

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037858.D
 Acq On : 21 Sep 2023 16:22
 Operator : JC/MD
 Sample : 04555-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-230920-01

Quant Time: Sep 22 05:58:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

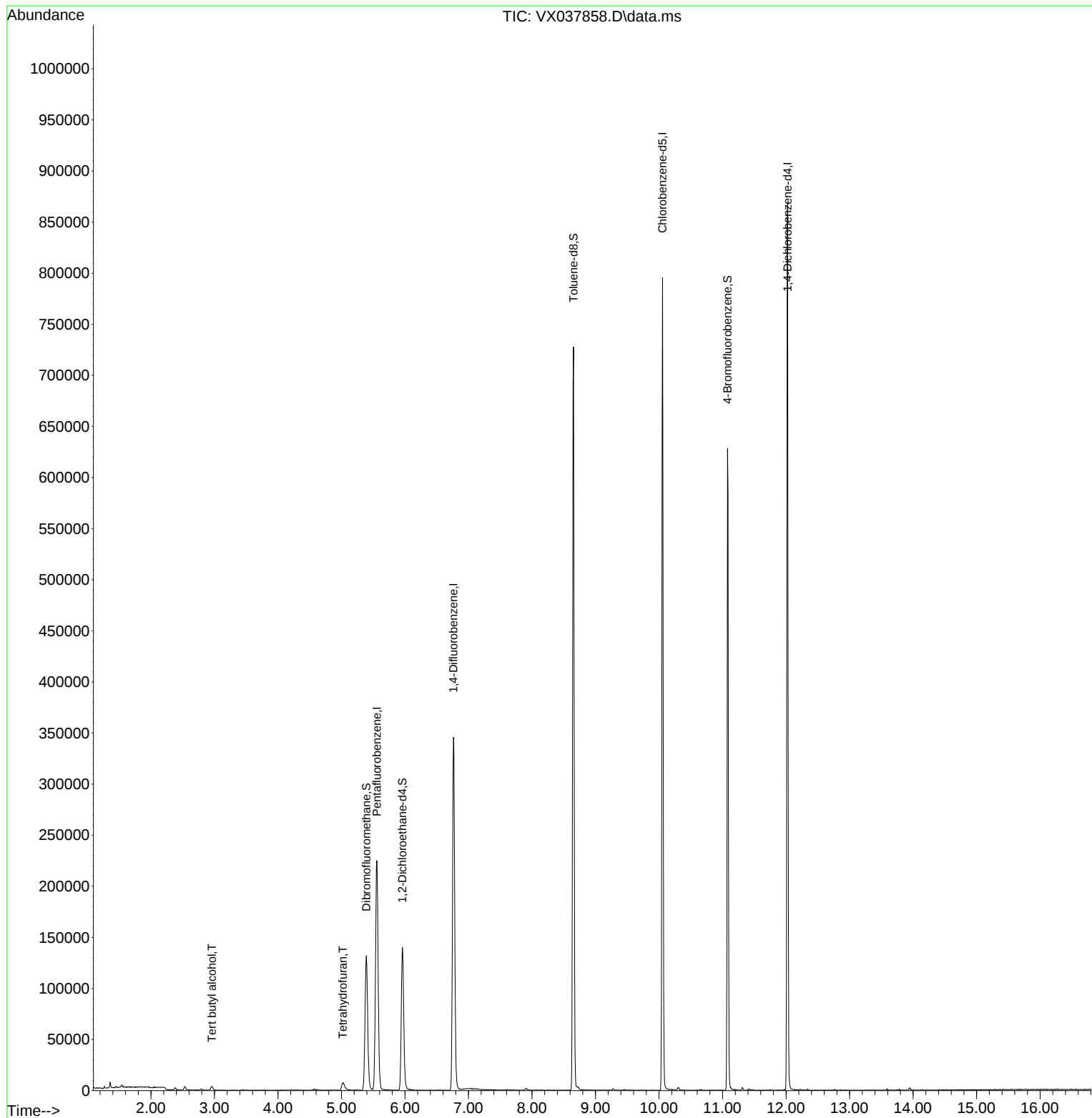
Internal Standards						
1) Pentafluorobenzene	5.556	168	218922	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135186	47.000	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.000%		
35) Dibromofluoromethane	5.391	113	115397	46.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.560%		
50) Toluene-d8	8.653	98	445322	48.581	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	165206	49.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.200%		
Target Compounds						
11) Tert butyl alcohol	2.959	59	4420	7.159	ug/l	# 87
29) Tetrahydrofuran	5.019	42	7271	5.987	ug/l	90

