

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034037.D
 Acq On : 06 Feb 2023 19:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 07 00:56:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68199	49.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.080%
35) Dibromofluoromethane	5.391	113	63242	49.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.646	98	230074	49.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	78798	47.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.220%

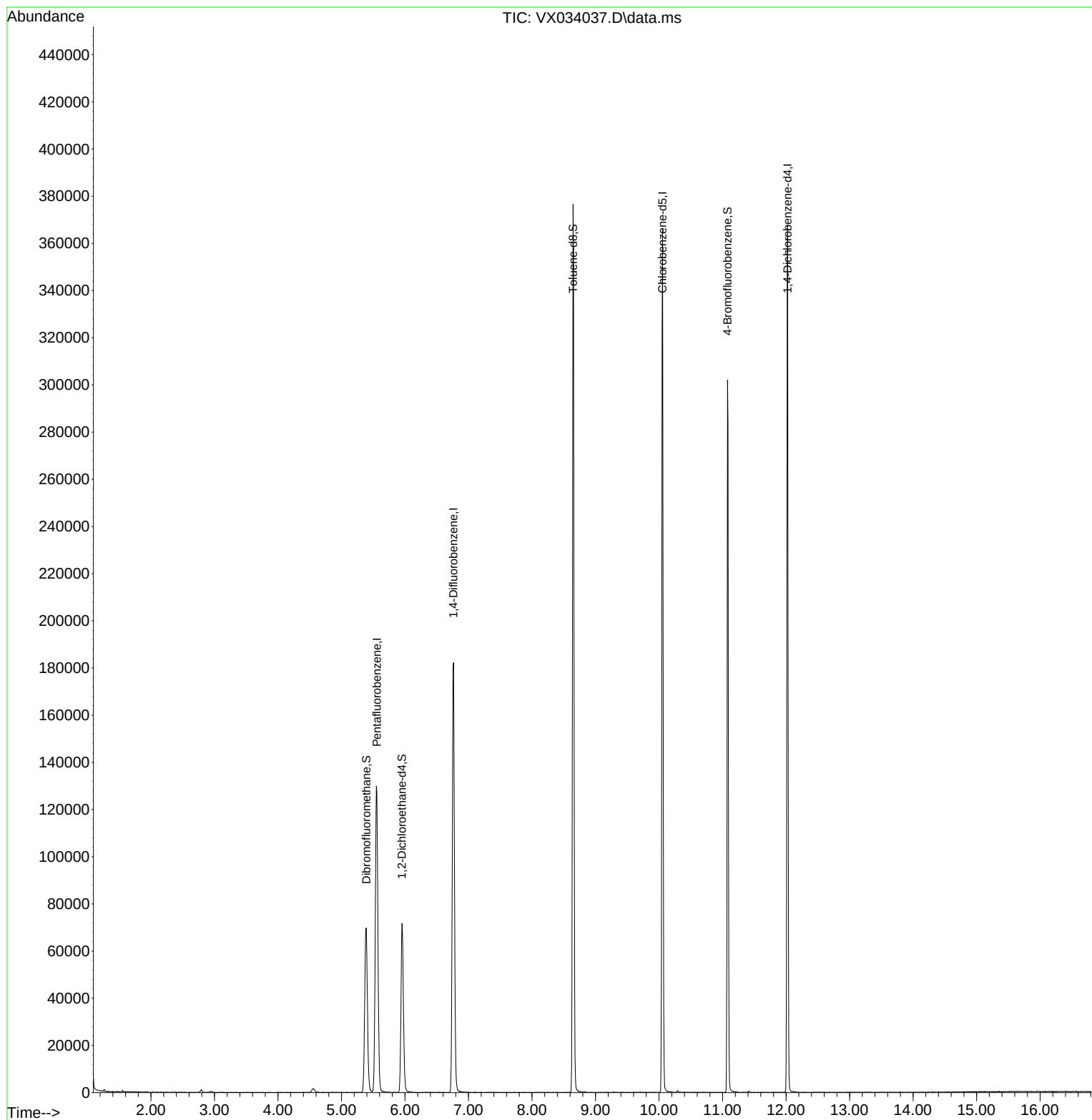
