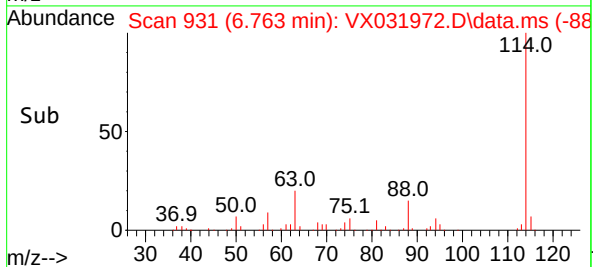
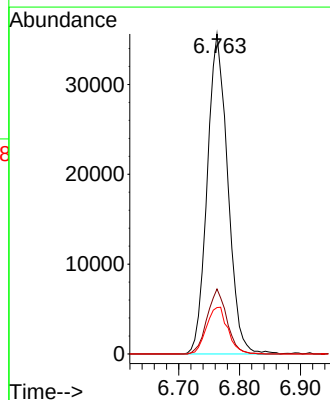
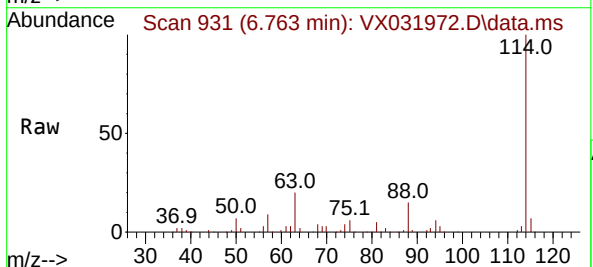
Tgt Ion: 114 Resp: 83378

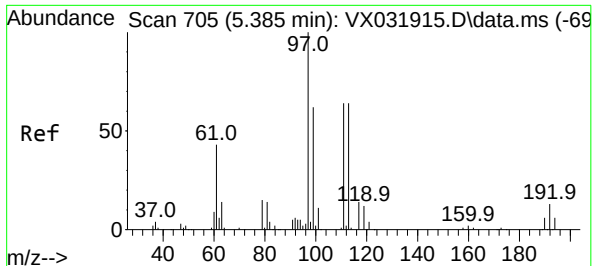
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 14.5 0.0 33.0

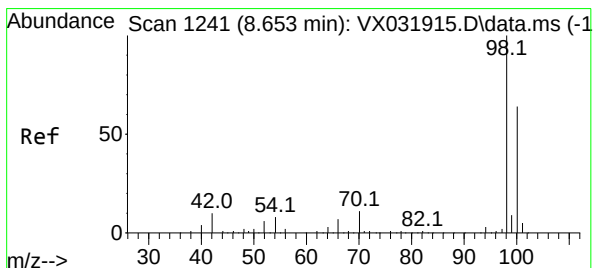
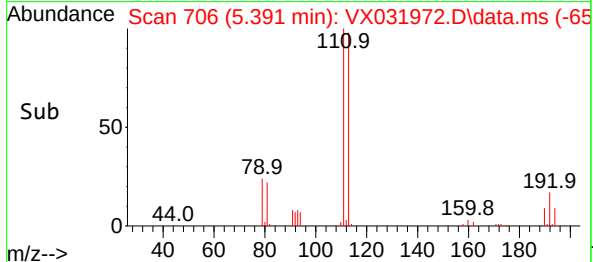
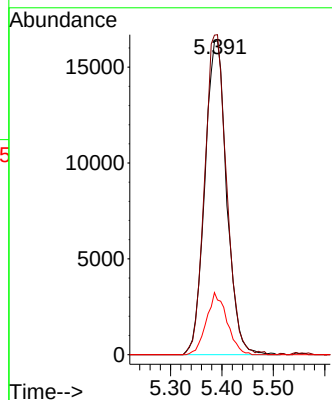
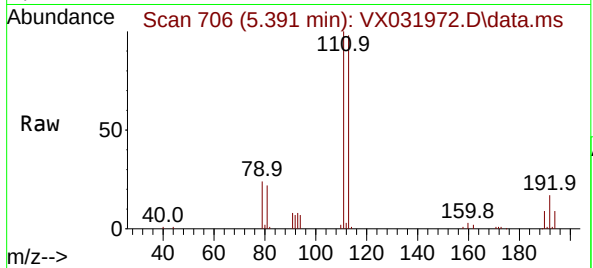




