

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038958.D
 Acq On : 20 Nov 2023 15:04
 Operator : JC/MD
 Sample : 05428-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20231113

Quant Time: Nov 21 00:20:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

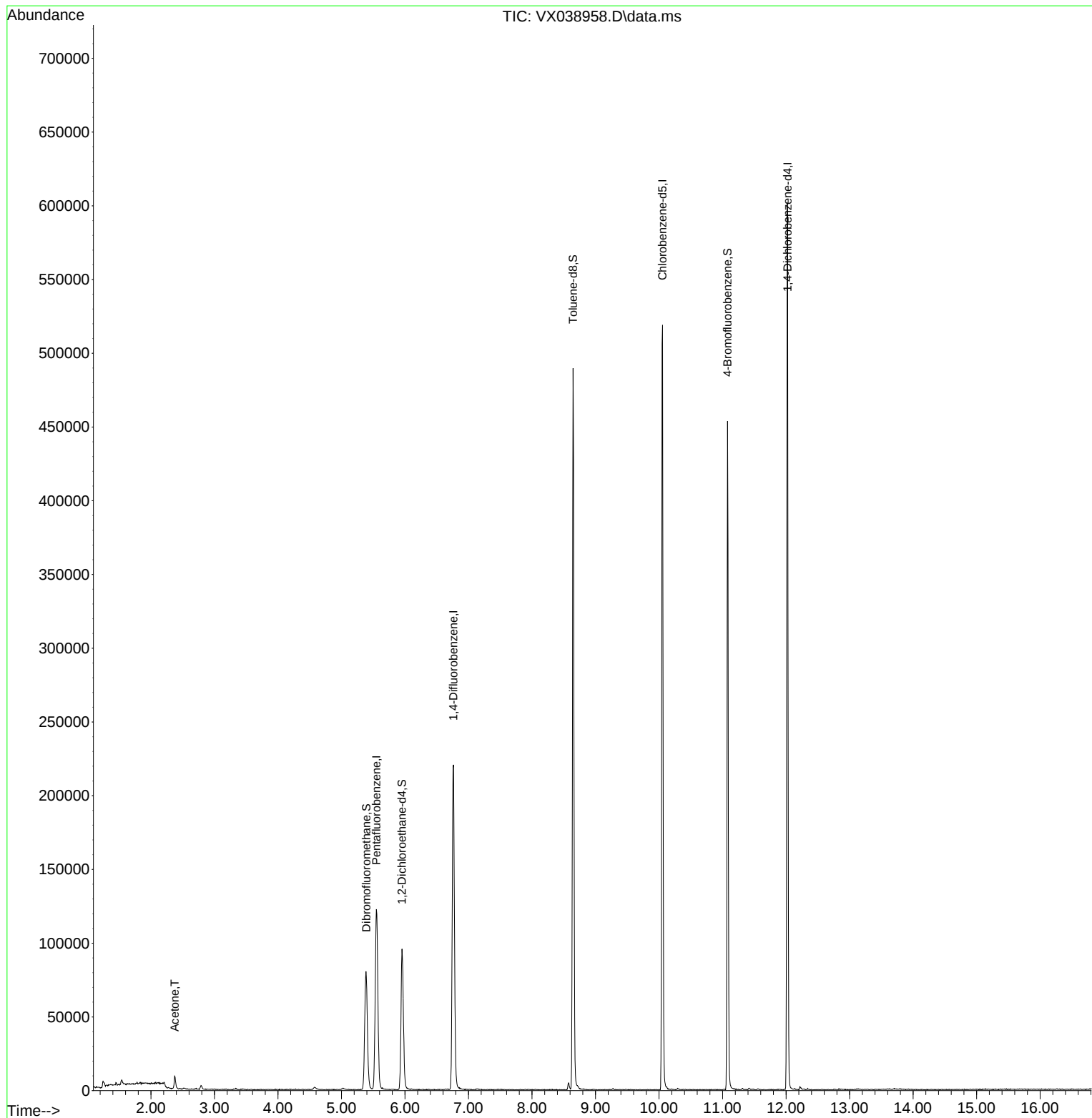
Internal Standards						
1) Pentafluorobenzene	5.550	168	109700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89249	50.490	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	100.980%	
35) Dibromofluoromethane	5.391	113	72396	44.411	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	88.820%	
50) Toluene-d8	8.647	98	286649	45.959	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.920%#	
62) 4-Bromofluorobenzene	11.079	95	127326	50.997	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.000%	
Target Compounds						
16) Acetone	2.374	43	8717	9.264	ug/l	Qvalue # 79