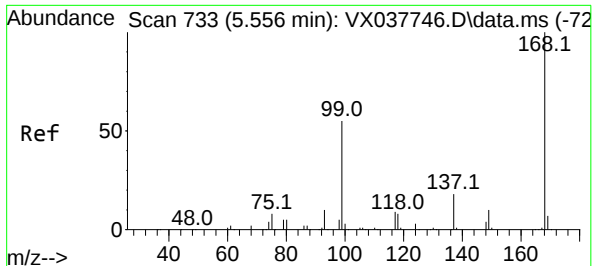
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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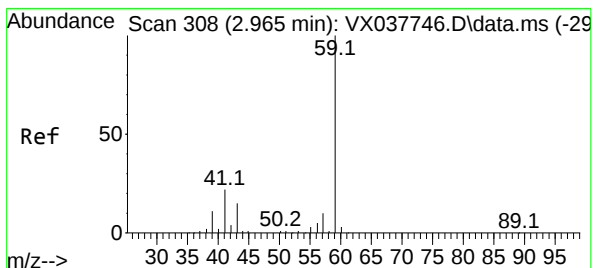
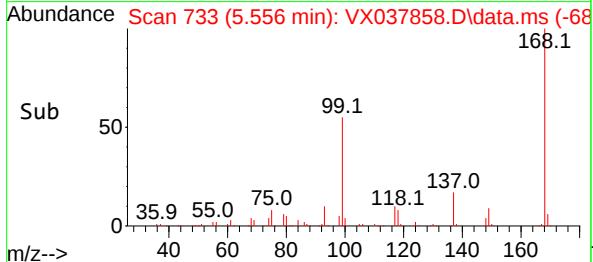
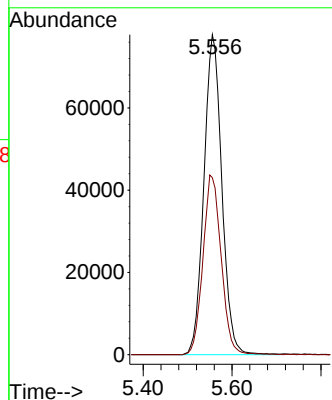
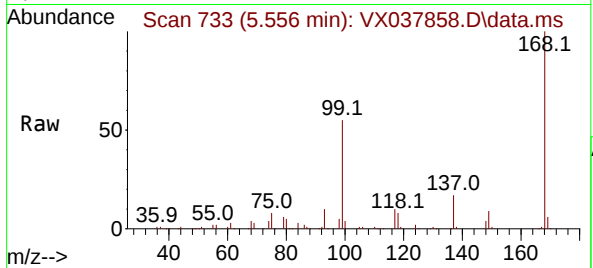




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

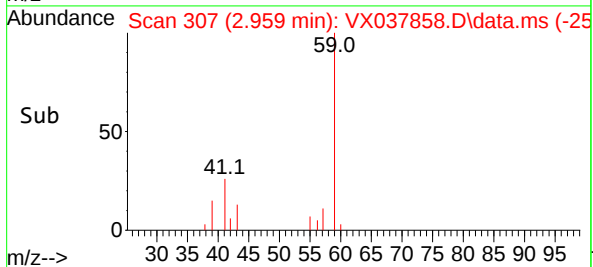
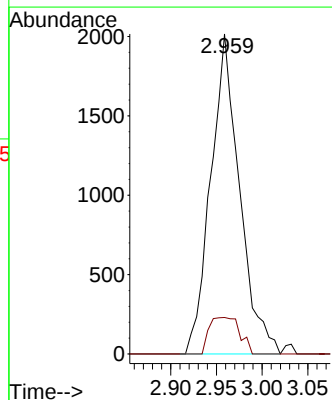
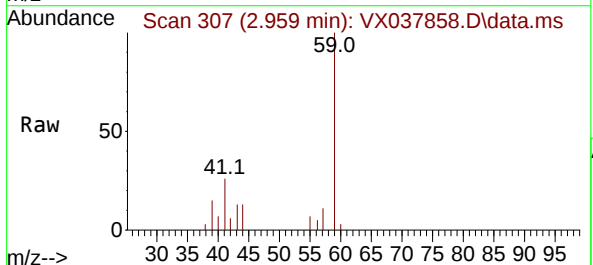
Instrument :
MSVOA_X
ClientSampleId :
TB-230920-01

