

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036877.D
 Acq On : 08 Aug 2023 20:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 09 04:21:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

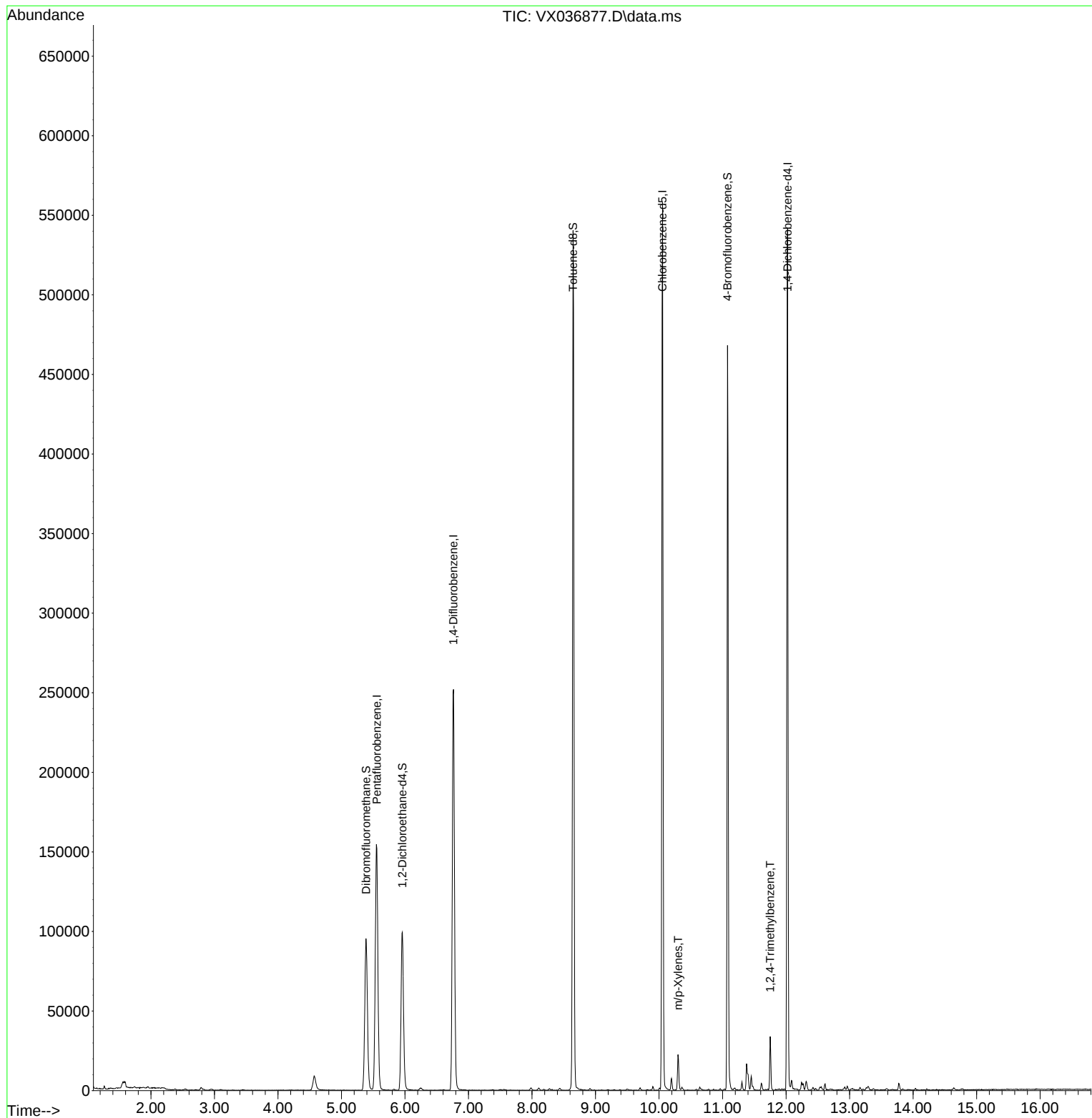
Internal Standards						
1) Pentafluorobenzene	5.556	168	142365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99309	47.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.280%		
35) Dibromofluoromethane	5.385	113	84225	46.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	316569	49.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	123207	50.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.180%		
Target Compounds						
68) m/p-Xylenes	10.299	106	5157	1.373	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	14320	1.823	ug/l	97

