

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031847.D
 Acq On : 03 Oct 2022 20:35
 Operator : JC/MD
 Sample : N4860-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Quant Time: Oct 04 07:12:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

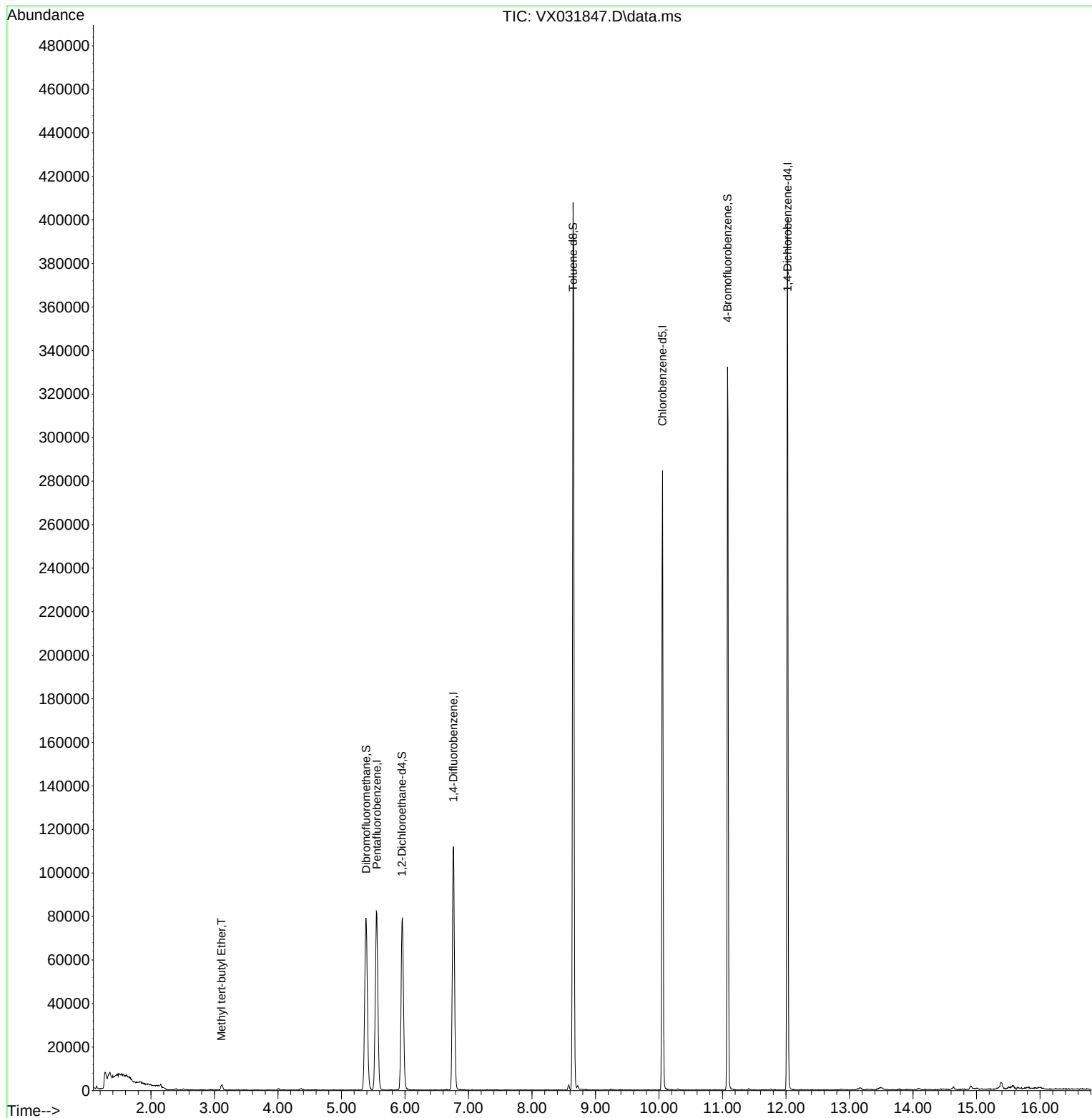
Internal Standards						
1) Pentafluorobenzene	5.556	168	79974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75324	52.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.140%
35) Dibromofluoromethane	5.385	113	69103	47.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	250213	47.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.079	95	85178	45.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	3055	0.840	ug/l	Qvalue # 88

