

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038355.D
 Acq On : 18 Oct 2023 12:20
 Operator : JC/MD
 Sample : 04936-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1027

Quant Time: Oct 19 01:38:41 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)

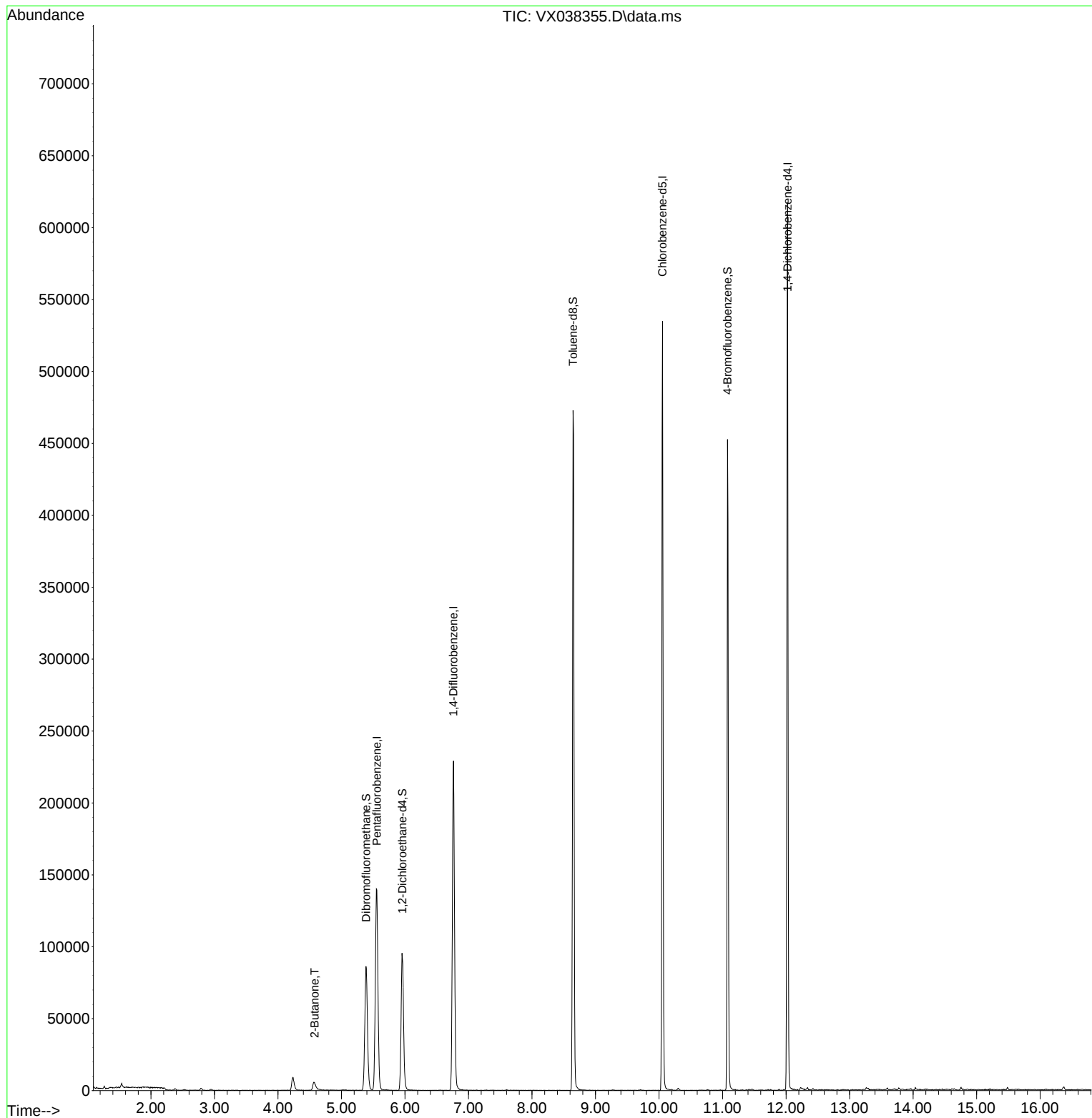
Internal Standards						
1) Pentafluorobenzene	5.556	168	132359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	232591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90937	42.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.440%
35) Dibromofluoromethane	5.385	113	74168	44.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.500%
50) Toluene-d8	8.647	98	291166	45.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.920%#
62) 4-Bromofluorobenzene	11.079	95	113576	46.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
25) 2-Butanone	4.574	43	6369	4.443	ug/l	Qvalue 100

