

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039162.D
 Acq On : 12 Dec 2023 13:53
 Operator : JC/MD
 Sample : 05691-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A3909DL

Quant Time: Dec 13 04:15:54 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)

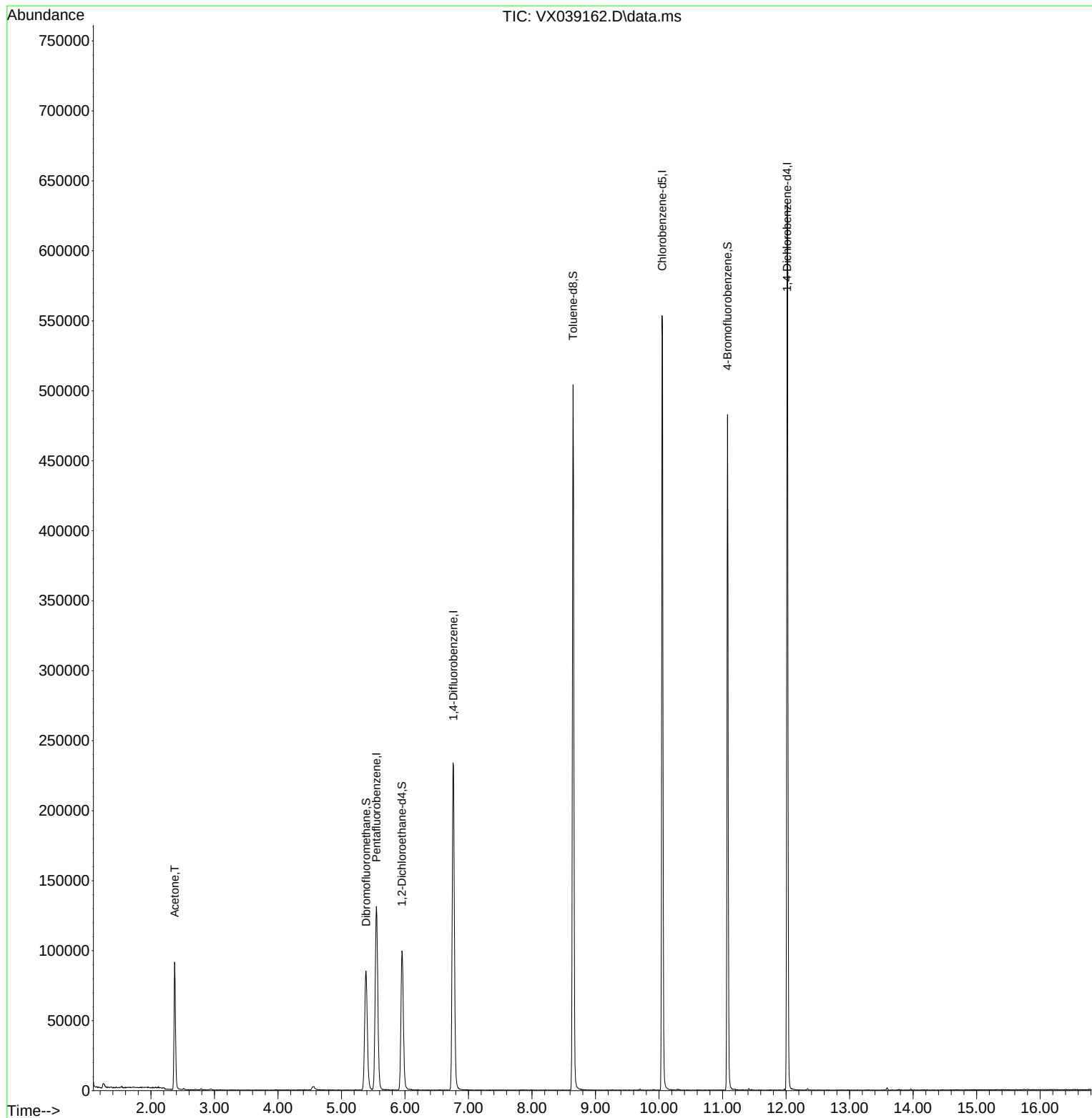
Internal Standards						
1) Pentafluorobenzene	5.550	168	112011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	239581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	119860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97376	53.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.900%
35) Dibromofluoromethane	5.385	113	75203	44.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.647	98	291314	45.425	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.840%#
62) 4-Bromofluorobenzene	11.079	95	133333	51.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%
Target Compounds						
16) Acetone	2.374	43	94659	98.520	ug/l	Qvalue 94