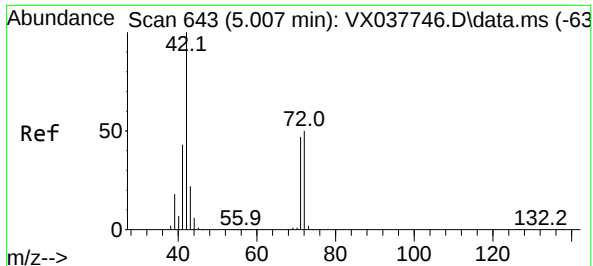
Tgt Ion:168 Resp: 218922
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 7.159 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Tgt Ion: 59 Resp: 4420
Ion Ratio Lower Upper
59 100
57 12.1 6.0 9.0#





#29

Tetrahydrofuran

Concen: 5.987 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

TB-230920-01

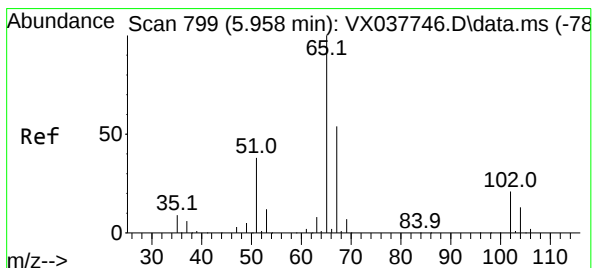
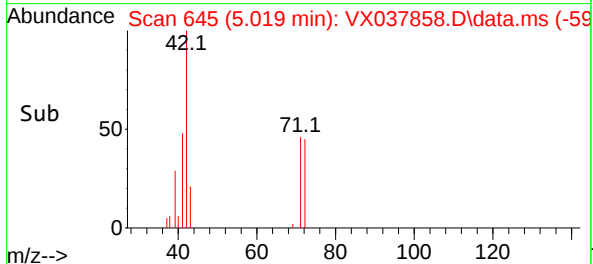
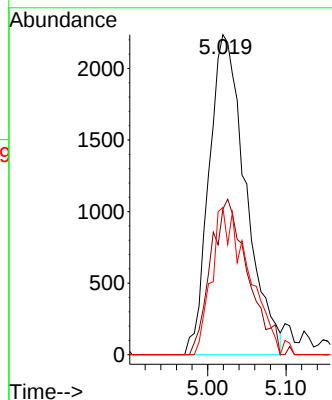
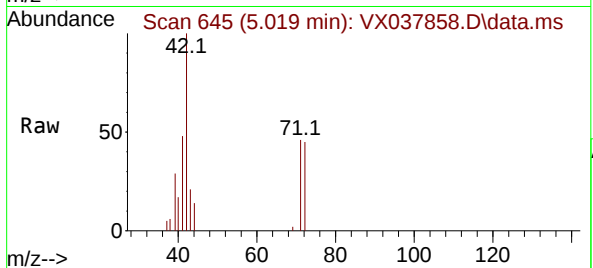
Tgt Ion: 42 Resp: 7271

Ion Ratio Lower Upper

42 100

72 49.2 34.2 51.4

71 46.2 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 47.000 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037858.D

