

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038139.D
 Acq On : 06 Oct 2023 18:28
 Operator : JC/MD
 Sample : 04778-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NBS-GROUNDWATER

Quant Time: Oct 07 04:24:11 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)

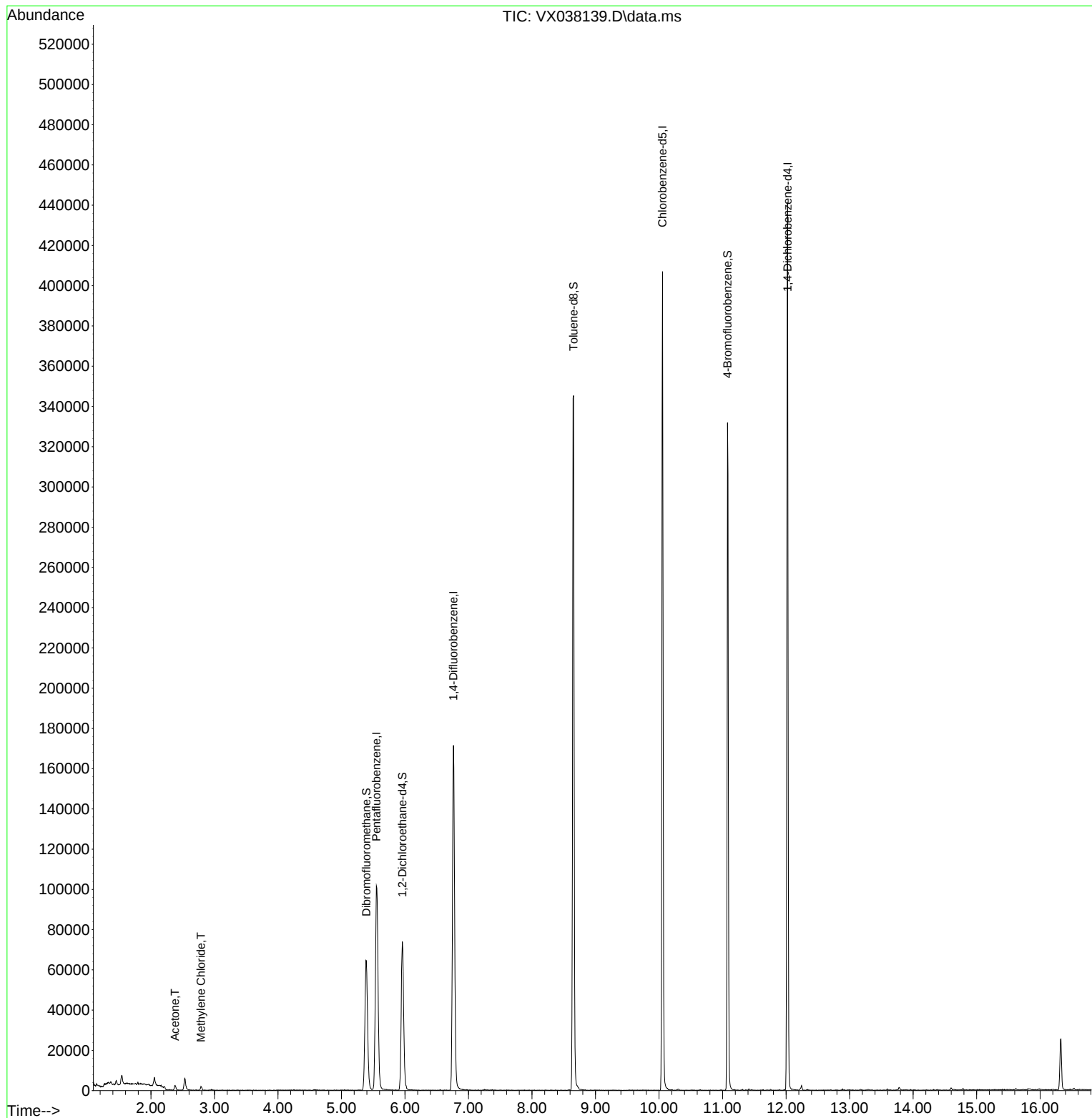
Internal Standards						
1) Pentafluorobenzene	5.550	168	95412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71935	46.874	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.740%
35) Dibromofluoromethane	5.391	113	55444	44.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.653	98	218885	45.637	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.280%#
62) 4-Bromofluorobenzene	11.079	95	83002	45.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2583	4.033	ug/l	99
20) Methylene Chloride	2.788	84	758	0.629	ug/l	87