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

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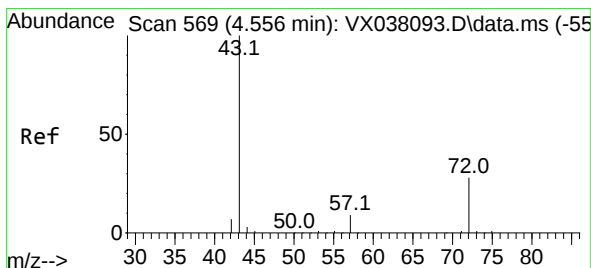
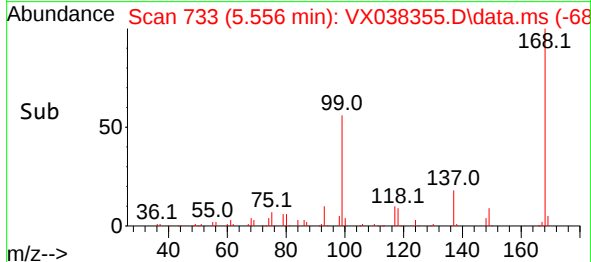
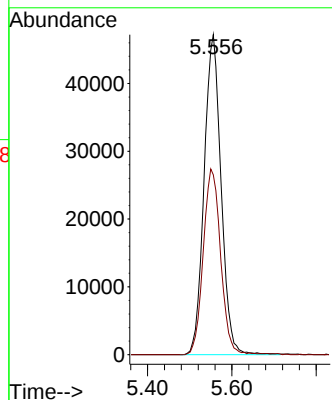
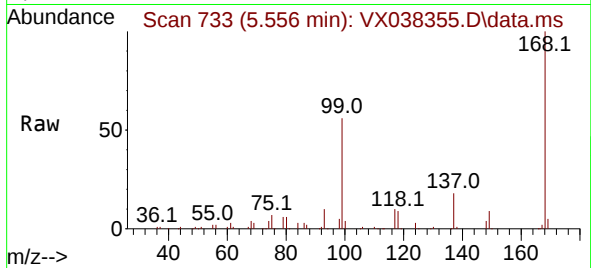




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

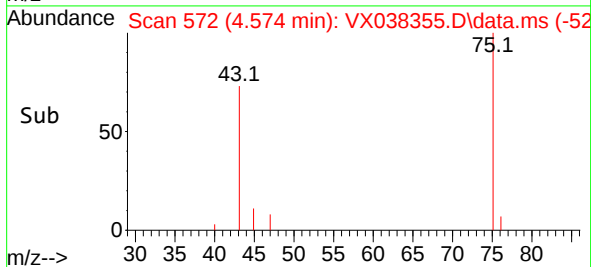
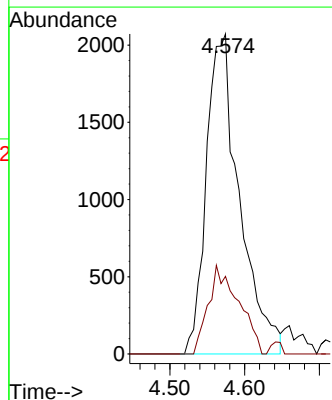
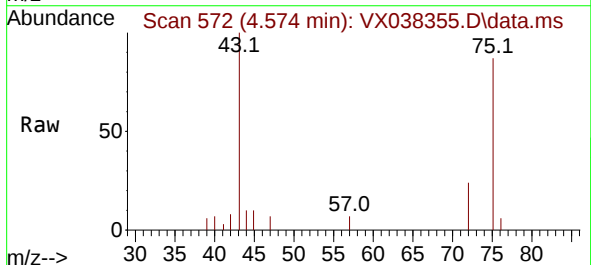
Instrument :
MSVOA_X
ClientSampleId :
1027