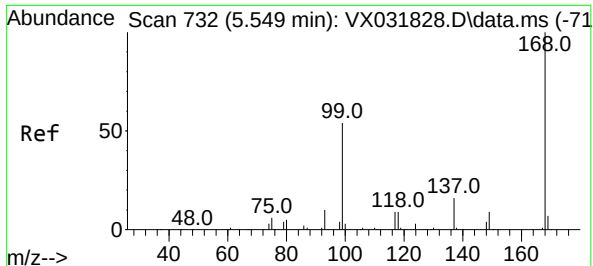
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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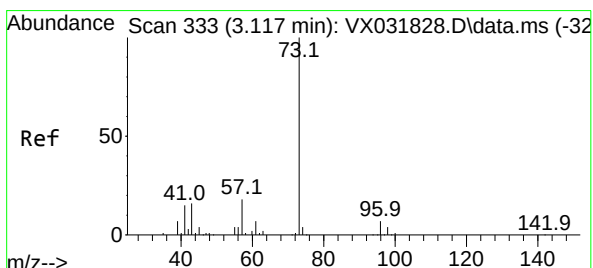
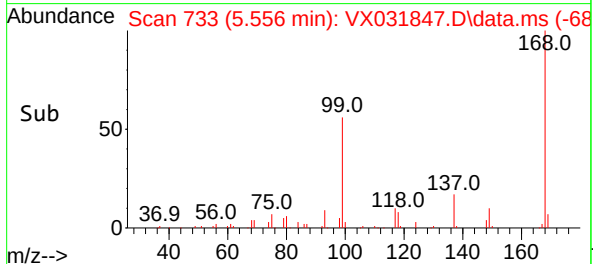
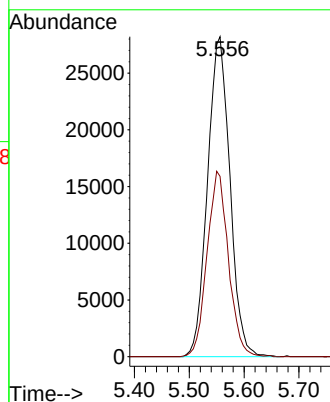
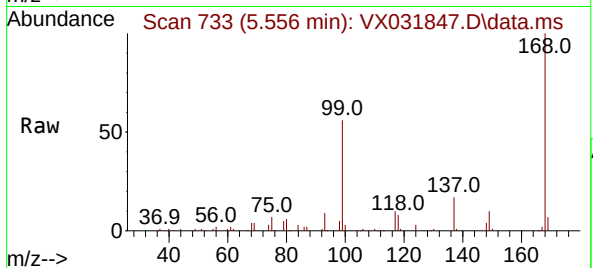




