

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038249.D
 Acq On : 12 Oct 2023 12:15
 Operator : JC/MD
 Sample : 04859-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SVS-GROUNDWATER

Quant Time: Oct 13 04:46:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

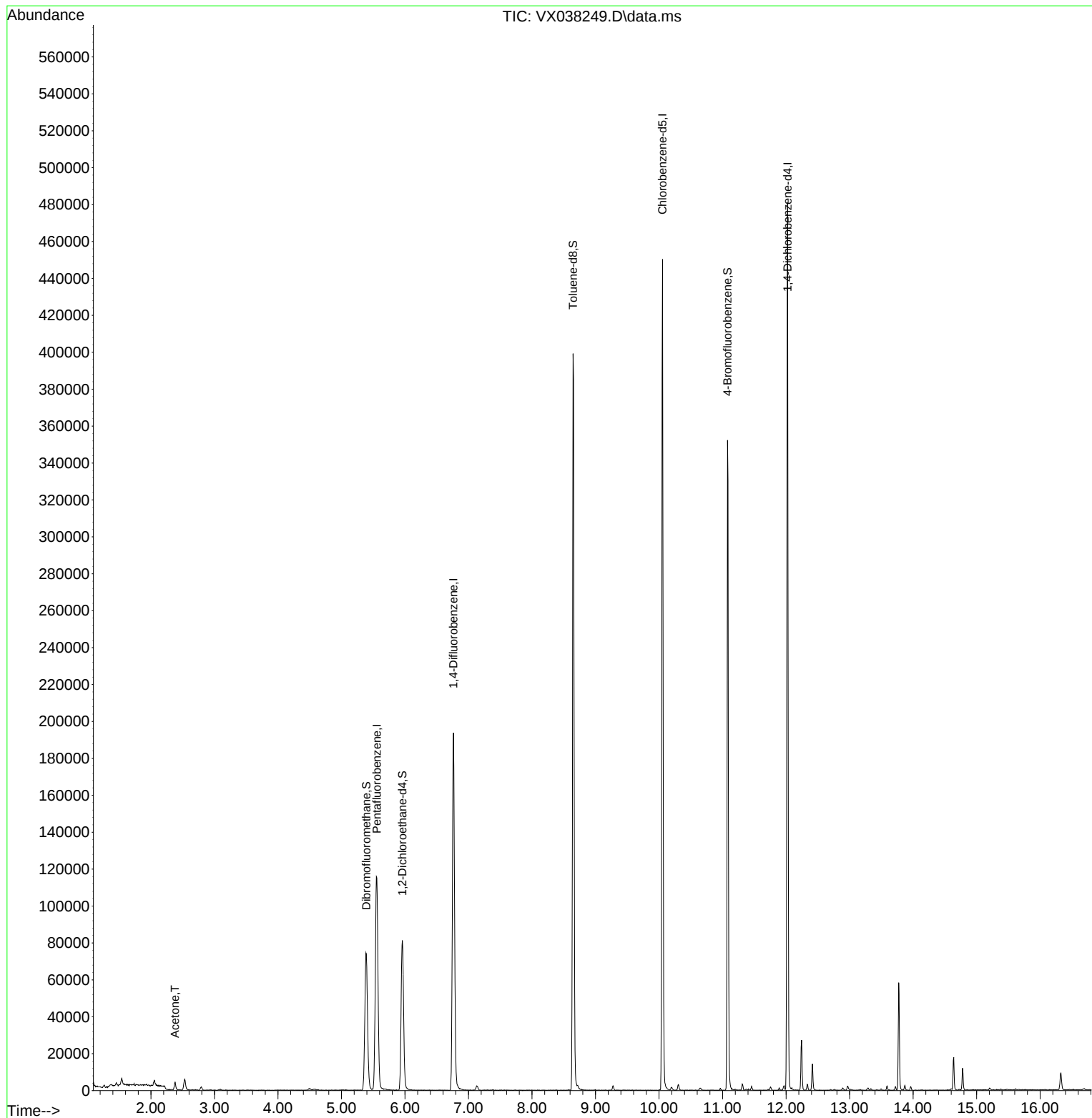
Internal Standards						
1) Pentafluorobenzene	5.556	168	110925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80755	45.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.520%
35) Dibromofluoromethane	5.391	113	64915	46.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	246116	45.838	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.680%#
62) 4-Bromofluorobenzene	11.079	95	91567	44.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.960%
Target Compounds						
16) Acetone	2.380	43	4280	5.748	ug/l	Qvalue # 88