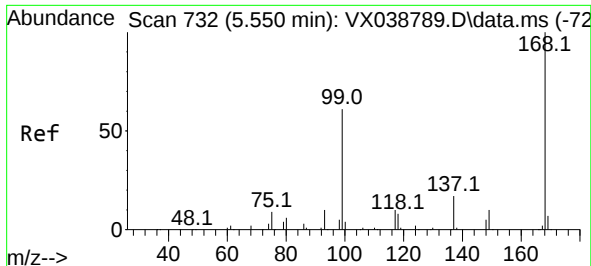
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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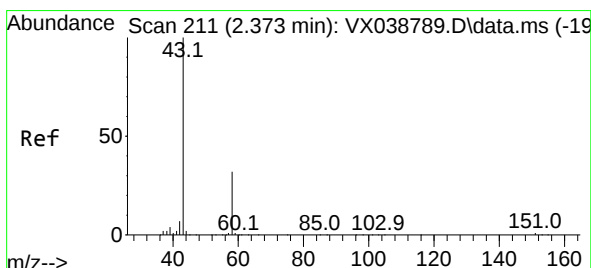
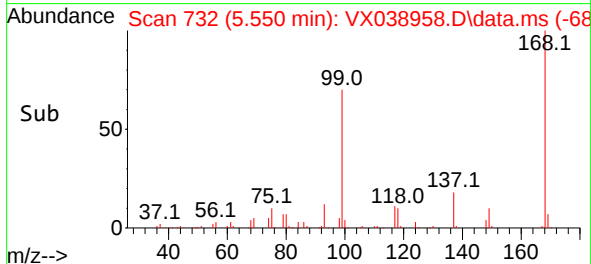
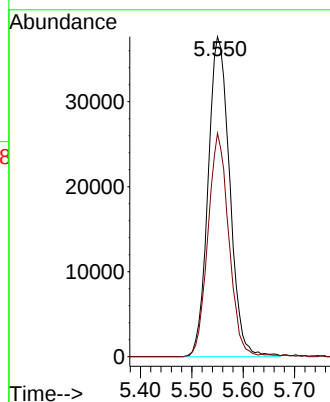
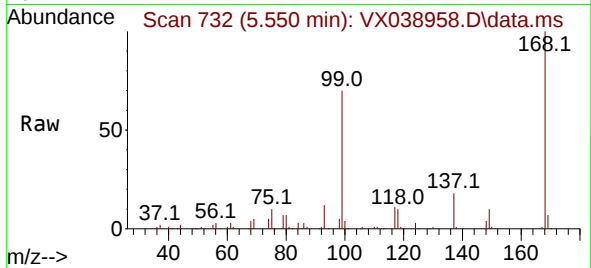