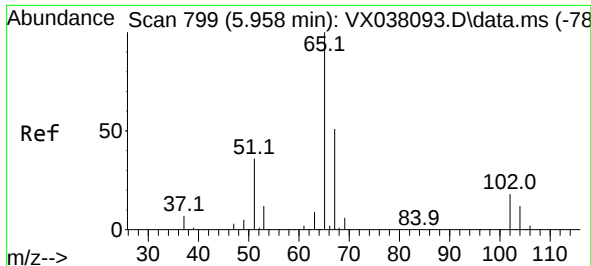
Tgt Ion:168 Resp: 132359
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#25
2-Butanone
Concen: 4.443 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 43 Resp: 6369
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

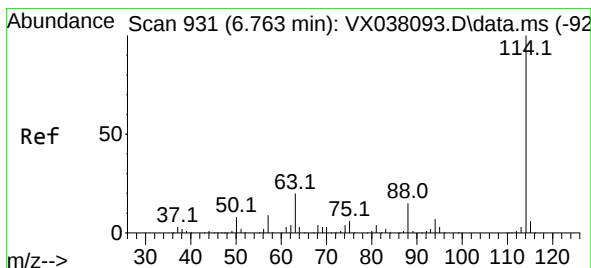
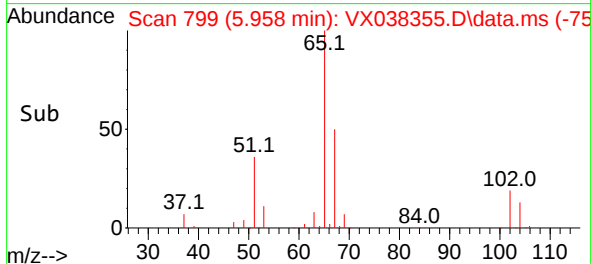
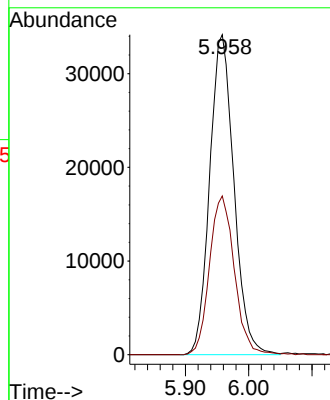
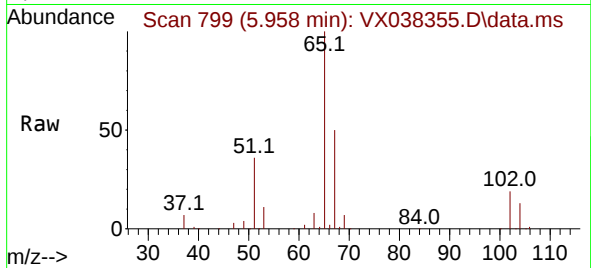




#33
1,2-Dichloroethane-d4
Concen: 42.715 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