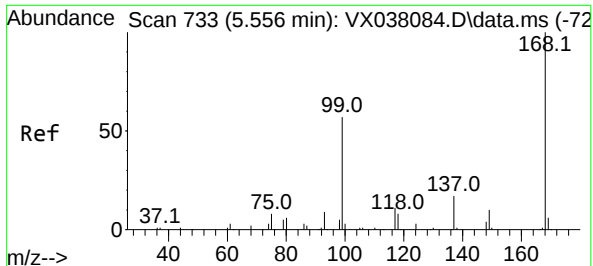
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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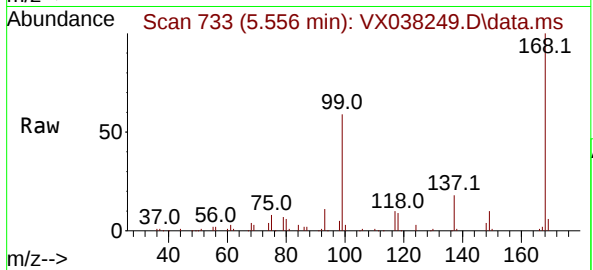
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



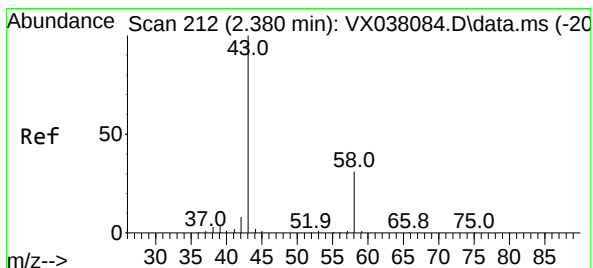
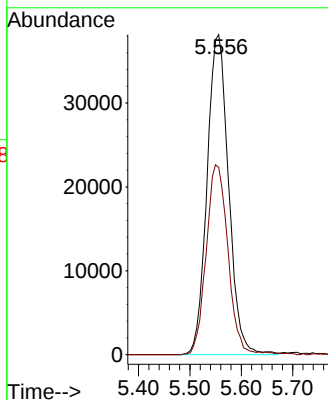
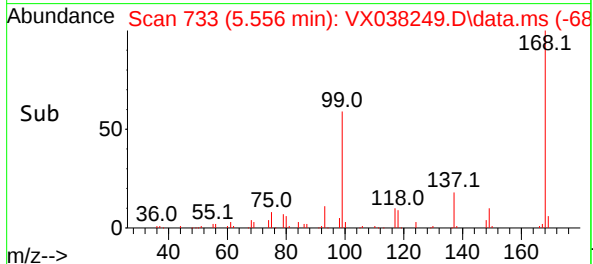


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038249.D
Acq: 12 Oct 2023 12:15