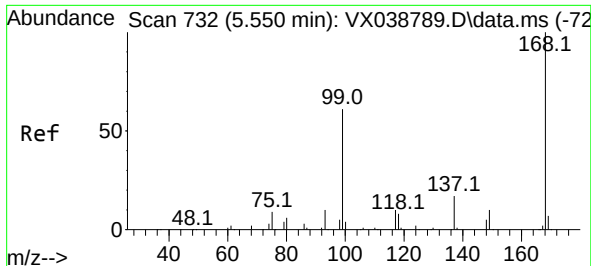
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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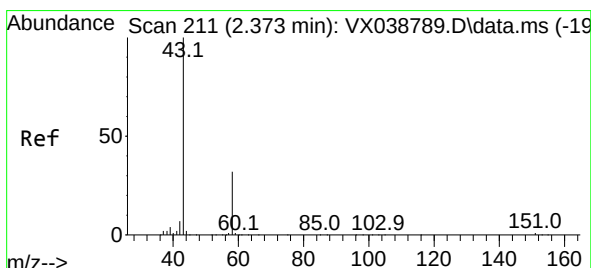
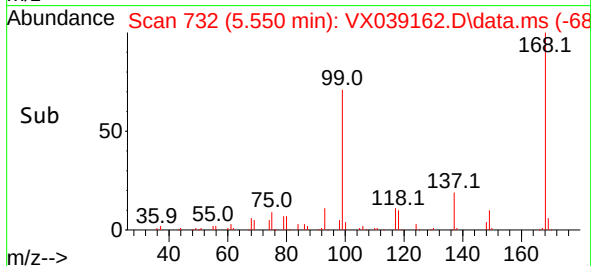
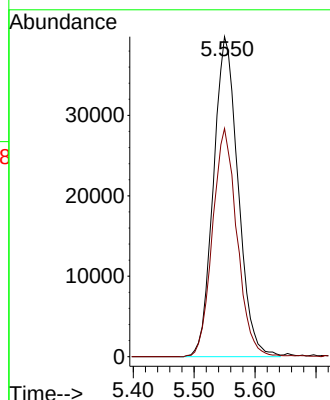
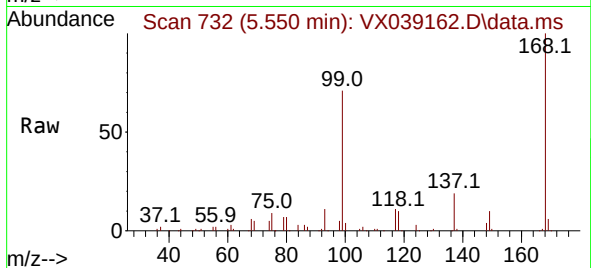




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

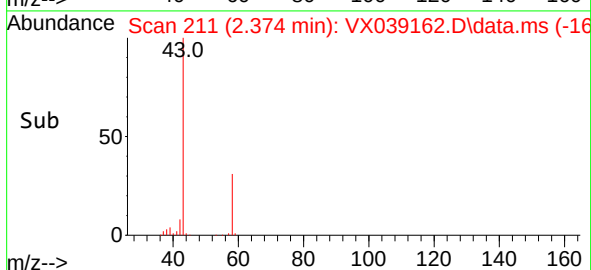
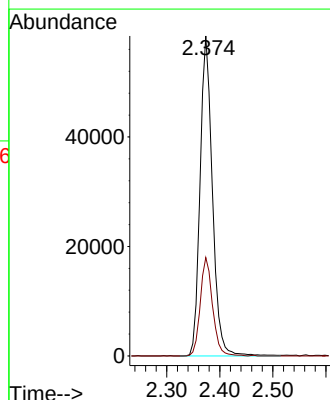
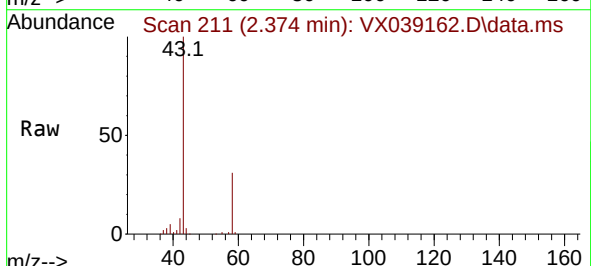
Instrument :
MSVOA_X
ClientSampleId :
A3909DL