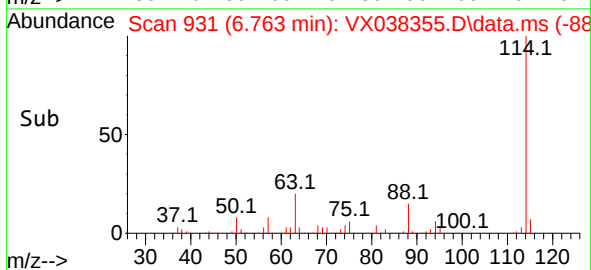
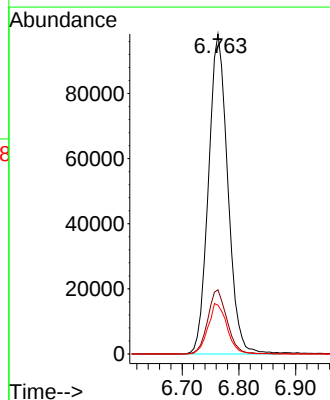
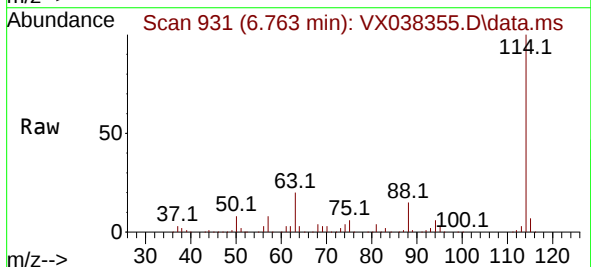
Instrument :
MSVOA_X
ClientSampleId :
1027

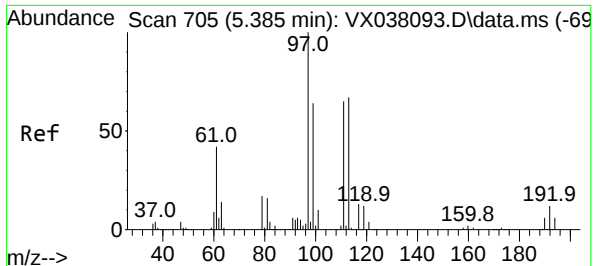
Tgt Ion: 65 Resp: 90937
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 114 Resp: 232591
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.3 0.0 36.6

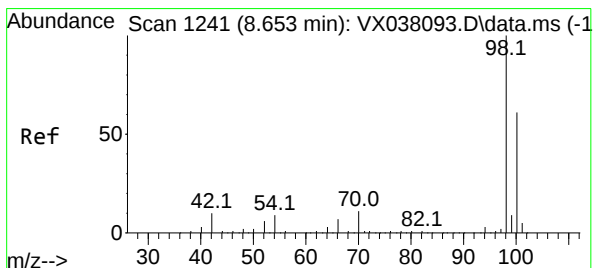
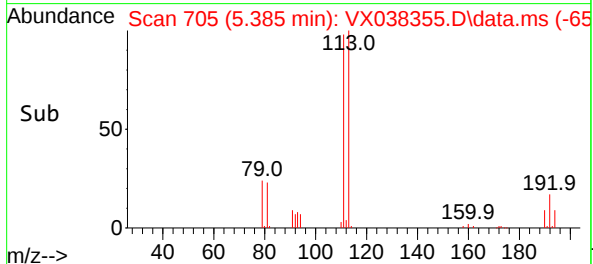
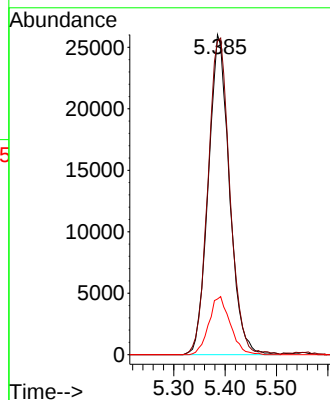
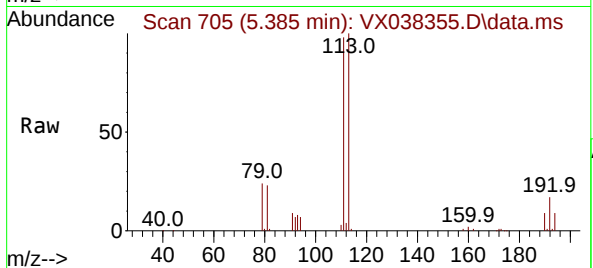