Target Compounds	Qvalue

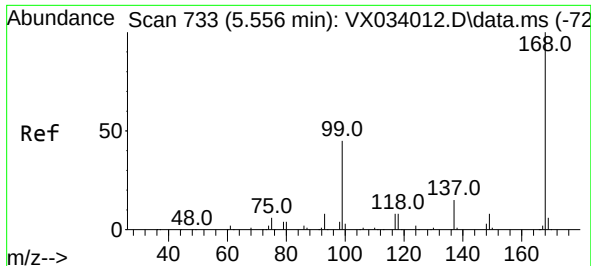
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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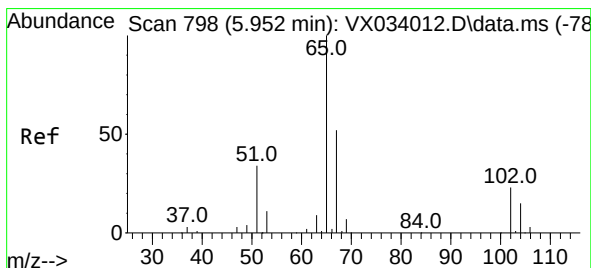
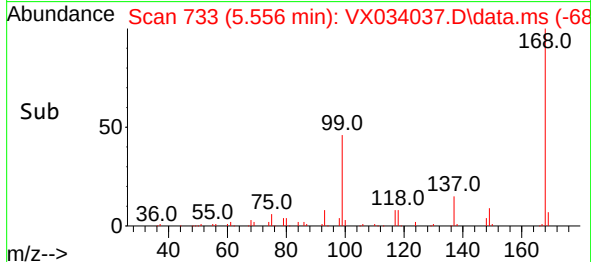
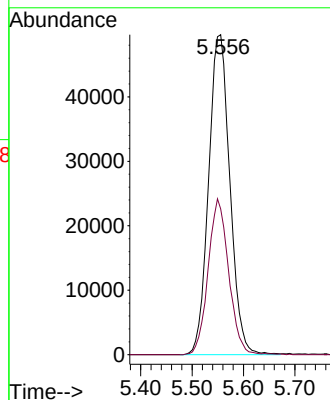
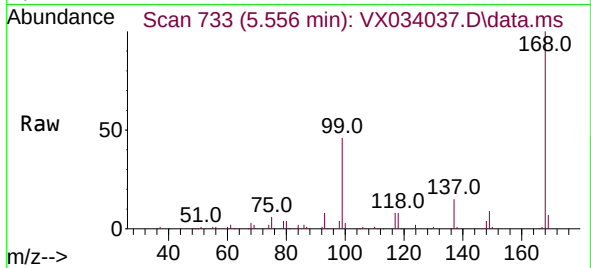




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

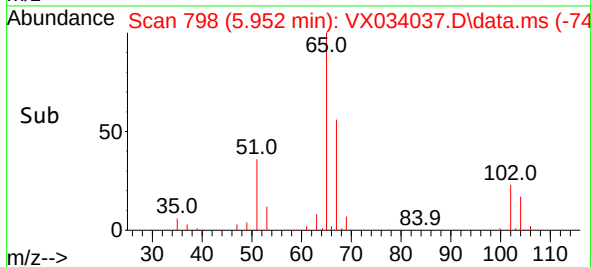
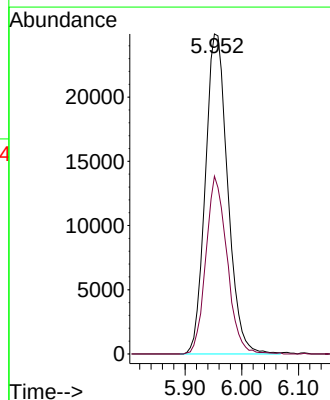
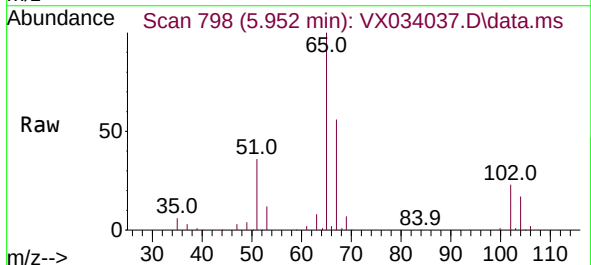
Instrument :
MSVOA_X
ClientSampleId :
IBLK