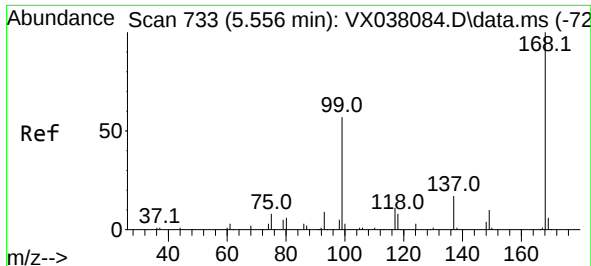
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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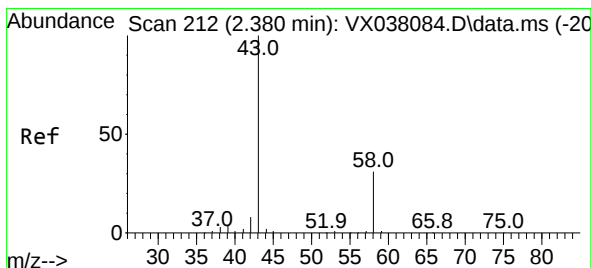
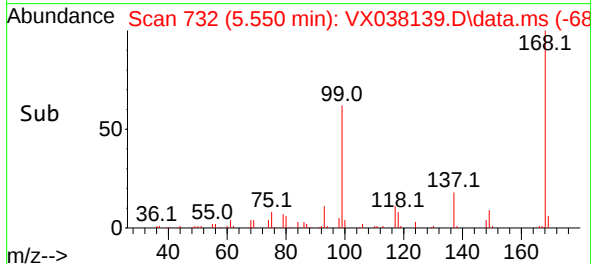
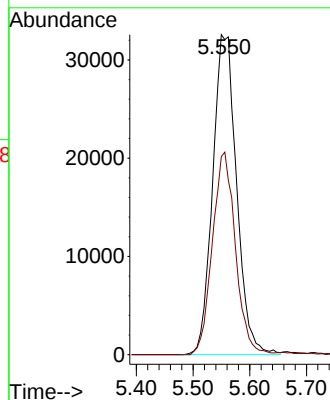
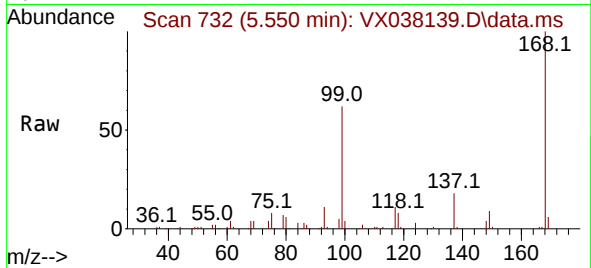




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

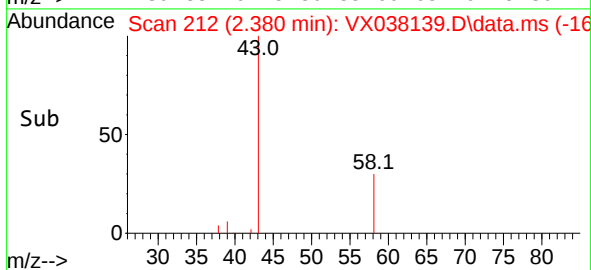
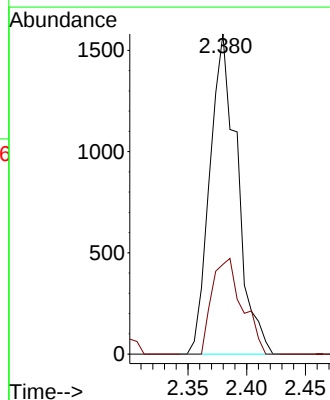
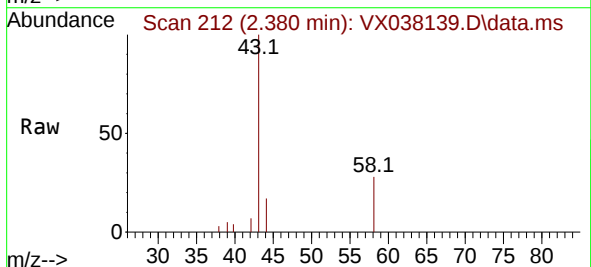
Instrument :
MSVOA_X
ClientSampleId :
NBS-GROUNDWATER