#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

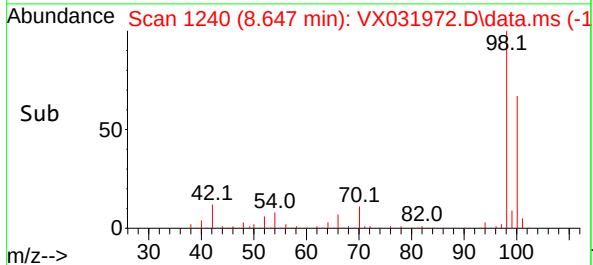
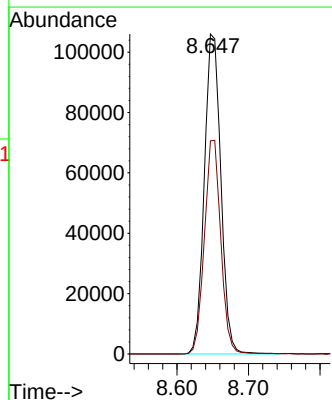
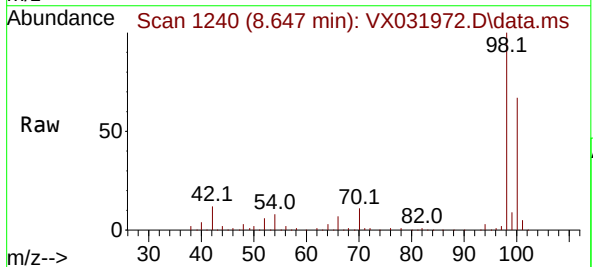
Instrument :
MSVOA_X
ClientSampleId :
MW-137

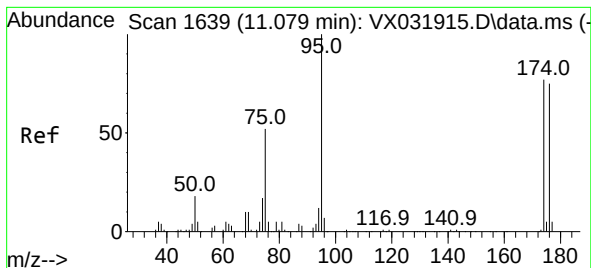
Tgt Ion:113 Resp: 48387
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.6 14.1 21.1



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

Tgt Ion: 98 Resp: 170296
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

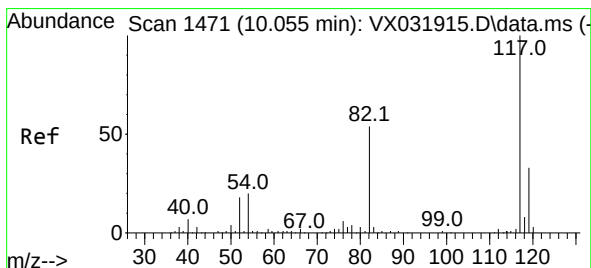
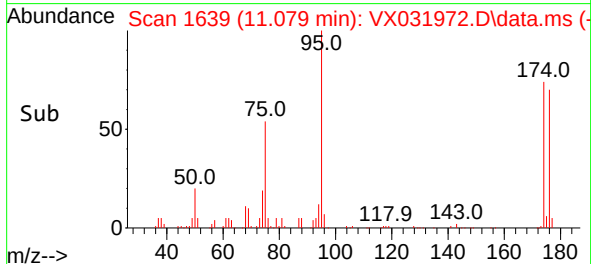
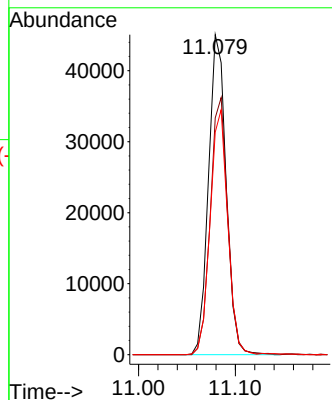
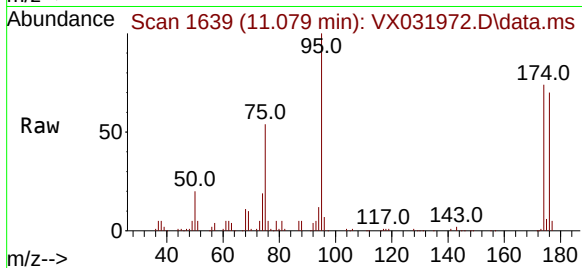