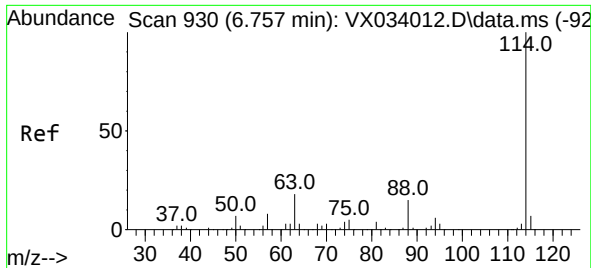
Tgt Ion:168 Resp: 142791
Ion Ratio Lower Upper
168 100
99 45.6 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 49.543 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

Tgt Ion: 65 Resp: 68199
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

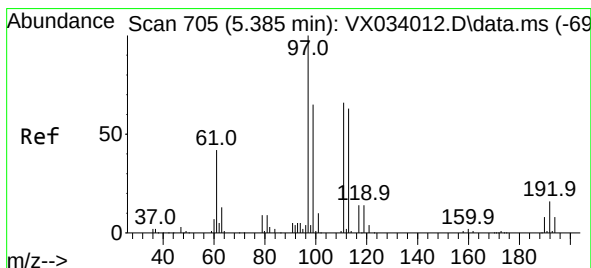
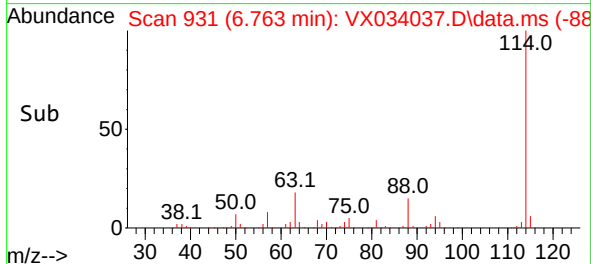
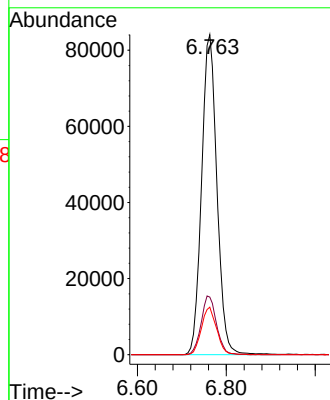
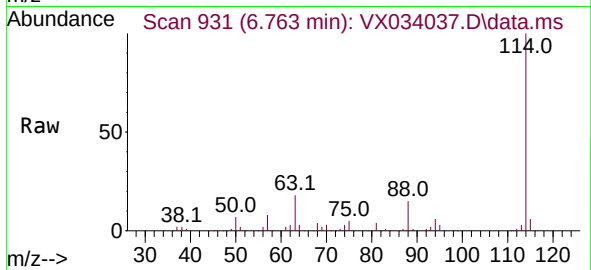




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

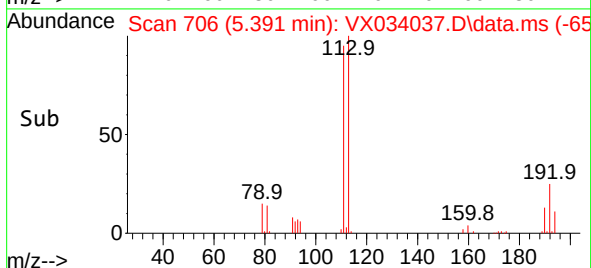
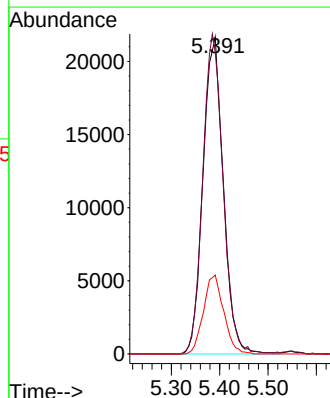
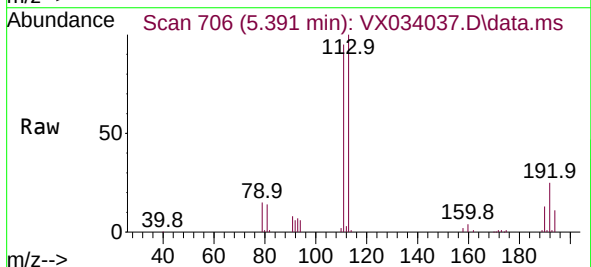
Instrument :
MSVOA_X
ClientSampleId :
IBLK