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

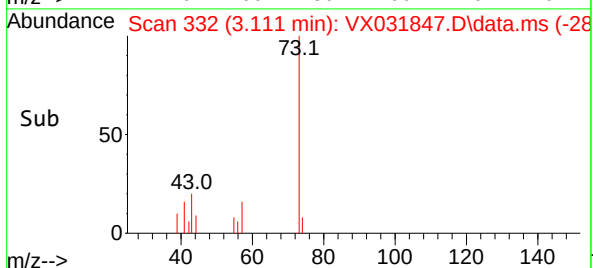
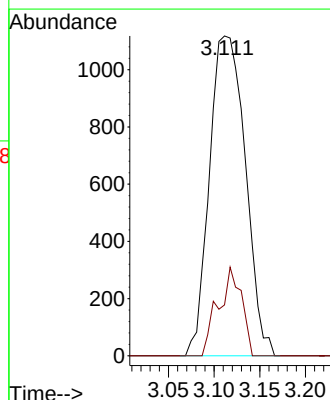
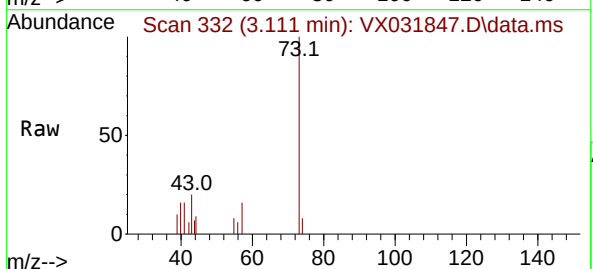
Instrument :
MSVOA_X
ClientSampleId :
MW-04

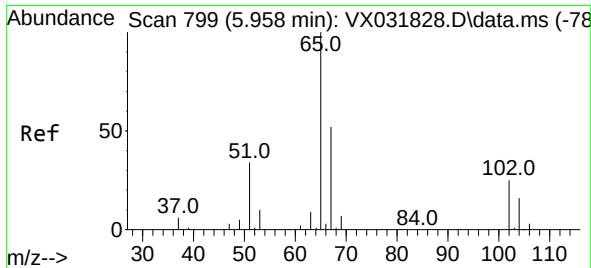
Tgt Ion:168 Resp: 79974
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.840 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 73 Resp: 3055
Ion Ratio Lower Upper
73 100
57 15.9 17.2 25.8#

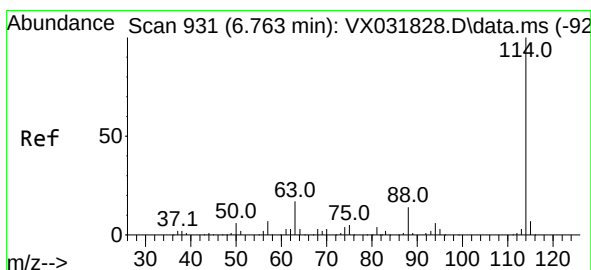
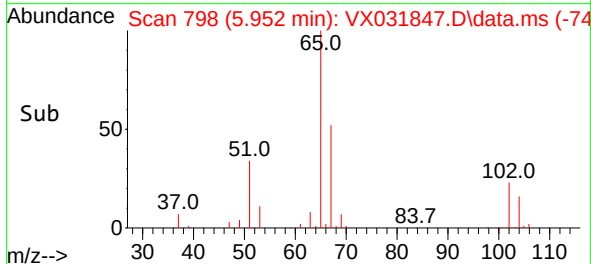
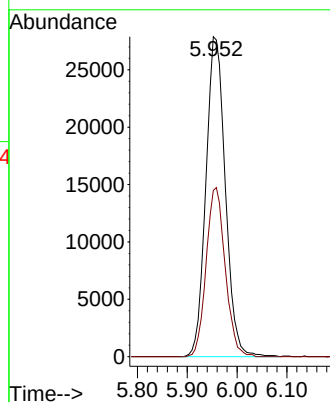
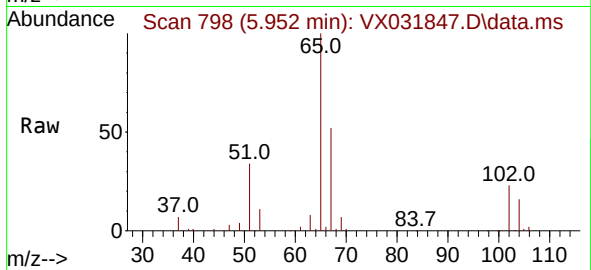