#35
Dibromofluoromethane
Concen: 44.254 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

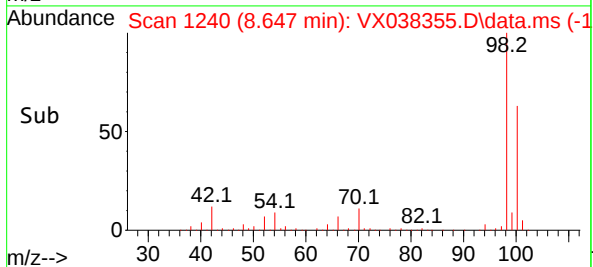
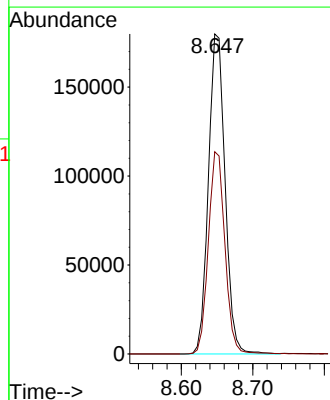
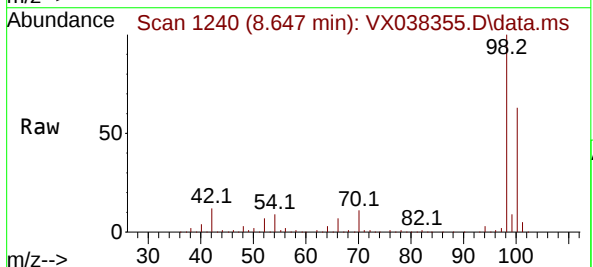
Instrument :
MSVOA_X
ClientSampleId :
1027

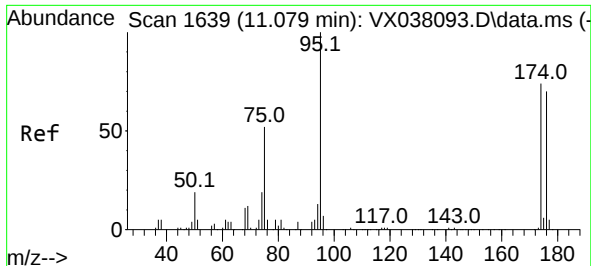
Tgt Ion:113 Resp: 74168
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.4 13.3 19.9



#50
Toluene-d8
Concen: 45.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 98 Resp: 291166
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

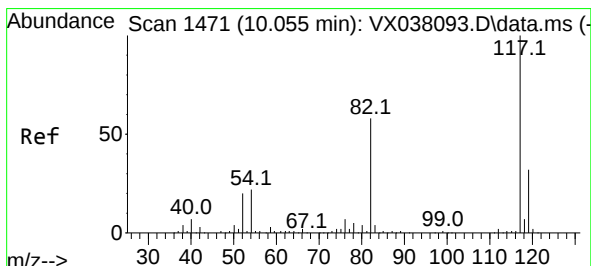
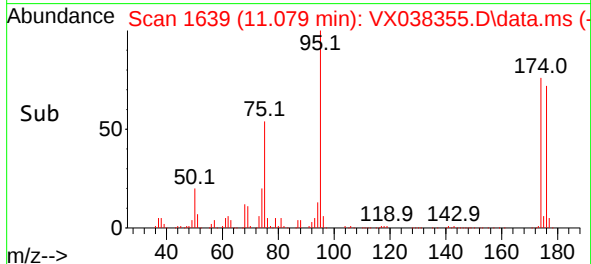
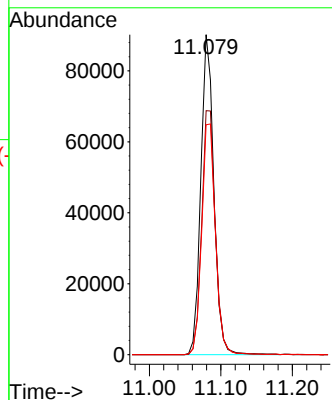
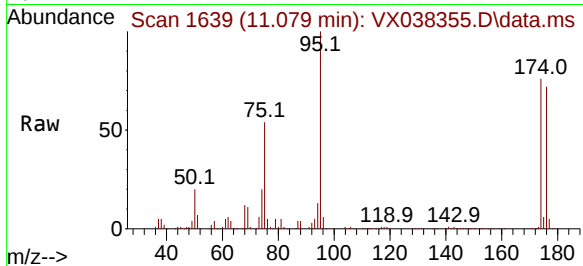