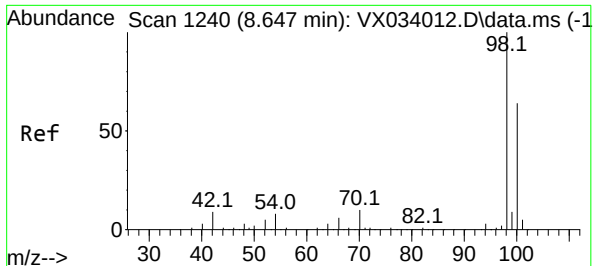
Tgt Ion:114 Resp: 202101
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.168 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

Tgt Ion:113 Resp: 63242
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 24.8 19.0 28.4

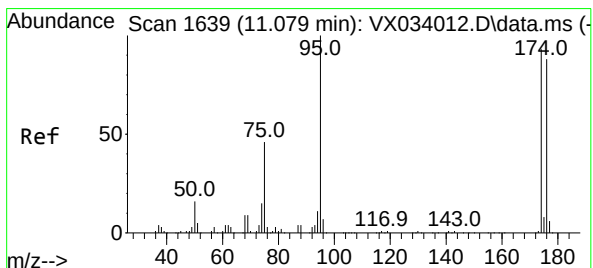
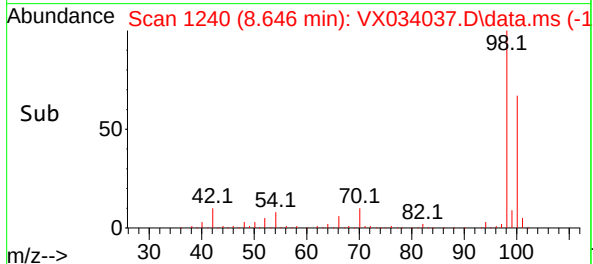
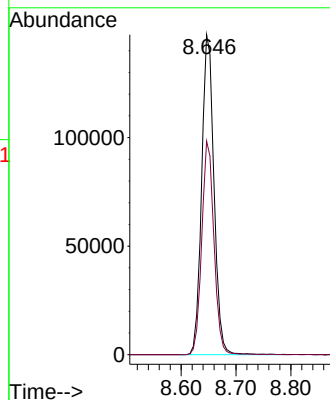
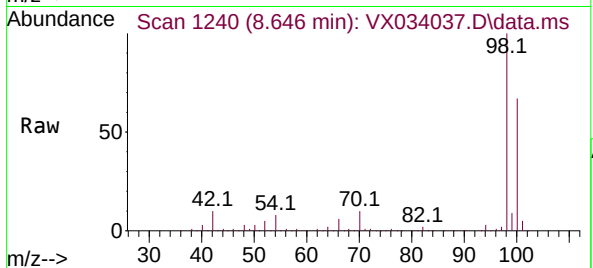




#50
Toluene-d8
Concen: 49.647 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