#33
 1,2-Dichloroethane-d4
 Concen: 52.572 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031847.D
 Acq: 03 Oct 2022 20:35

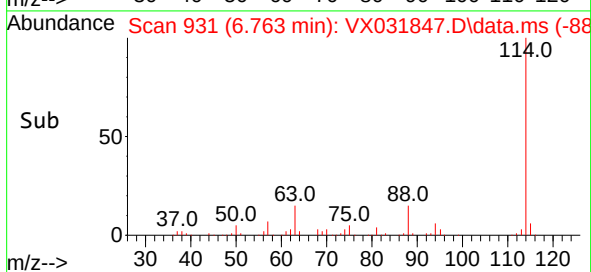
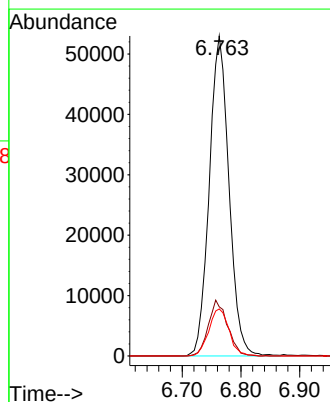
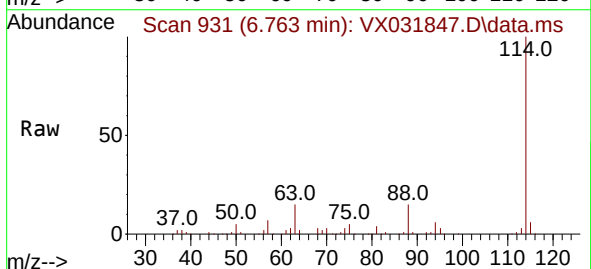
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

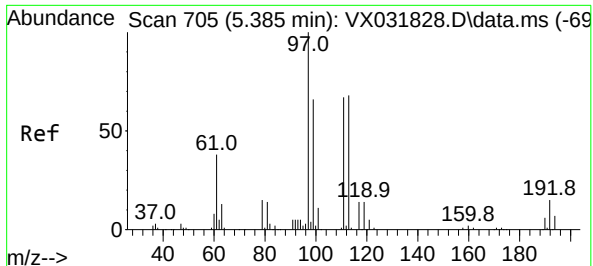
Tgt Ion: 65 Resp: 75324
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031847.D
 Acq: 03 Oct 2022 20:35

Tgt Ion: 114 Resp: 123256
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 42.6
 88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.188 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031847.D

Acq: 03 Oct 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

MW-04

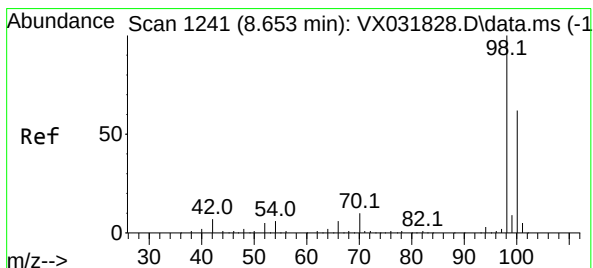
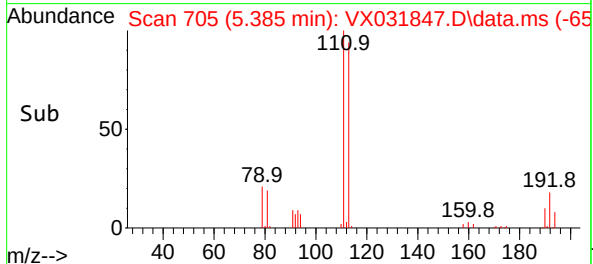
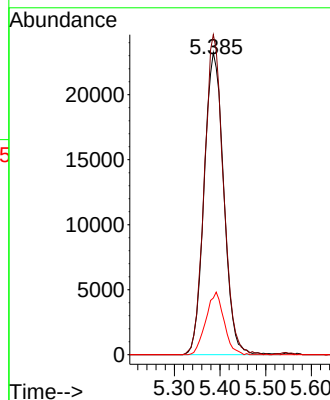
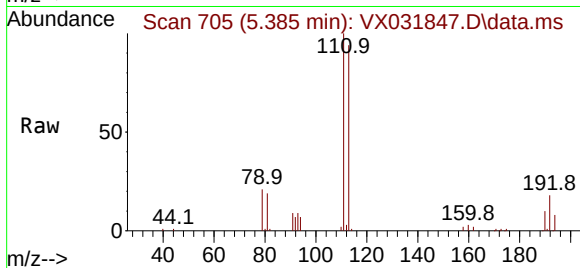
Tgt Ion:113 Resp: 69103