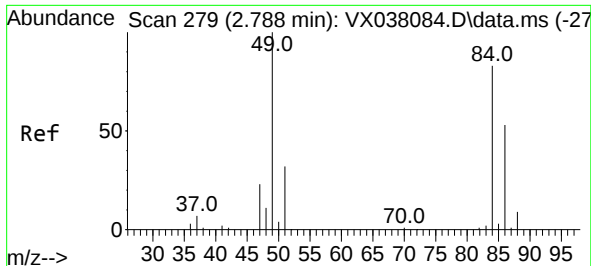
Tgt Ion:168 Resp: 95412
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#16
Acetone
Concen: 4.033 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

Tgt Ion: 43 Resp: 2583
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9

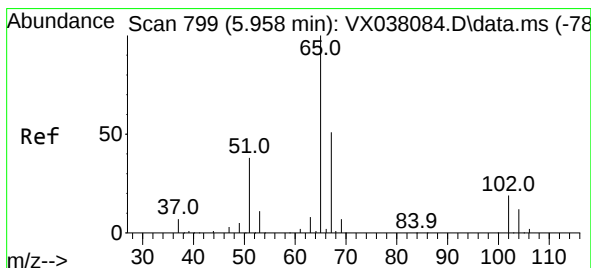
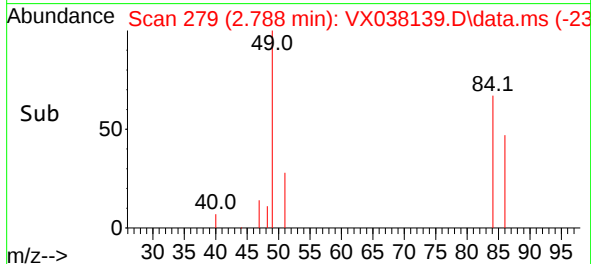
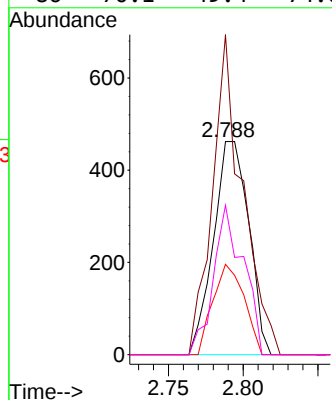
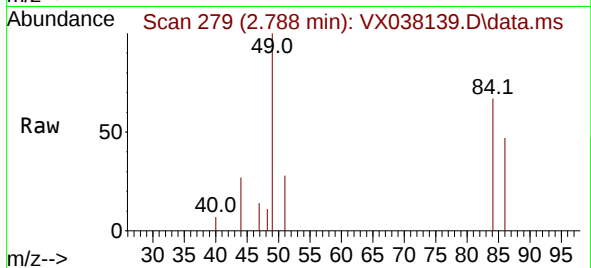




#20
Methylene Chloride
Concen: 0.629 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

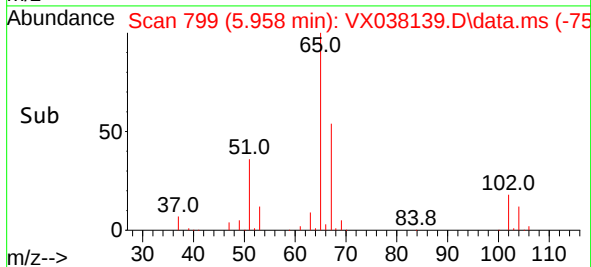
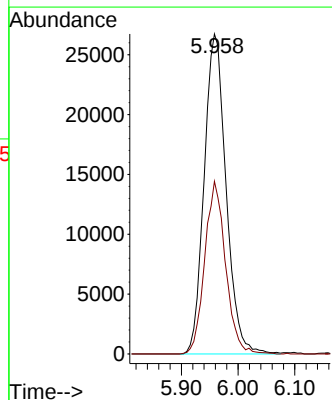
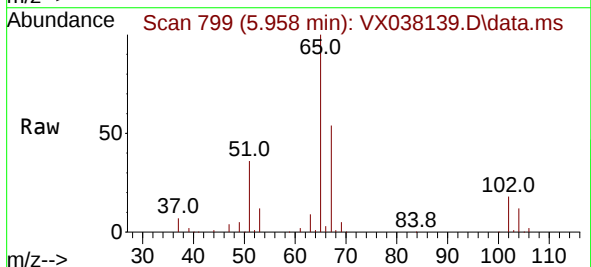
Instrument :
MSVOA_X
ClientSampleId :
NBS-GROUNDWATER