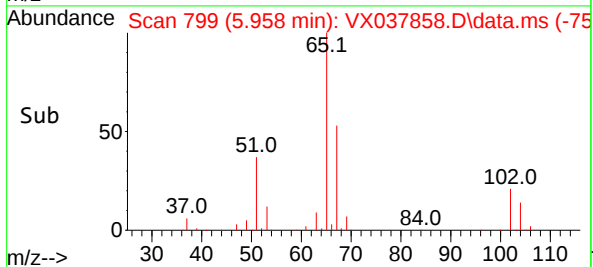
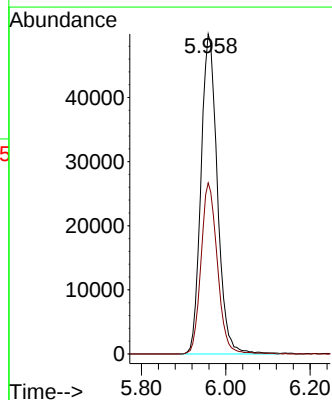
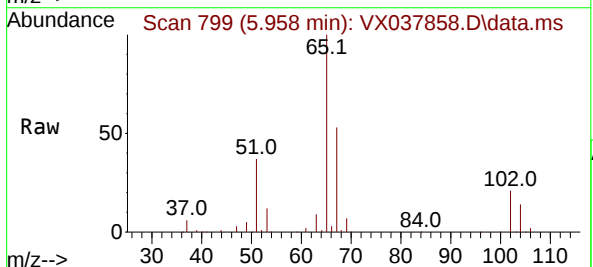
Acq: 21 Sep 2023 16:22

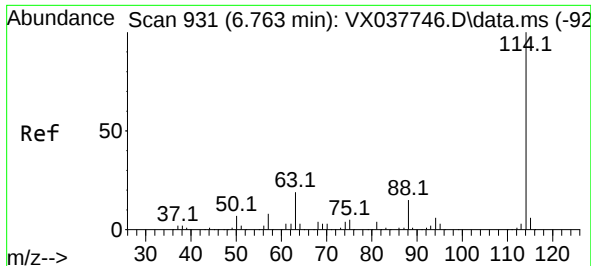
Tgt Ion: 65 Resp: 135186

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2

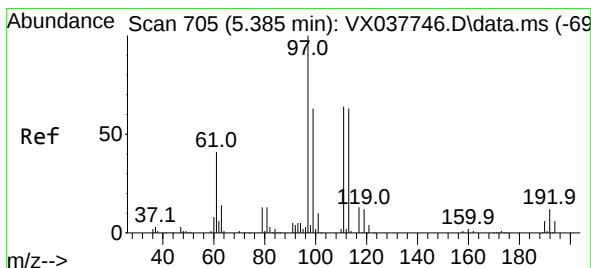
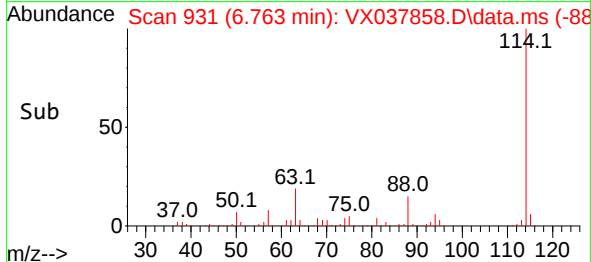
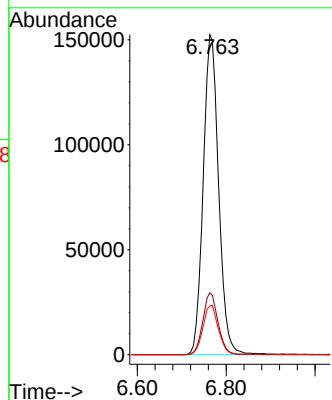
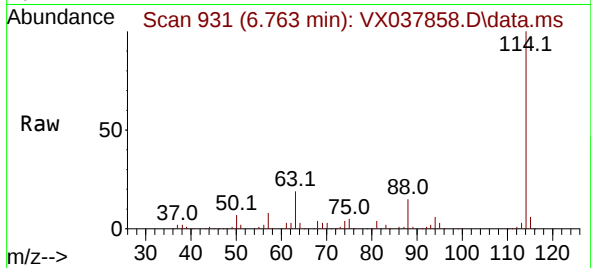