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 19.2 14.1 21.1



#50

Toluene-d8

Concen: 47.762 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031847.D

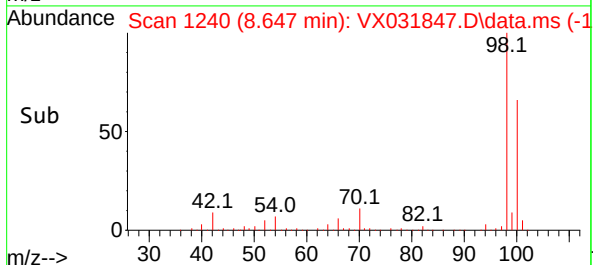
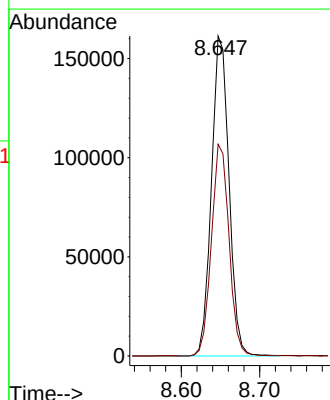
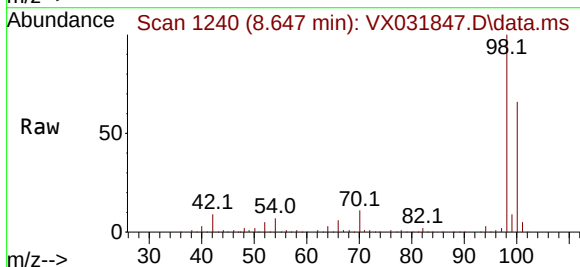
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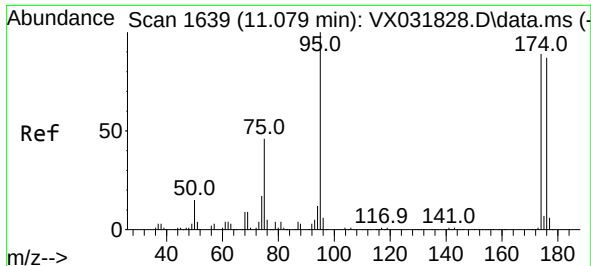
Tgt Ion: 98 Resp: 250213