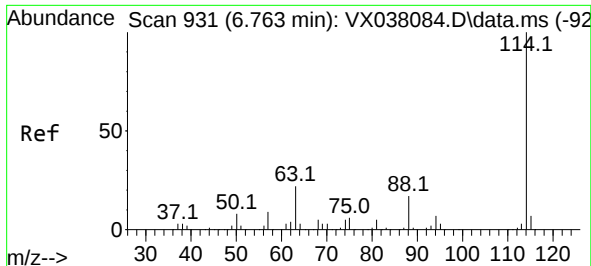
Tgt Ion: 84	Resp: 758
Ion Ratio	Lower Upper
84 100	
49 150.2	103.6 155.4
51 42.4	33.8 50.6
86 70.1	49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 46.874 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

Tgt Ion: 65	Resp: 71935
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 100.2

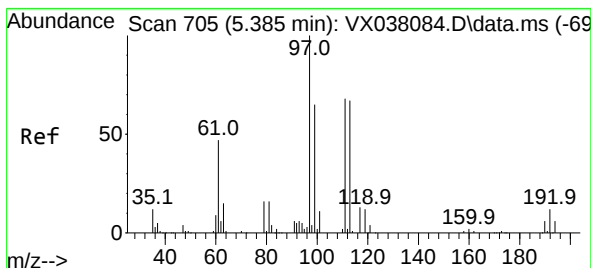
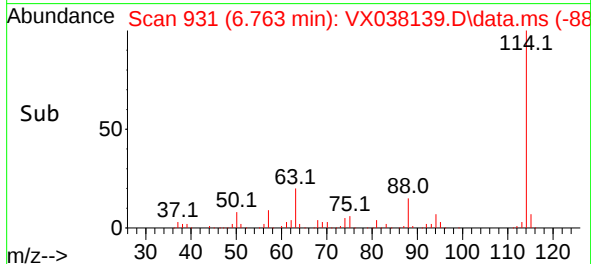
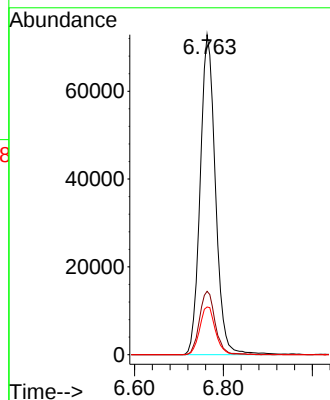
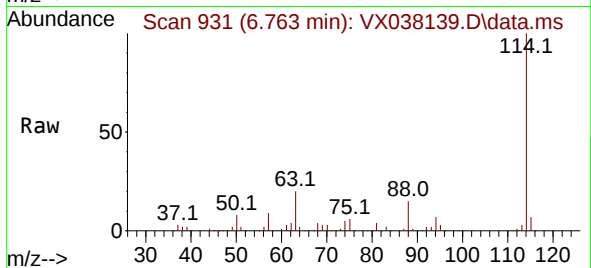