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

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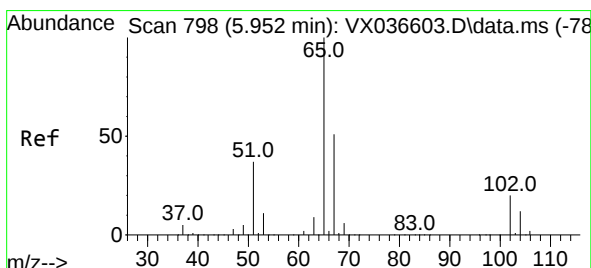
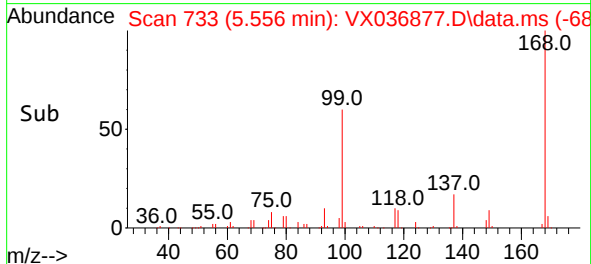
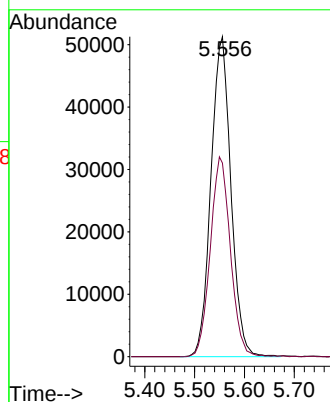
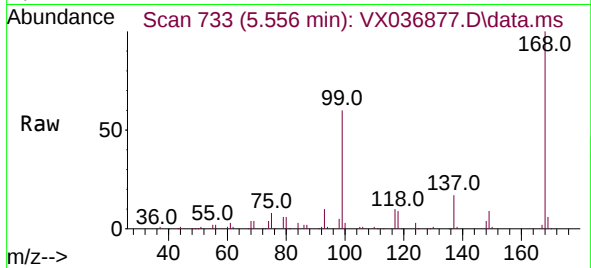




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

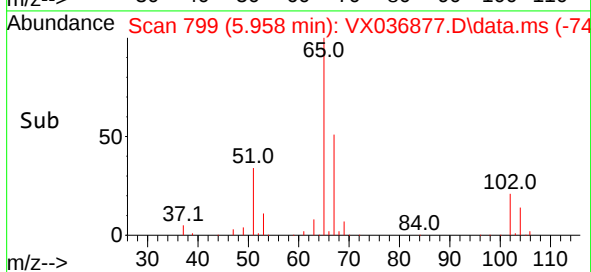
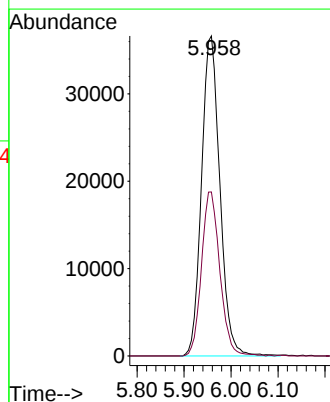
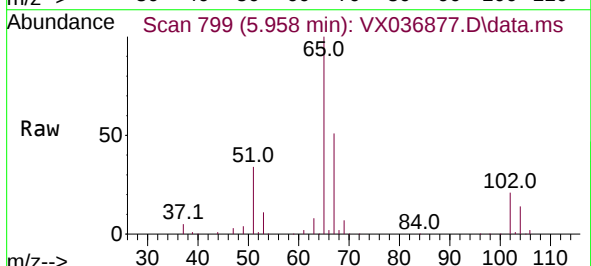
Instrument :
MSVOA_X
ClientSampleId :
IBLK