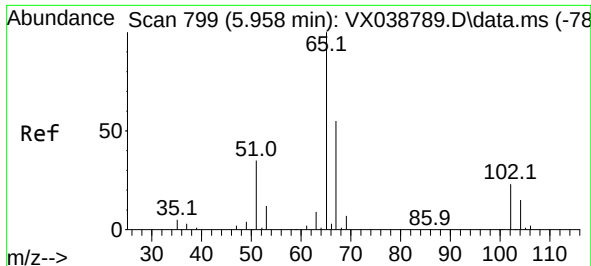
Tgt Ion:168 Resp: 112011
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#16
Acetone
Concen: 98.520 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 43 Resp: 94659
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9

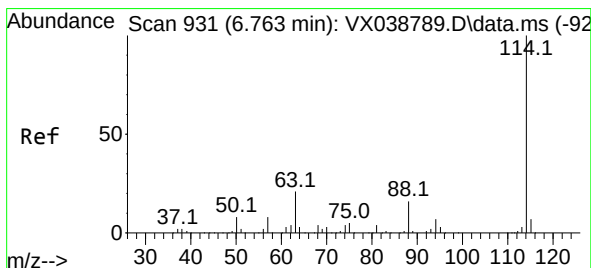
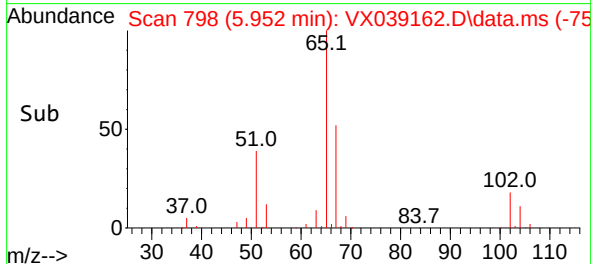
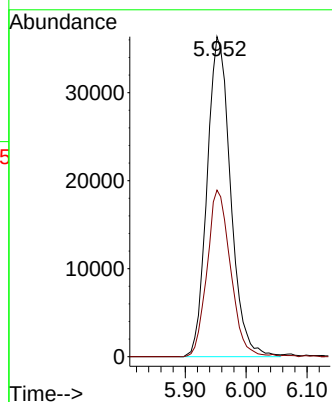
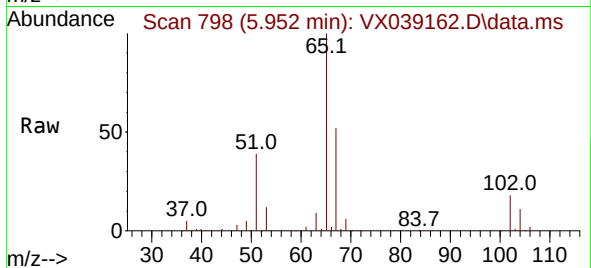




#33
 1,2-Dichloroethane-d4
 Concen: 53.951 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX039162.D
 Acq: 12 Dec 2023 13:53