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

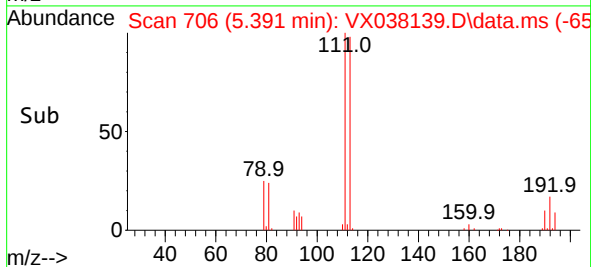
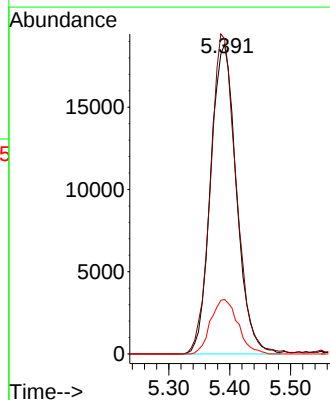
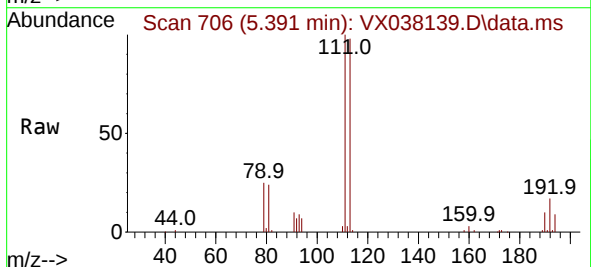
Instrument :
MSVOA_X
ClientSampleId :
NBS-GROUNDWATER

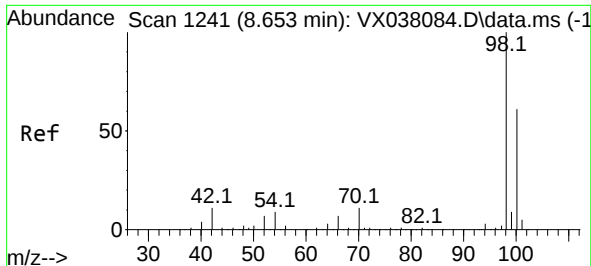
Tgt Ion:114 Resp: 174189
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.174 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

Tgt Ion:113 Resp: 55444
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.5 13.3 19.9

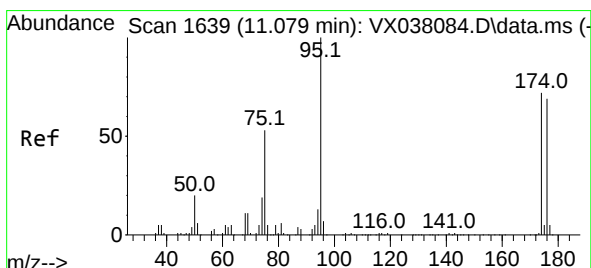
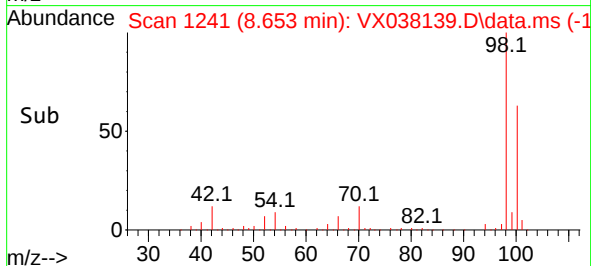
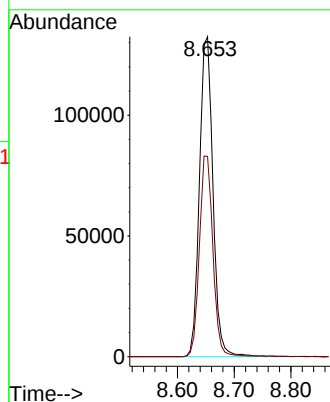
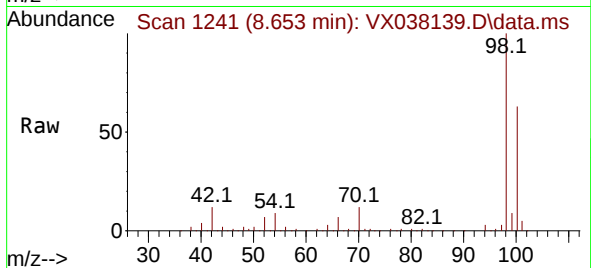




#50
Toluene-d8
Concen: 45.637 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