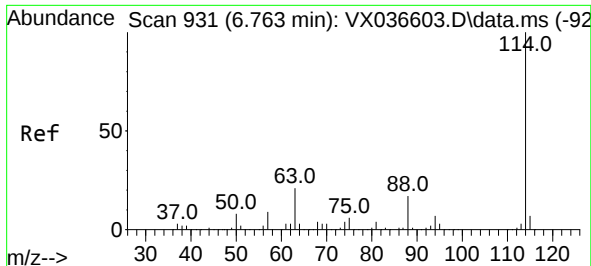
Tgt Ion:168 Resp: 142365
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 65 Resp: 99309
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

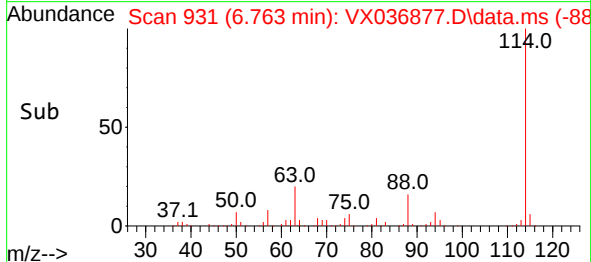
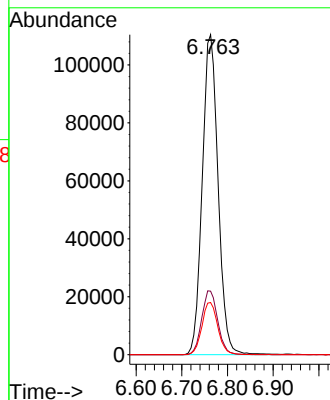
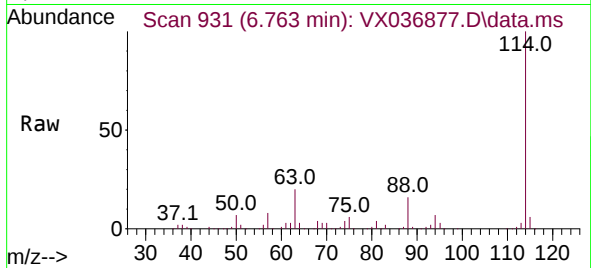




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

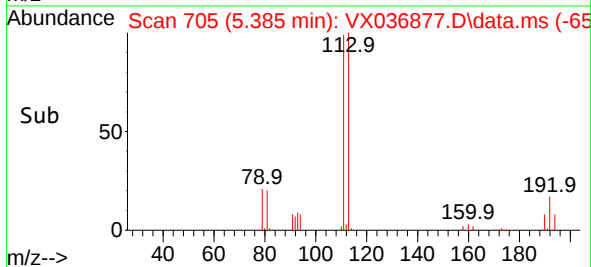
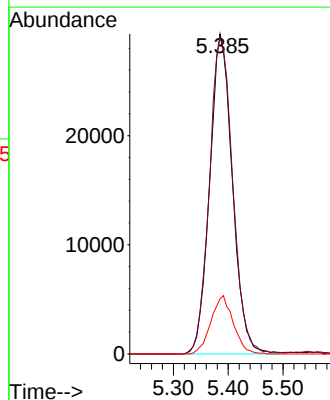
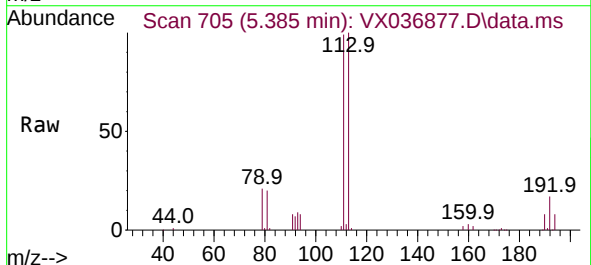
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 264811
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion:113 Resp: 84225
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.9 13.3 19.9