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

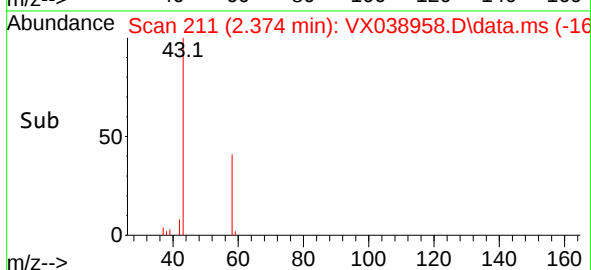
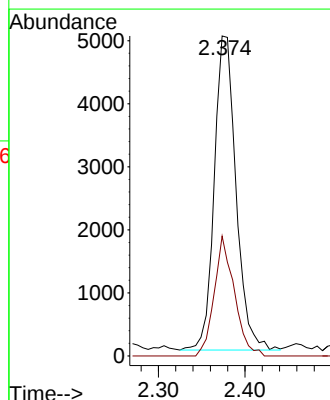
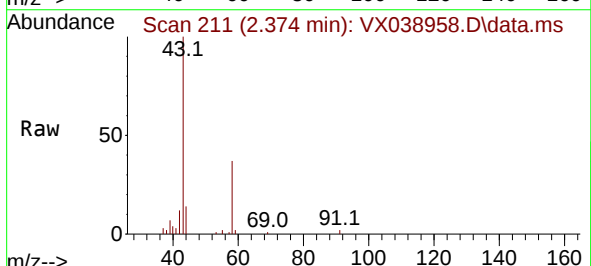
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

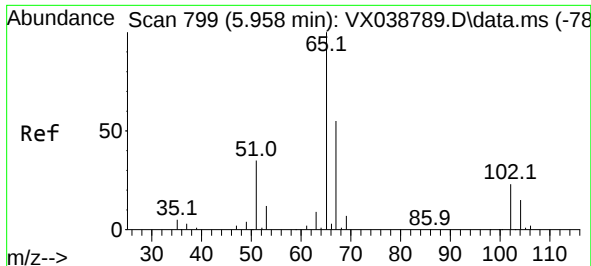
Tgt Ion:168 Resp: 109700
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#16
Acetone
Concen: 9.264 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 43 Resp: 8717
Ion Ratio Lower Upper
43 100
58 38.2 21.9 32.9#

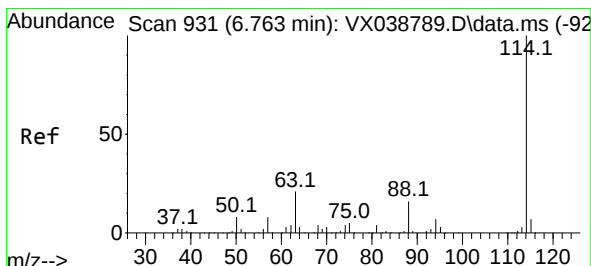
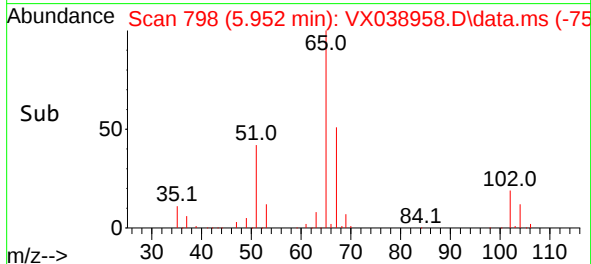
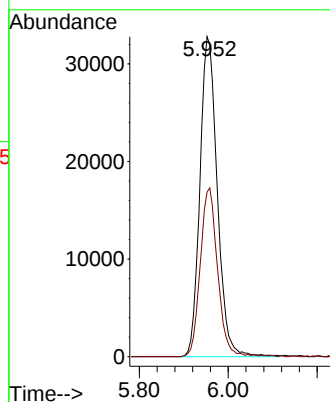
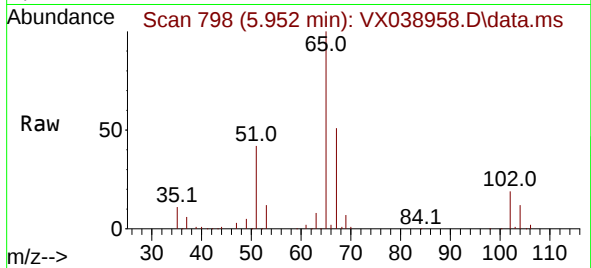




#33
 1,2-Dichloroethane-d4
 Concen: 50.490 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038958.D
 Acq: 20 Nov 2023 15:04