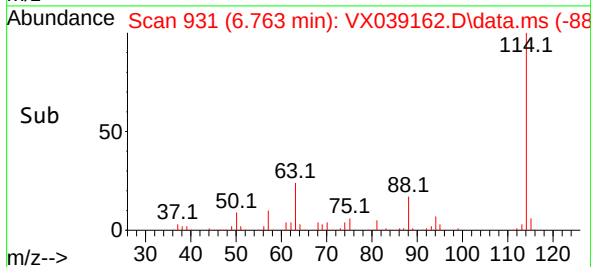
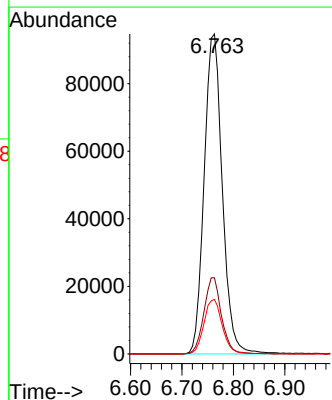
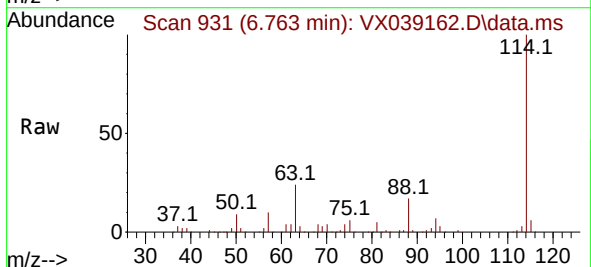
Instrument :
 MSVOA_X
 ClientSampleId :
 A3909DL

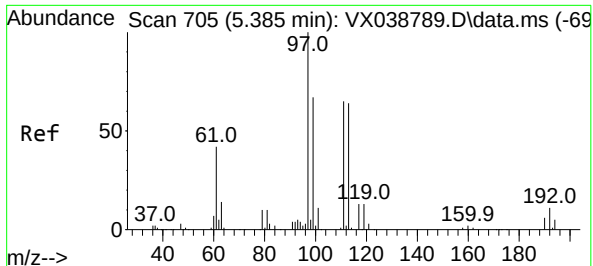
Tgt Ion: 65 Resp: 97376
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039162.D
 Acq: 12 Dec 2023 13:53

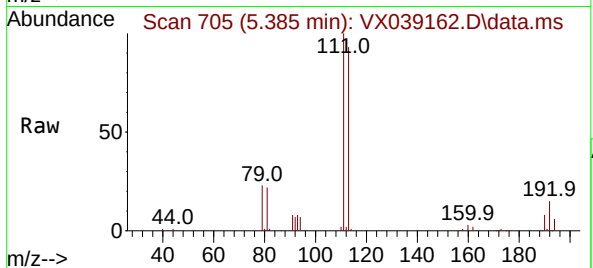
Tgt Ion: 114 Resp: 232084
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.0
 88 17.1 0.0 36.6



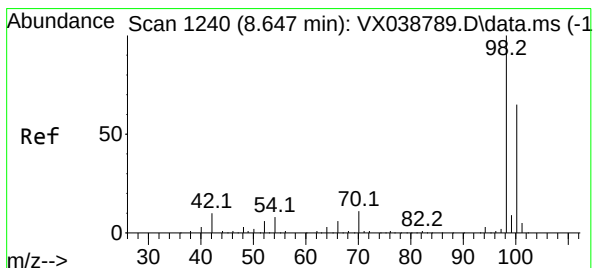
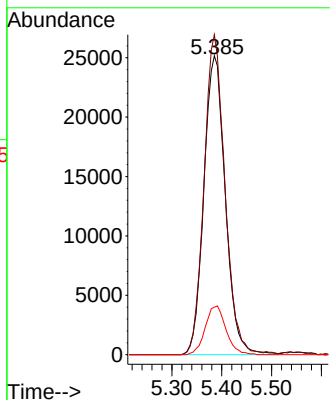
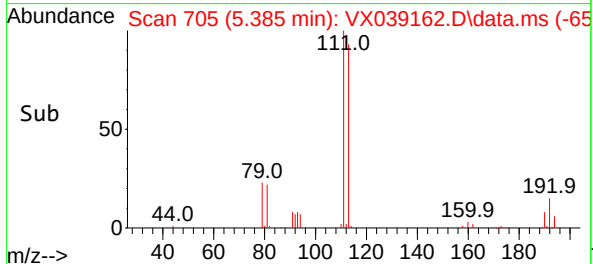