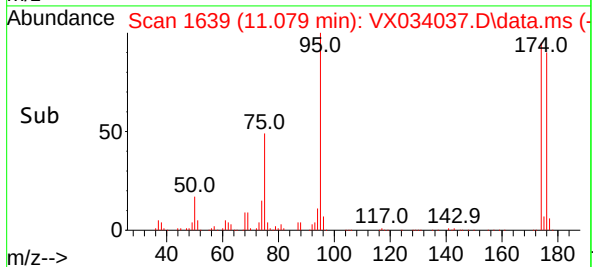
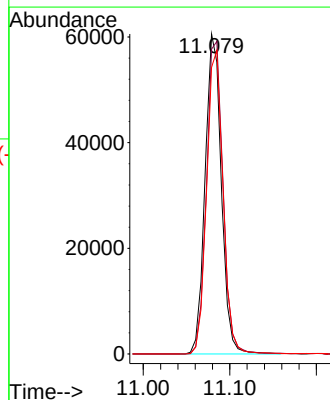
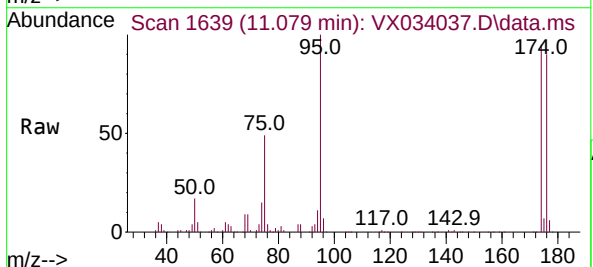
Instrument :
MSVOA_X
ClientSampleId :
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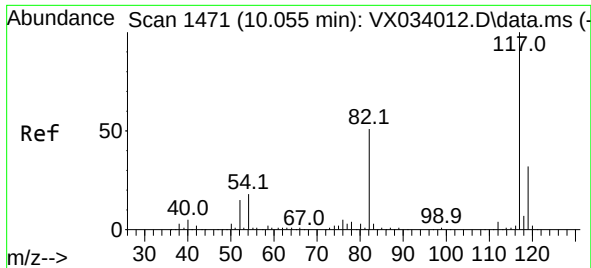
Tgt Ion: 98 Resp: 230074
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

Tgt Ion: 95 Resp: 78798
Ion Ratio Lower Upper
95 100
174 99.9 0.0 184.4
176 95.8 0.0 178.8

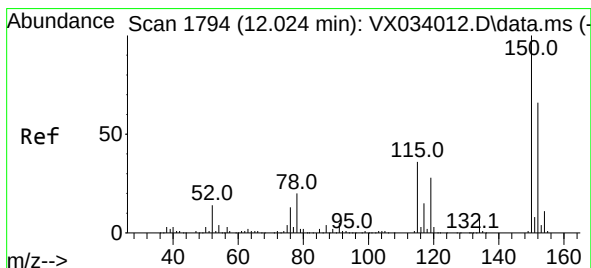
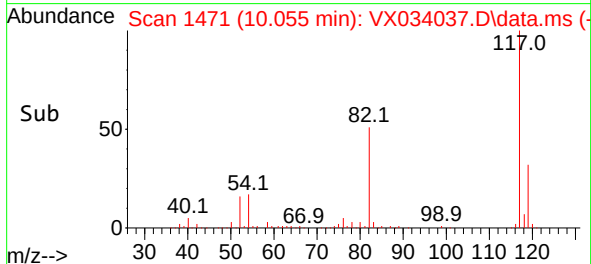
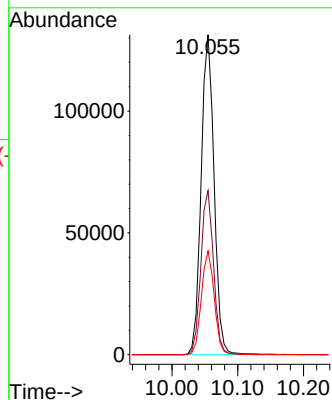
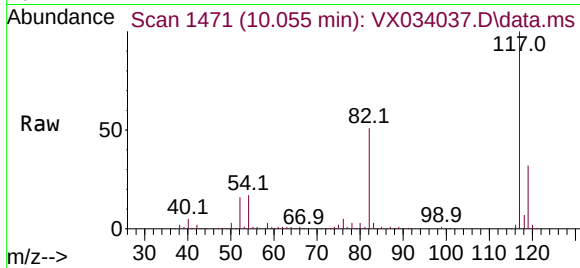




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 179853
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034037.D
Acq: 06 Feb 2023 19:01

Tgt Ion:152 Resp: 88994
Ion Ratio Lower Upper
152 100
115 52.0 38.7 116.1
150 153.6 0.0 348.2