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

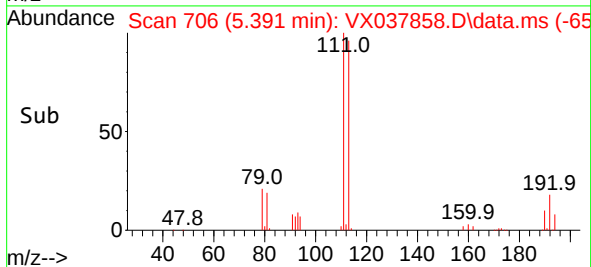
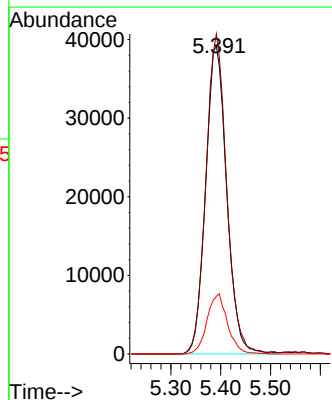
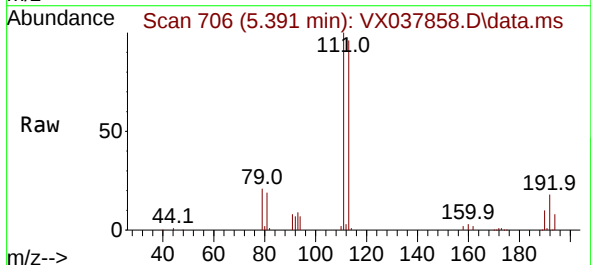
Instrument :
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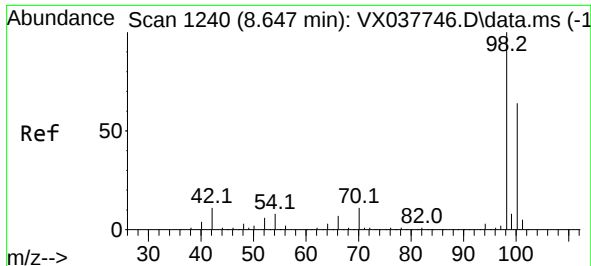
Tgt Ion:114 Resp: 368705
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.776 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Tgt Ion:113 Resp: 115397
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.9 13.3 19.9

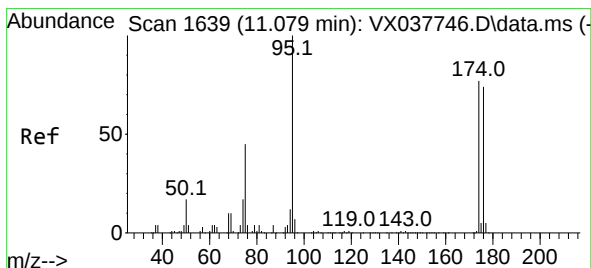
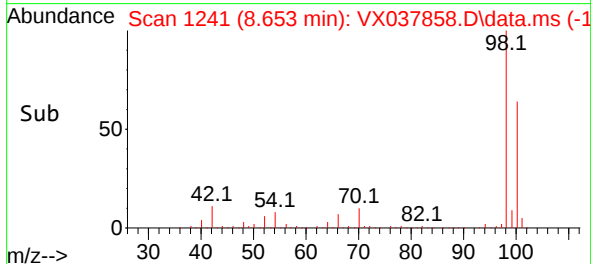
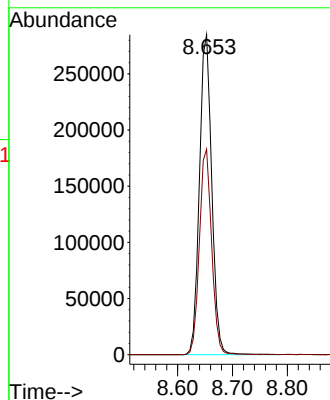
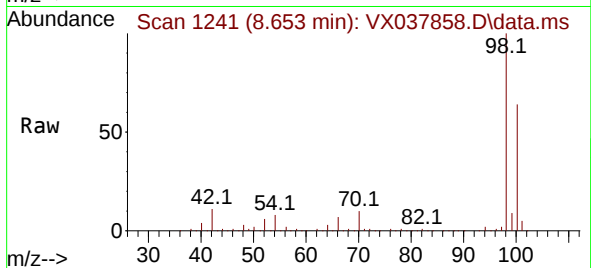




#50
Toluene-d8
Concen: 48.581 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

