

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034044.D
 Acq On : 06 Feb 2023 21:44
 Operator : JC/MD
 Sample : 01416-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-2-2

Quant Time: Feb 07 00:59:17 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	140807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66742	49.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.340%
35) Dibromofluoromethane	5.385	113	61468	49.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.647	98	223907	50.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.100%
62) 4-Bromofluorobenzene	11.079	95	79717	49.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%

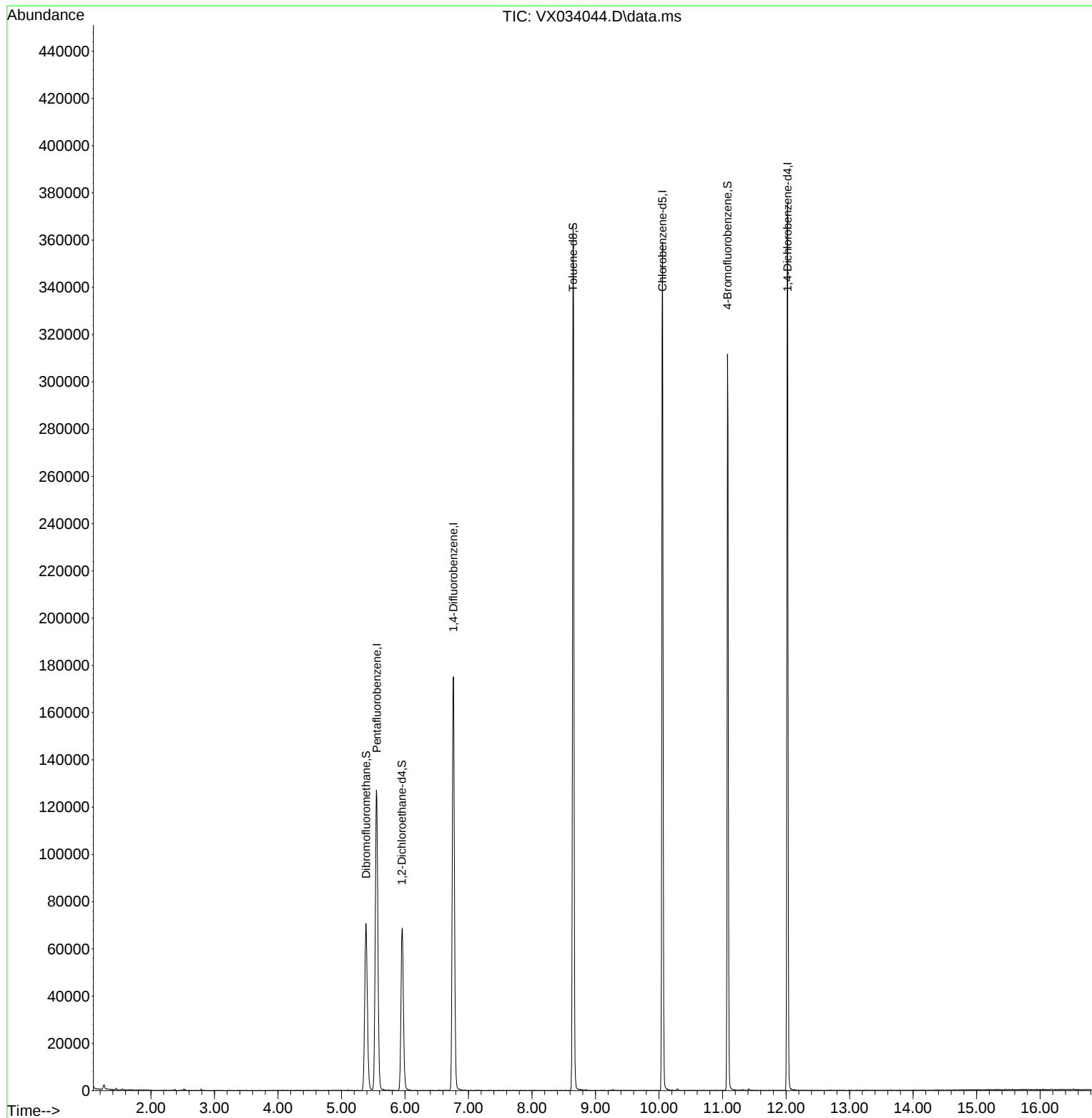
Target Compounds	Qvalue

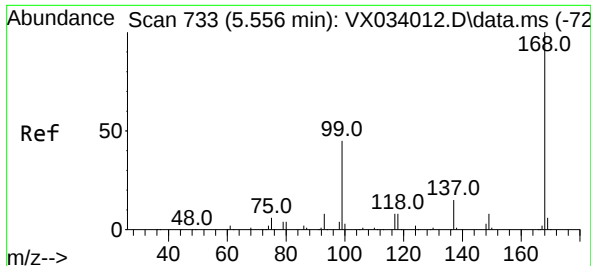