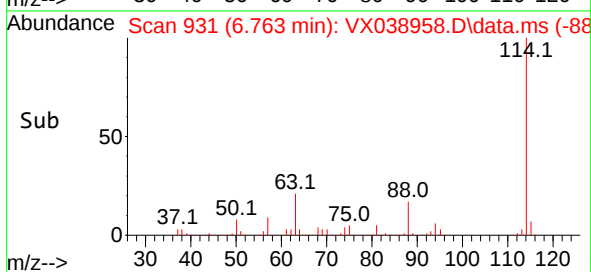
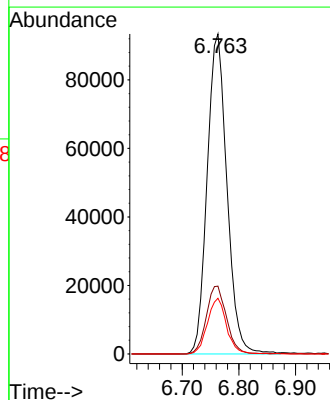
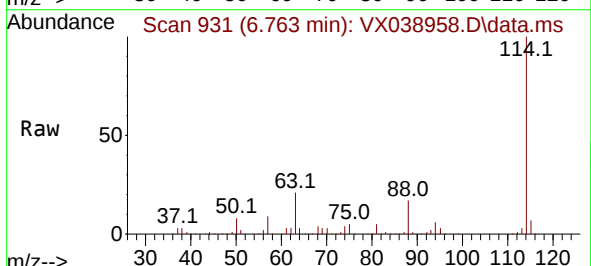
Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20231113

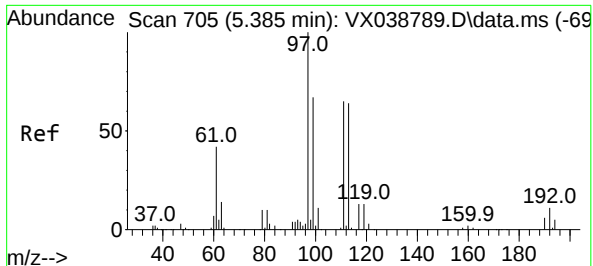
Tgt Ion: 65 Resp: 89249
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038958.D
 Acq: 20 Nov 2023 15:04

Tgt Ion: 114 Resp: 225713
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 17.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.411 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038958.D

Acq: 20 Nov 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

TB04-20231113

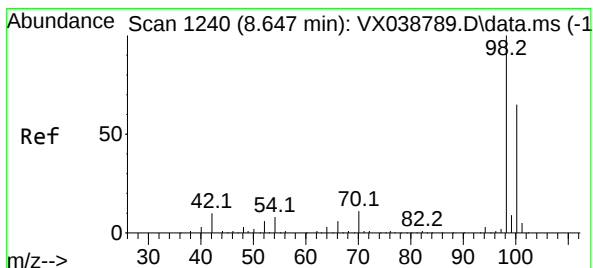
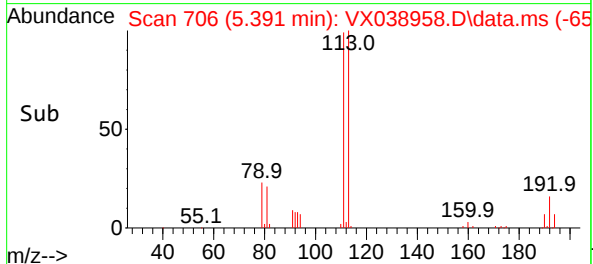
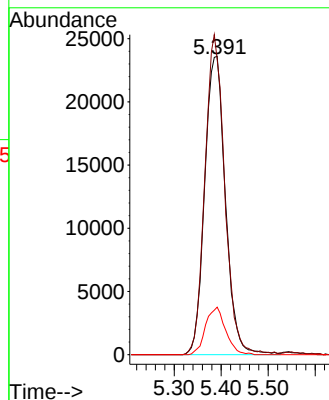
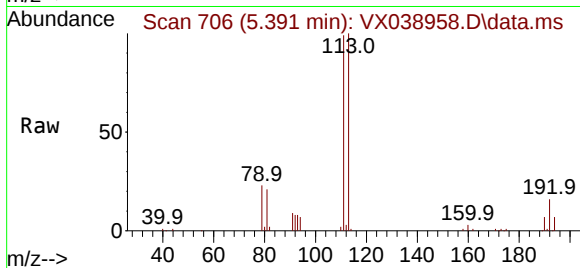
Tgt Ion:113 Resp: 72396