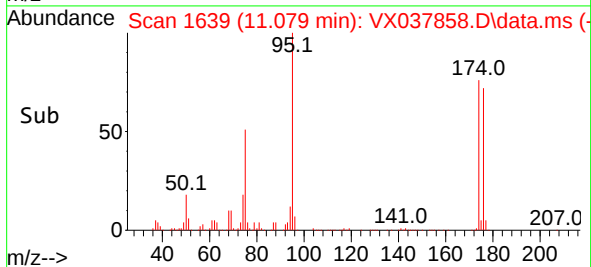
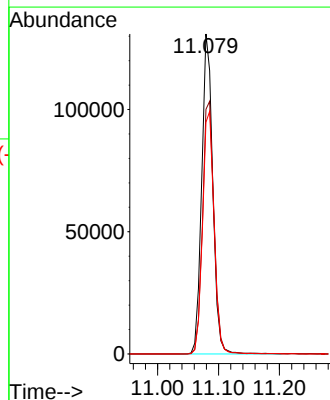
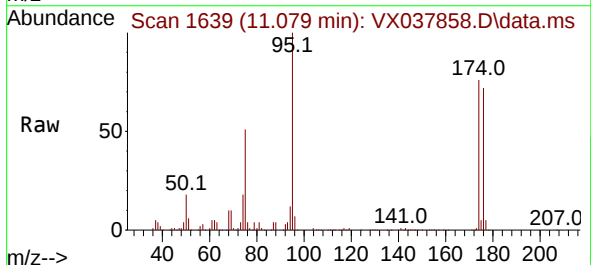
Instrument :
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ClientSampleId :
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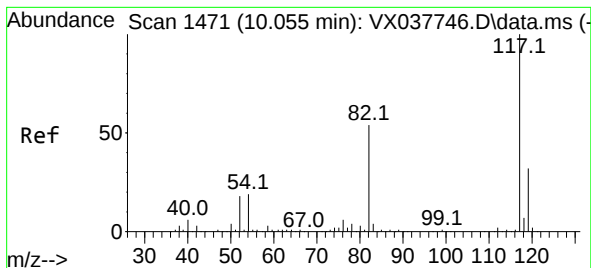
Tgt Ion: 98 Resp: 445322
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Tgt Ion: 95 Resp: 165206
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 78.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

TB-230920-01

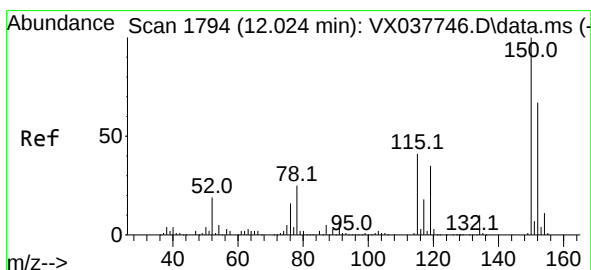
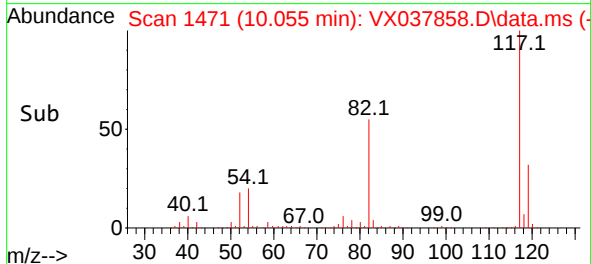
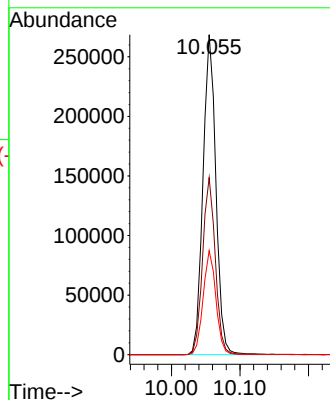
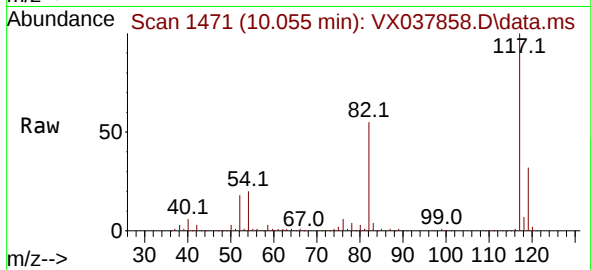
Tgt Ion:117 Resp: 352367

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

Tgt Ion:152 Resp: 185290

Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 156.1 0.0 345.0