Instrument :
MSVOA_X
ClientSampleId :
SVS-GROUNDWATER

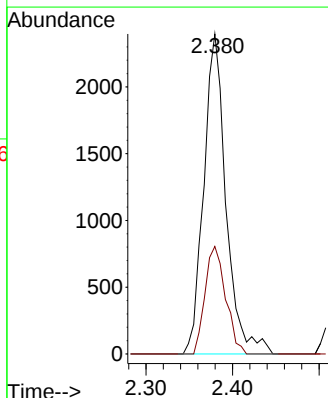
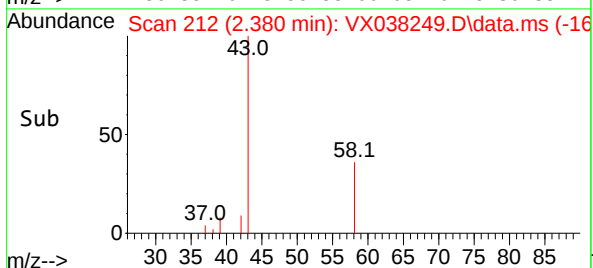
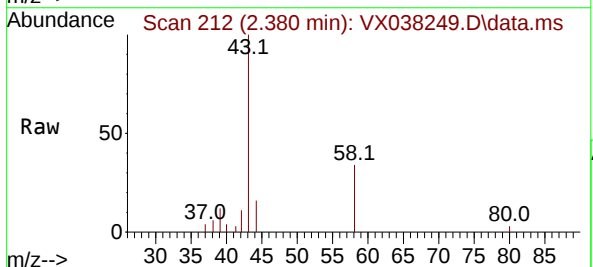


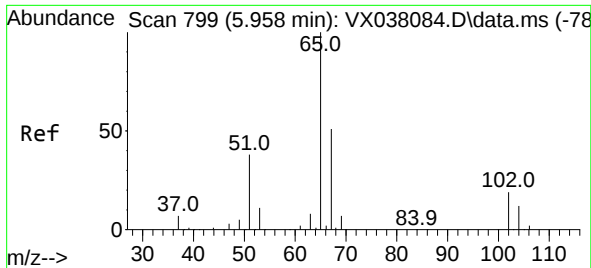
Tgt Ion:168 Resp: 110925
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#16
Acetone
Concen: 5.748 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038249.D
Acq: 12 Oct 2023 12:15

Tgt Ion: 43 Resp: 4280
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#

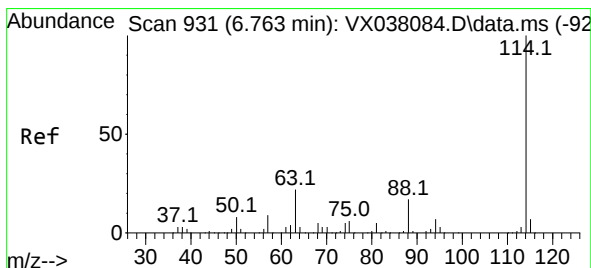
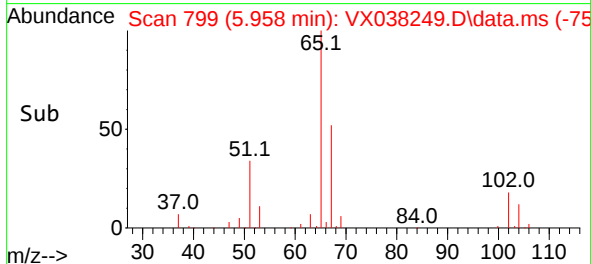
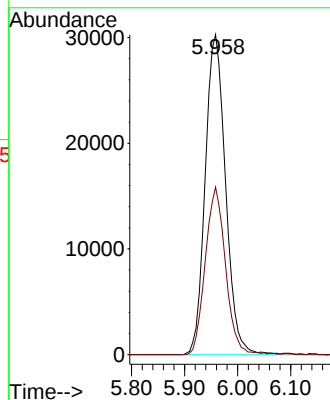
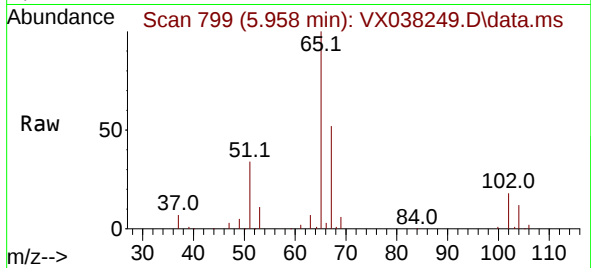




#33
 1,2-Dichloroethane-d4
 Concen: 45.262 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038249.D
 Acq: 12 Oct 2023 12:15