#35
Dibromofluoromethane
Concen: 44.866 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :
A3909DL

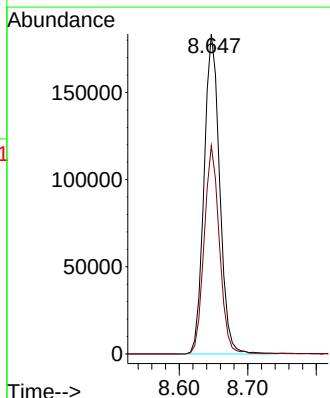
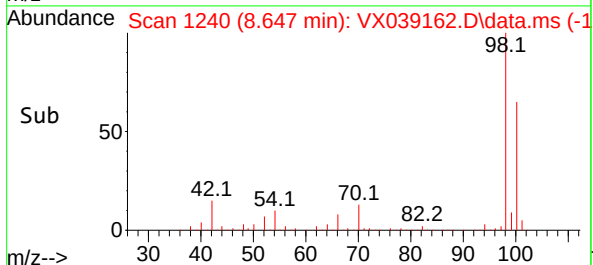
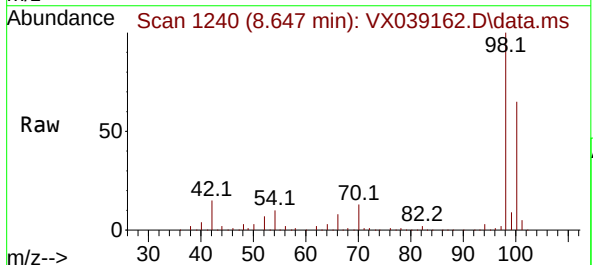


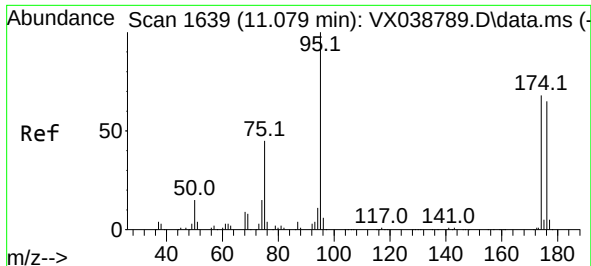
Tgt Ion:113 Resp: 75203
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.8 13.3 19.9



#50
Toluene-d8
Concen: 45.425 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

Tgt Ion: 98 Resp: 291314
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

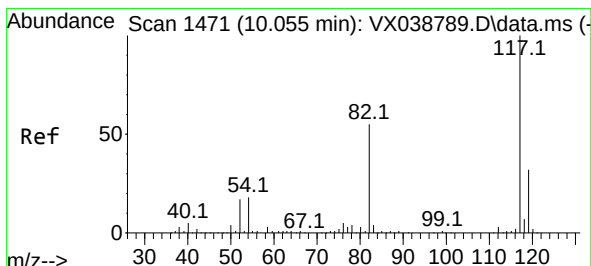
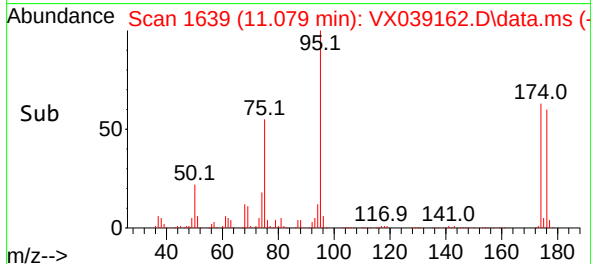
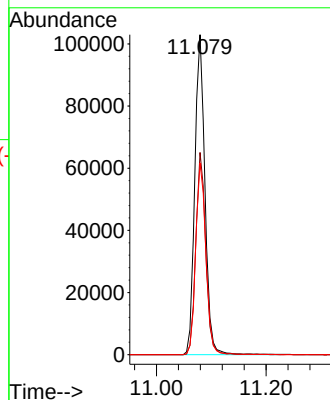
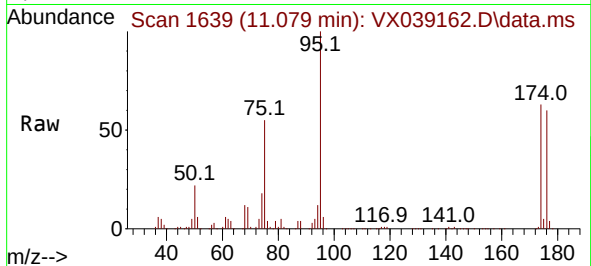