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 15.4 13.3 19.9



#50

Toluene-d8

Concen: 45.959 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038958.D

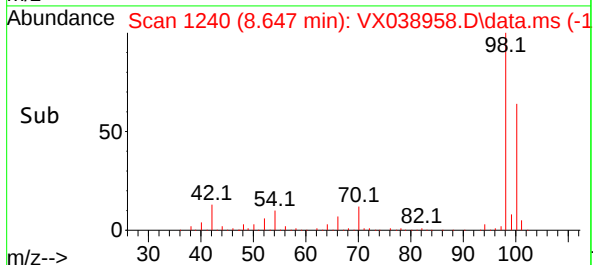
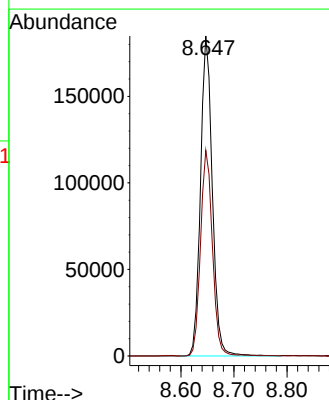
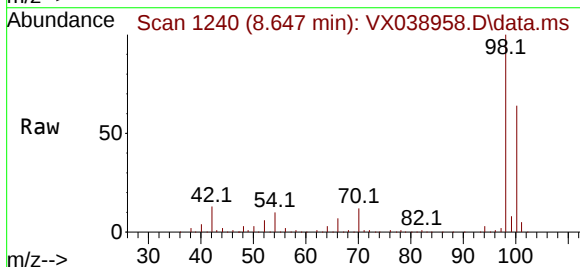
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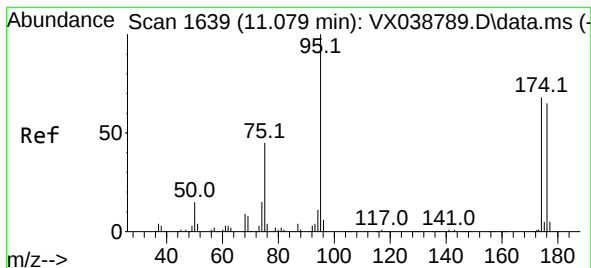
Tgt Ion: 98 Resp: 286649

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

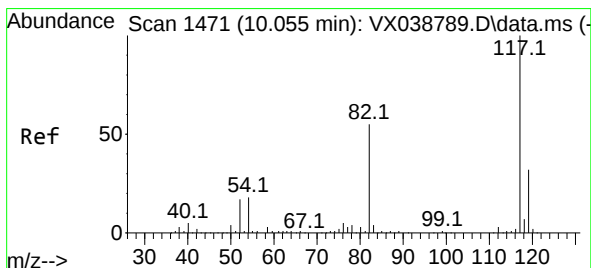
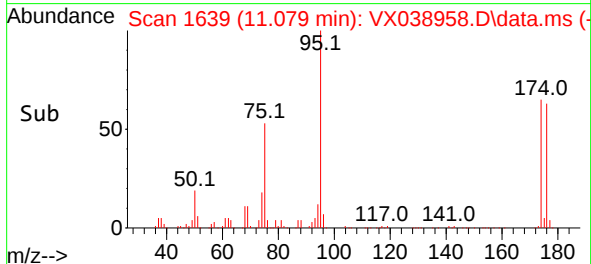
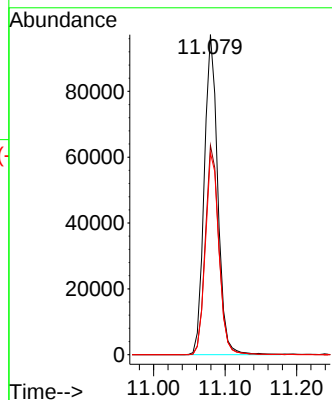
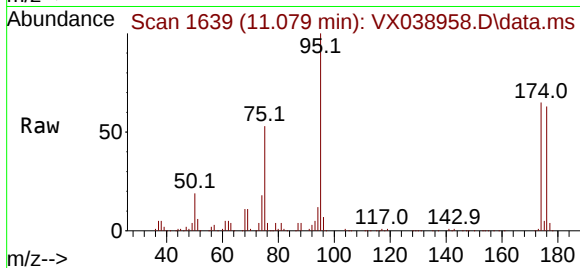