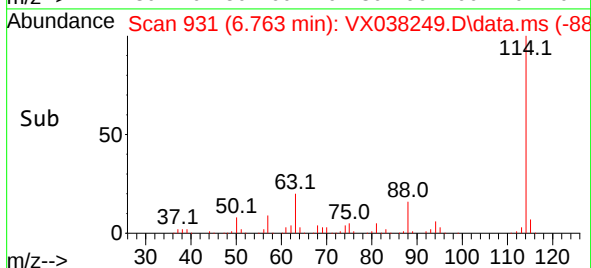
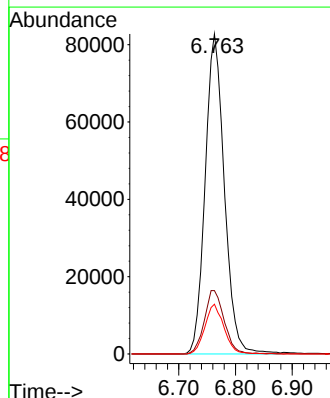
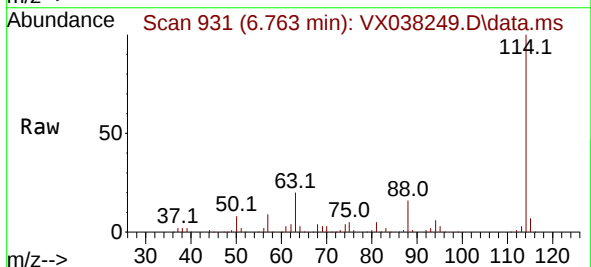
Instrument :
 MSVOA_X
 ClientSampleId :
 SVS-GROUNDWATER

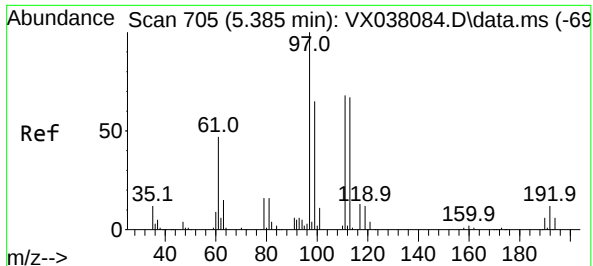
Tgt Ion: 65 Resp: 80755
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038249.D
 Acq: 12 Oct 2023 12:15

Tgt Ion: 114 Resp: 195001
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.199 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038249.D

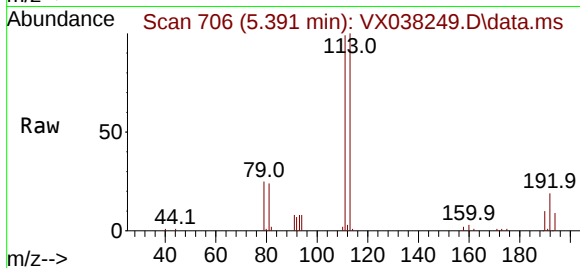
Acq: 12 Oct 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

SVS-GROUNDWATER



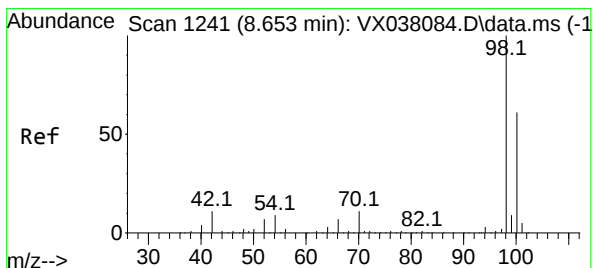
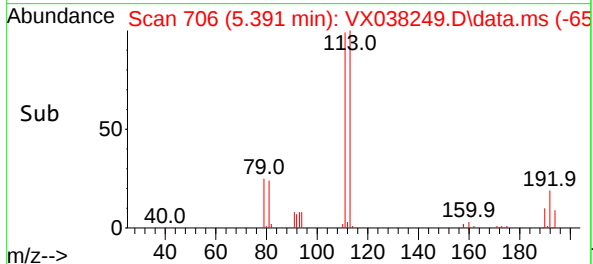
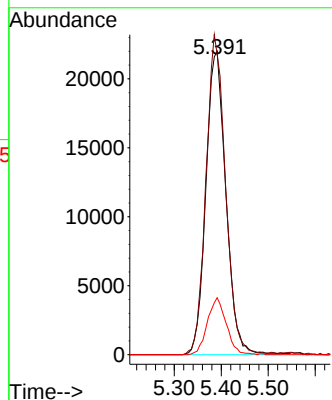
Tgt Ion:113 Resp: 64915