#62
4-Bromofluorobenzene
Concen: 51.937 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

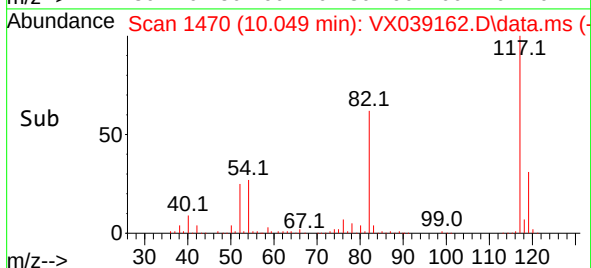
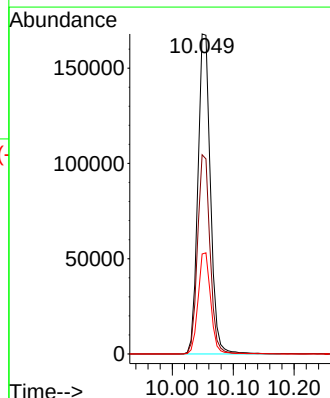
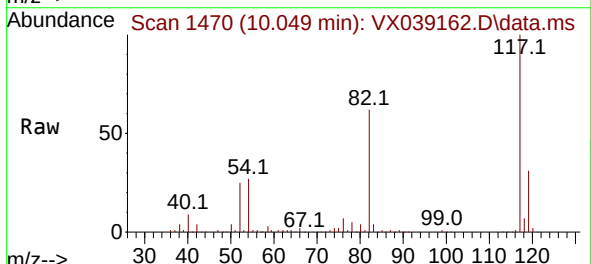
Instrument :
MSVOA_X
ClientSampleId :
A3909DL

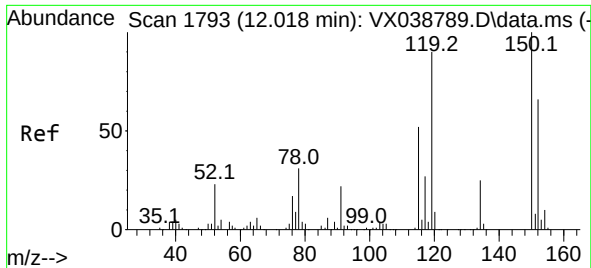
Tgt Ion: 95 Resp: 133333
Ion Ratio Lower Upper
95 100
174 61.6 0.0 135.6
176 60.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039162.D
Acq: 12 Dec 2023 13:53

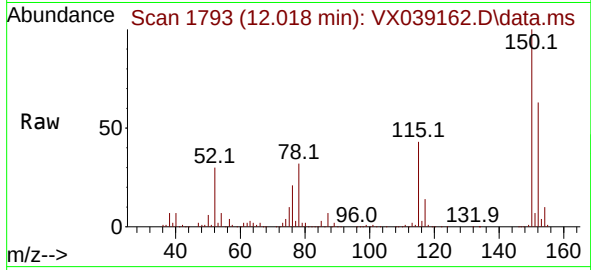
Tgt Ion: 117 Resp: 239581
Ion Ratio Lower Upper
117 100
82 62.3 46.2 69.4
119 31.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039162.D
 Acq: 12 Dec 2023 13:53

Instrument :
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 ClientSampleId :
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Tgt Ion:152	Resp:	119860	
Ion	Ratio	Lower	Upper
152	100		
115	67.4	43.3	129.9
150	157.3	0.0	345.0