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7

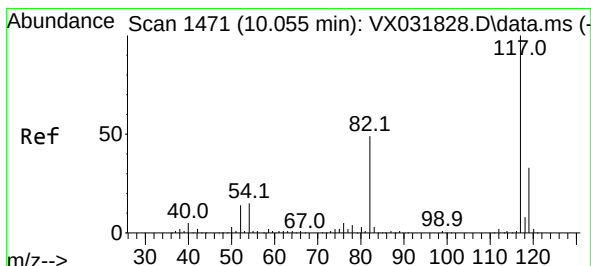
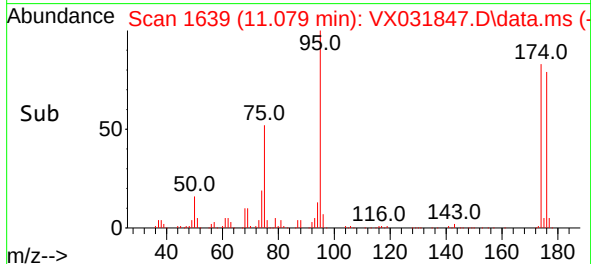
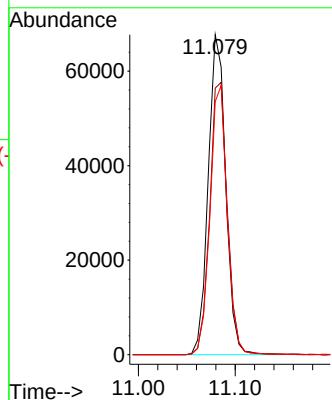
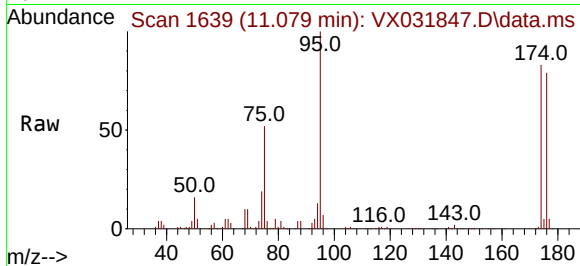




#62
4-Bromofluorobenzene
Concen: 45.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

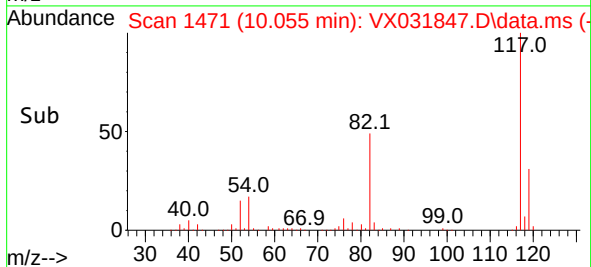
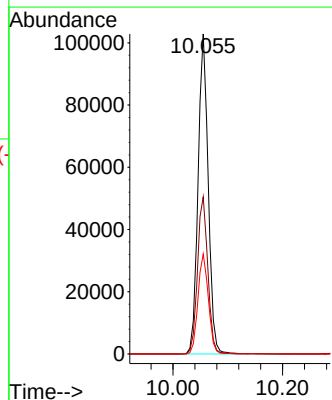
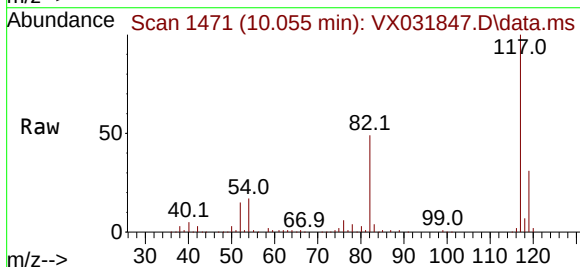
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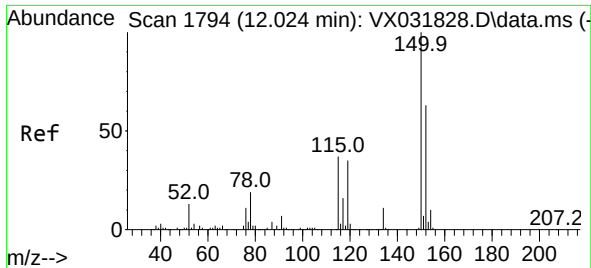
Tgt Ion: 95 Resp: 85178
Ion Ratio Lower Upper
95 100
174 86.0 0.0 153.2
176 83.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 117 Resp: 132968
Ion Ratio Lower Upper
117 100
82 49.1 46.8 70.2
119 31.2 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: VX031847.D
 Acq: 03 Oct 2022 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Tgt Ion:152 Resp: 86664
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.4 130.1
 150 157.6 0.0 346.8