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 17.7 13.3 19.9



#50

Toluene-d8

Concen: 45.838 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038249.D

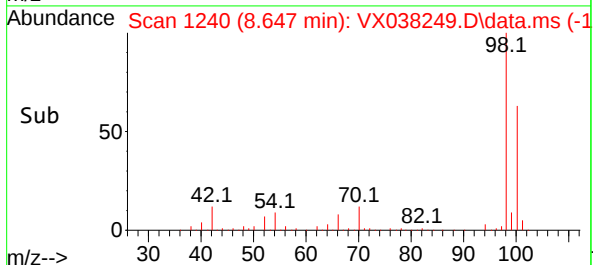
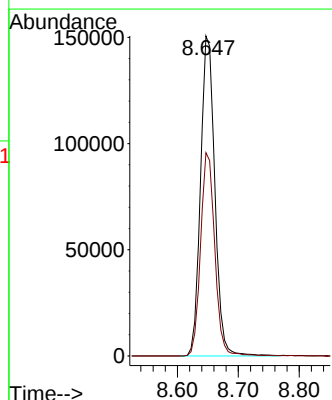
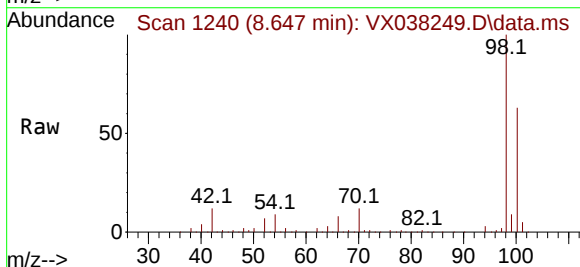
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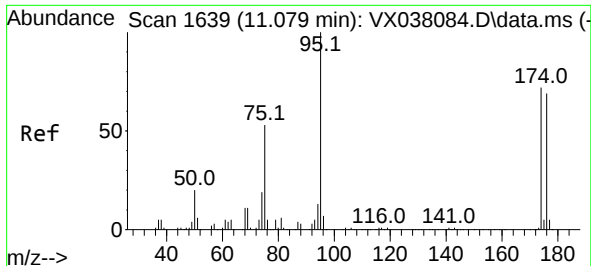
Tgt Ion: 98 Resp: 246116

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

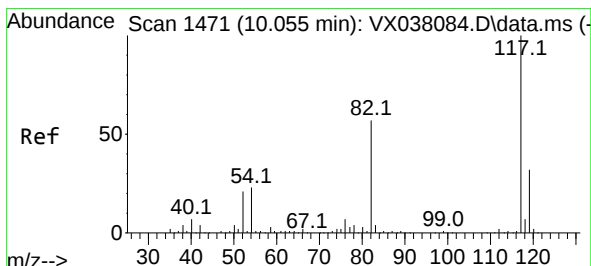
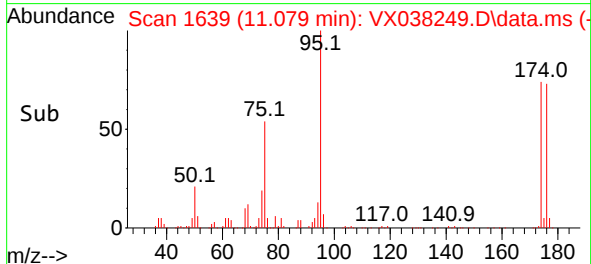
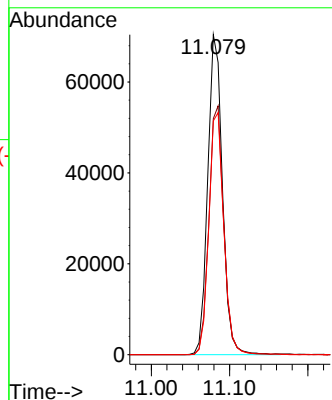
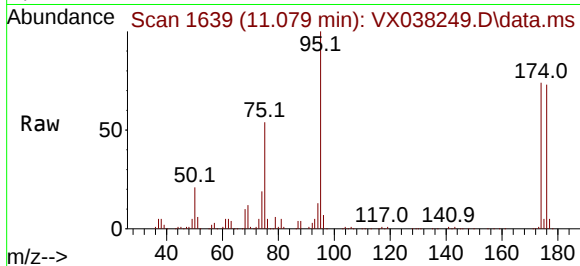