#62
4-Bromofluorobenzene
Concen: 46.779 ug/l
RT: 11.079 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

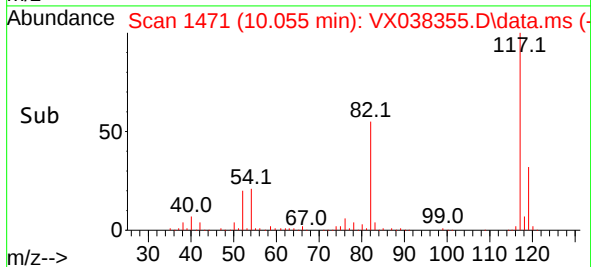
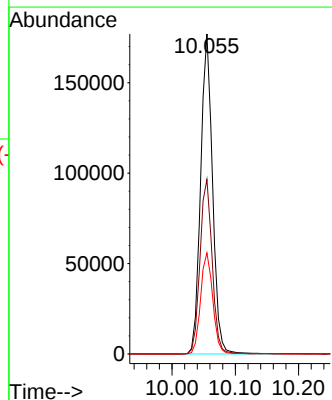
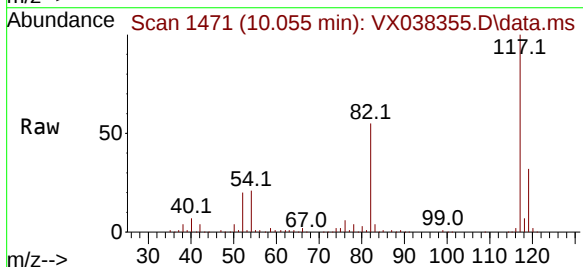
Instrument :
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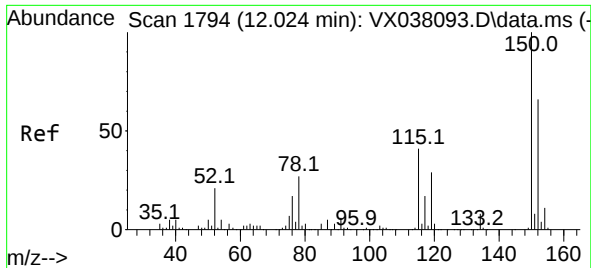
Tgt Ion: 95 Resp: 113576
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 76.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

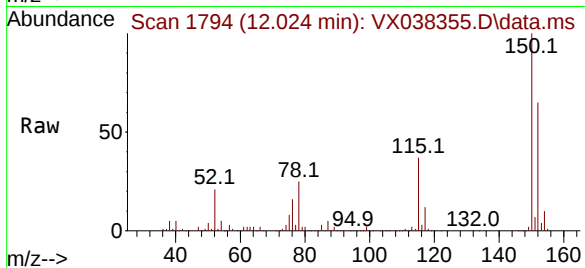
Tgt Ion: 117 Resp: 232350
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038355.D
 Acq: 18 Oct 2023 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 1027



Tgt Ion:152 Resp: 124184
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 156.9 0.0 345.0