#62
4-Bromofluorobenzene
Concen: 47.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

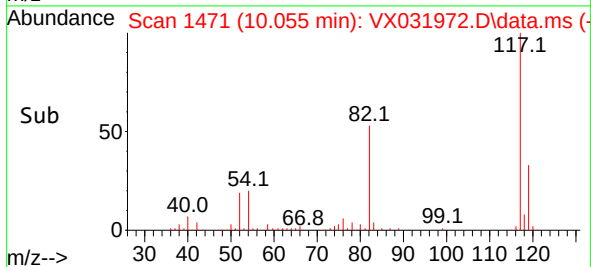
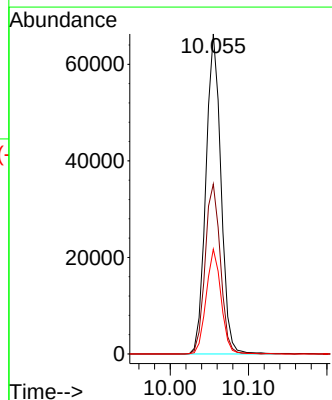
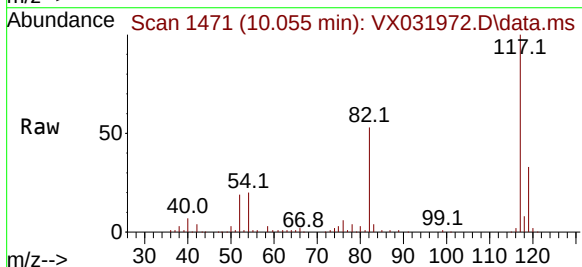
Instrument :
MSVOA_X
ClientSampleId :
MW-137

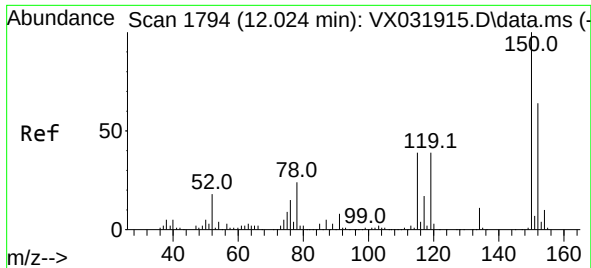
Tgt Ion: 95 Resp: 57125
Ion Ratio Lower Upper
95 100
174 80.1 0.0 153.2
176 76.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031972.D
Acq: 07 Oct 2022 19:04

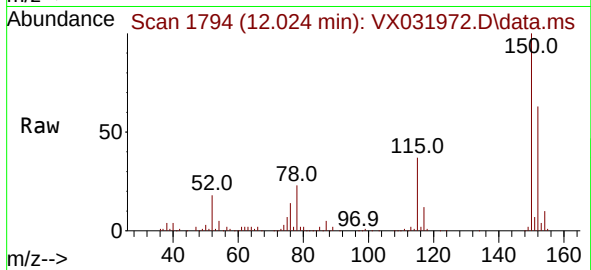
Tgt Ion: 117 Resp: 88380
Ion Ratio Lower Upper
117 100
82 53.1 46.8 70.2
119 32.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031972.D
 Acq: 07 Oct 2022 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137



Tgt Ion:152 Resp: 55355
 Ion Ratio Lower Upper
 152 100
 115 59.3 43.4 130.1
 150 158.4 0.0 346.8