#62
4-Bromofluorobenzene
Concen: 44.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038249.D
Acq: 12 Oct 2023 12:15

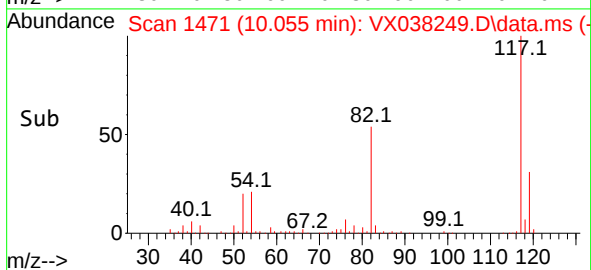
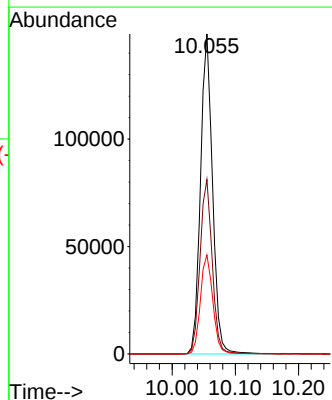
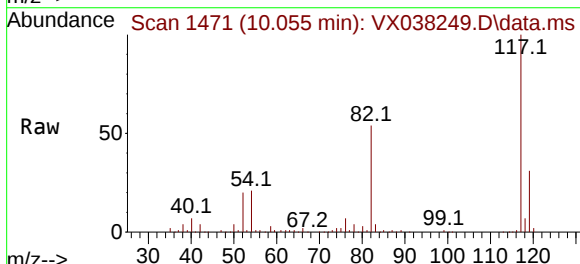
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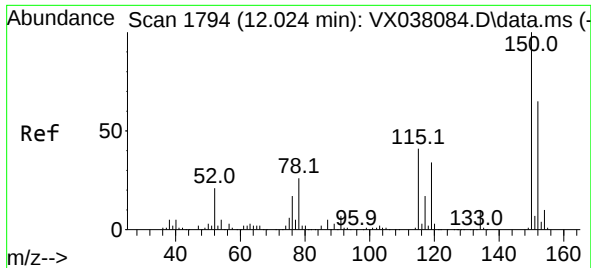
Tgt Ion: 95 Resp: 91567
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 76.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038249.D
Acq: 12 Oct 2023 12:15

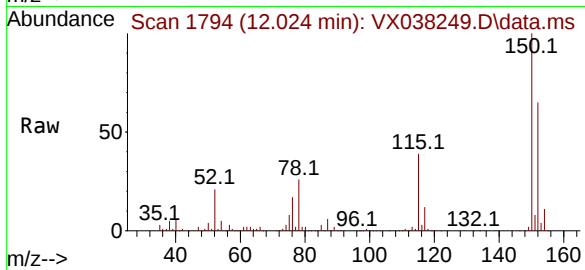
Tgt Ion: 117 Resp: 197253
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 30.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038249.D
 Acq: 12 Oct 2023 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 97556
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.3 129.9
 150 157.9 0.0 345.0