#62
4-Bromofluorobenzene
Concen: 50.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

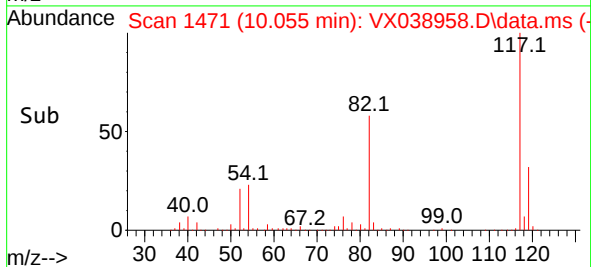
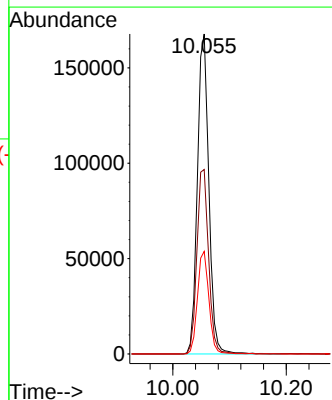
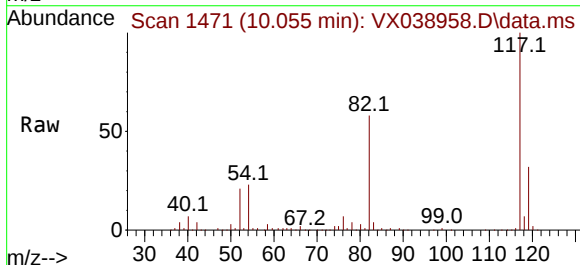
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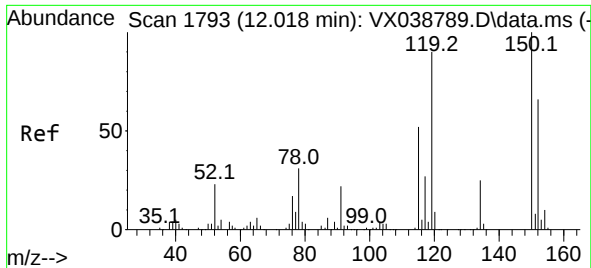
Tgt Ion: 95 Resp: 127326
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.6
176 63.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

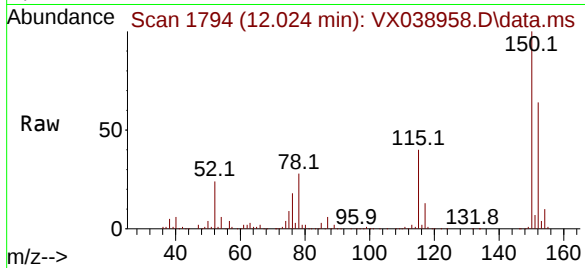
Tgt Ion: 117 Resp: 234548
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038958.D
 Acq: 20 Nov 2023 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20231113



Tgt Ion:152	Resp:	121054	
Ion	Ratio	Lower	Upper
152	100		
115	65.4	43.3	129.9
150	157.4	0.0	345.0