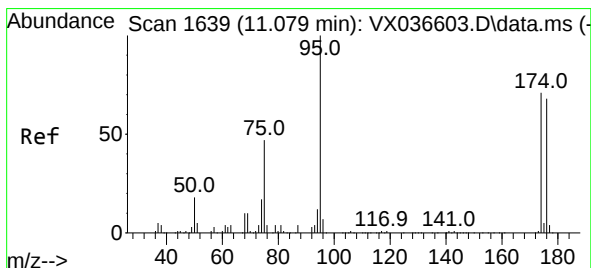
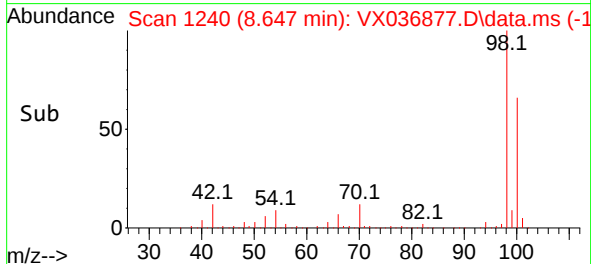
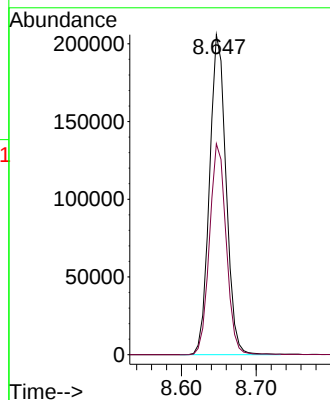
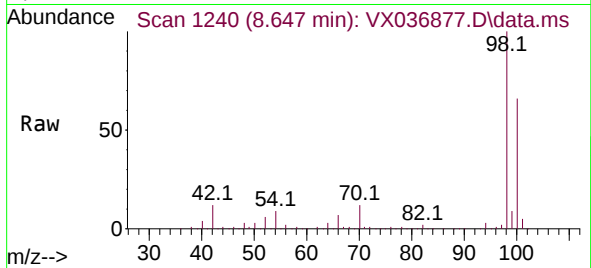




#50
Toluene-d8
Concen: 49.045 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

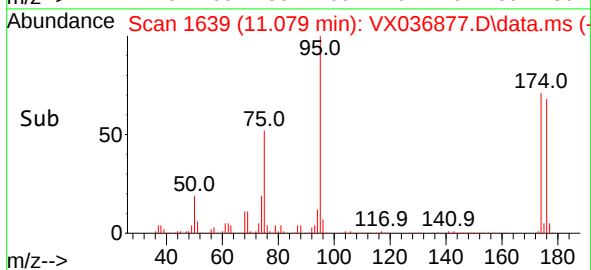
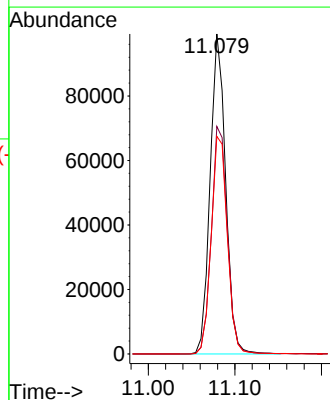
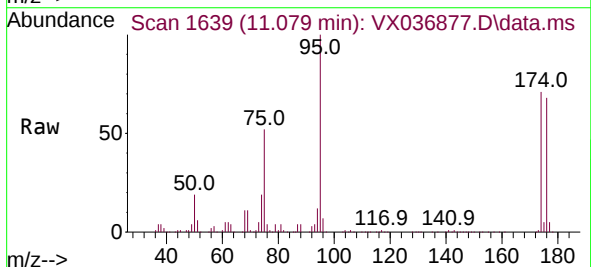
Instrument :
MSVOA_X
ClientSampleId :
IBLK