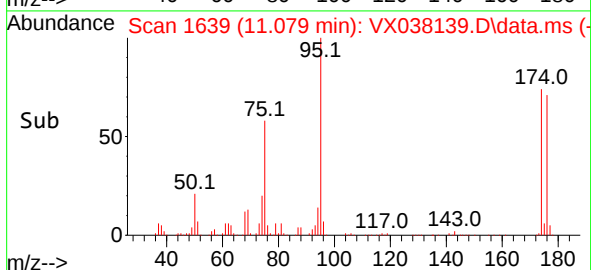
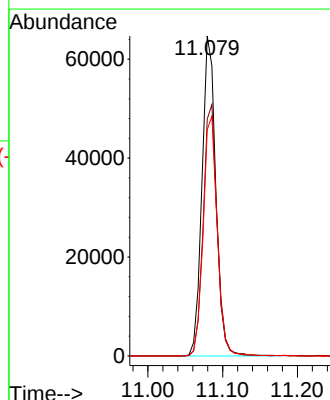
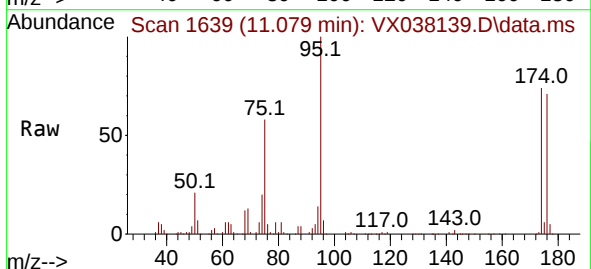
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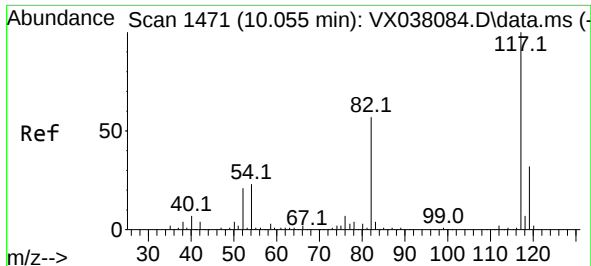
Tgt Ion: 98 Resp: 218885
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

Tgt Ion: 95 Resp: 83002
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 76.0 0.0 131.0

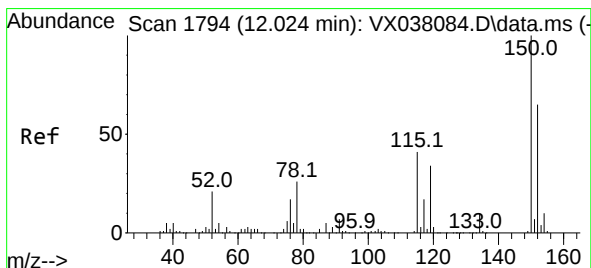
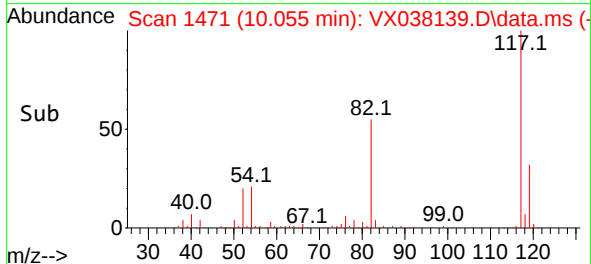
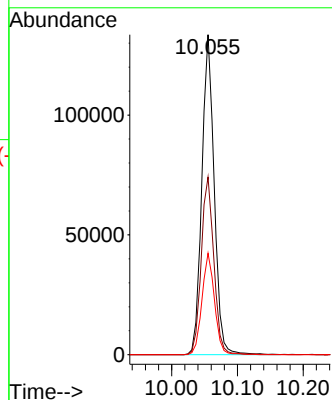
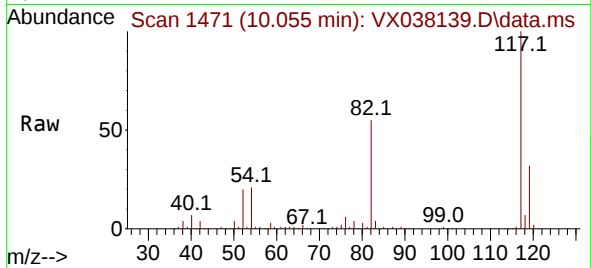




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038139.D
Acq: 06 Oct 2023 18:28

Instrument :
MSVOA_X
ClientSampleId :
NBS-GROUNDWATER

Tgt Ion:117 Resp: 174441
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.7 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: VX038139.D
Acq: 06 Oct 2023 18:28

Tgt Ion:152 Resp: 90503
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 157.7 0.0 345.0