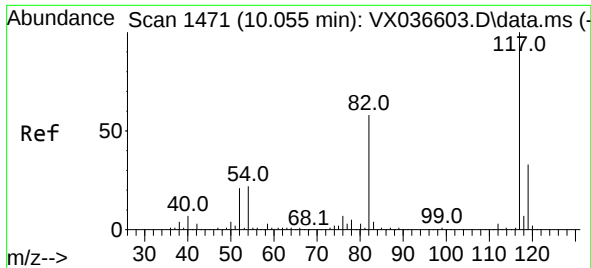
Tgt Ion: 98 Resp: 316569
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion: 95 Resp: 123207
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.1 0.0 131.0

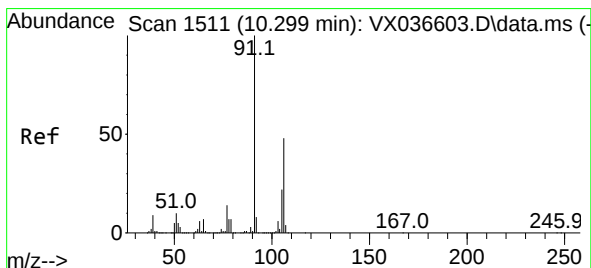
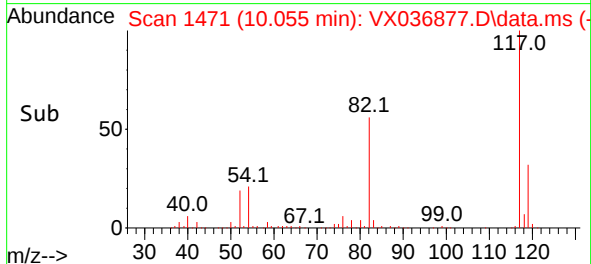
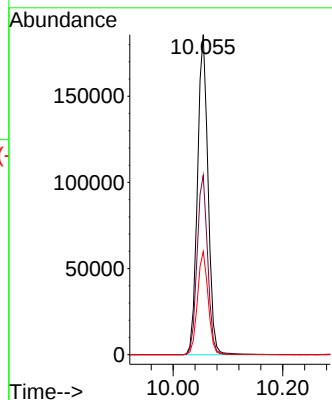
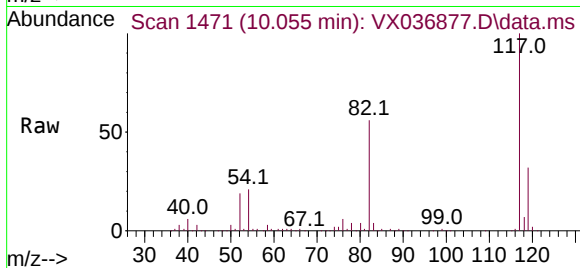




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

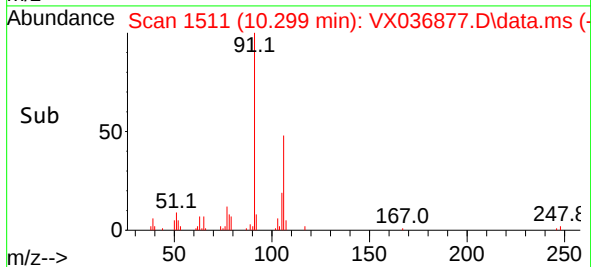
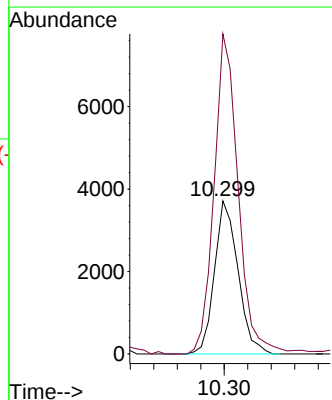
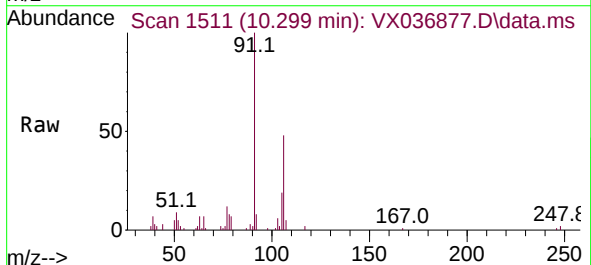
Instrument :
MSVOA_X
ClientSampleId :
IBLK

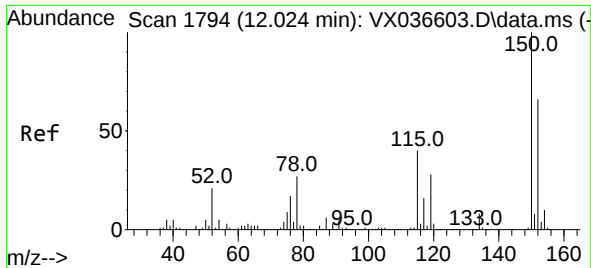
Tgt Ion:117 Resp: 250034
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 1.373 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036877.D
Acq: 08 Aug 2023 20:26

Tgt Ion:106 Resp: 5157
Ion Ratio Lower Upper
106 100
91 216.8 165.5 248.3

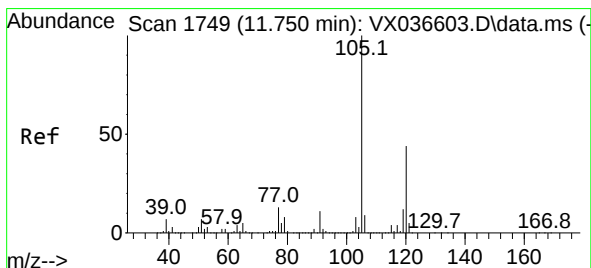
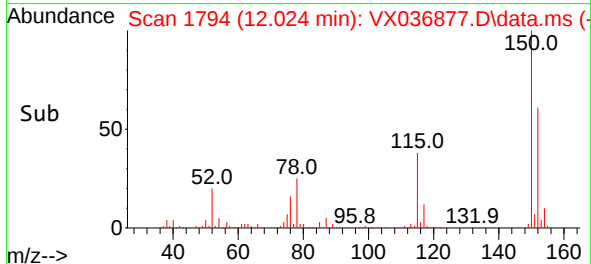
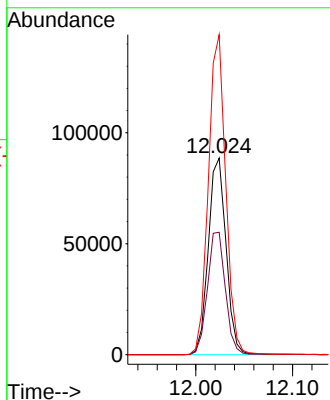
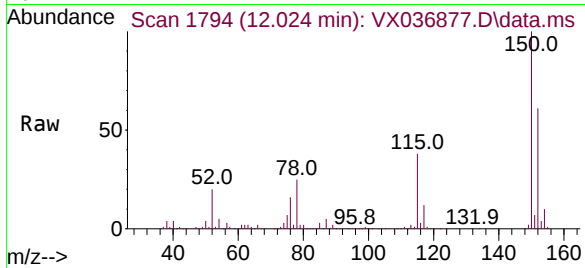




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036877.D
 Acq: 08 Aug 2023 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 113431
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 158.8 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.823 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036877.D
 Acq: 08 Aug 2023 20:26

Tgt Ion:105 Resp: 14320
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.2 63.6