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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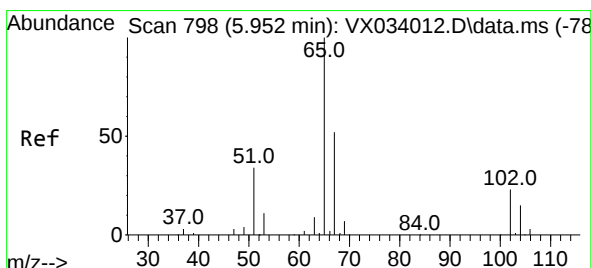
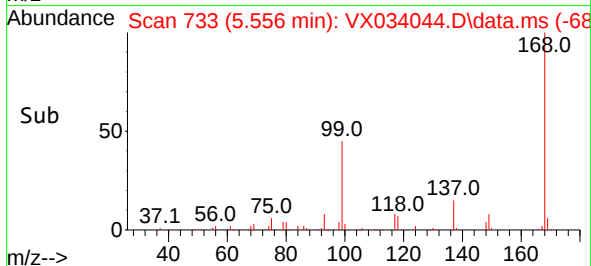
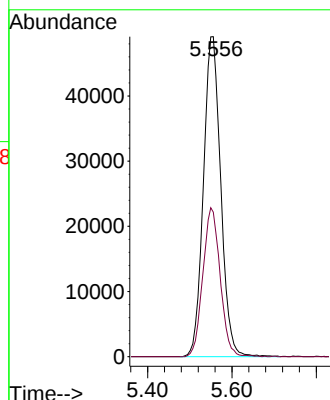
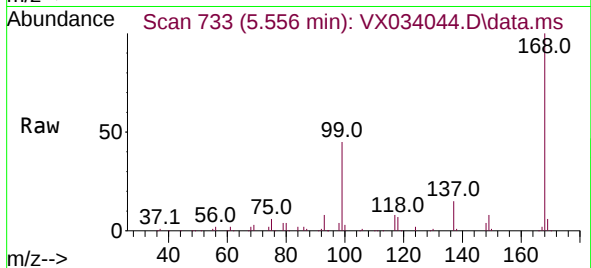




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

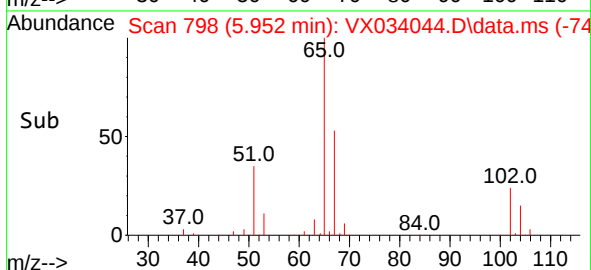
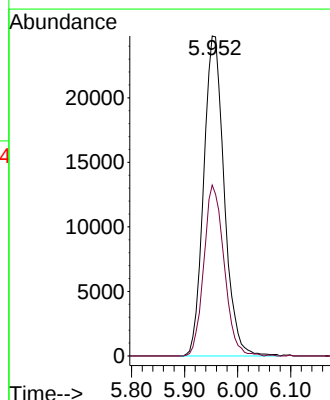
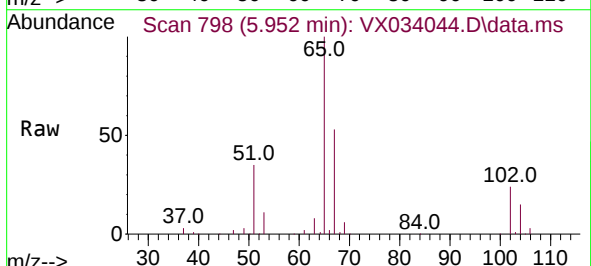
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

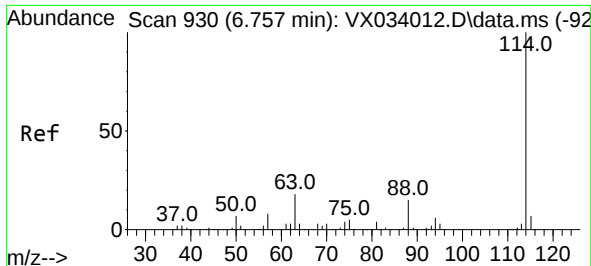
Tgt Ion:168 Resp: 140807
Ion Ratio Lower Upper
168 100
99 45.1 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 49.167 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

Tgt Ion: 65 Resp: 66742
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

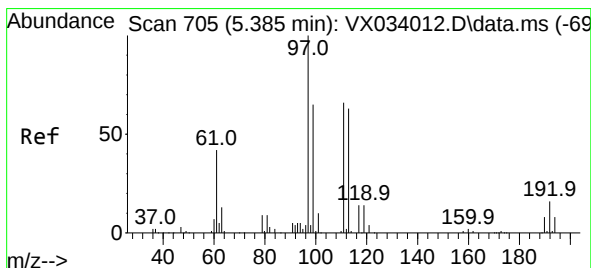
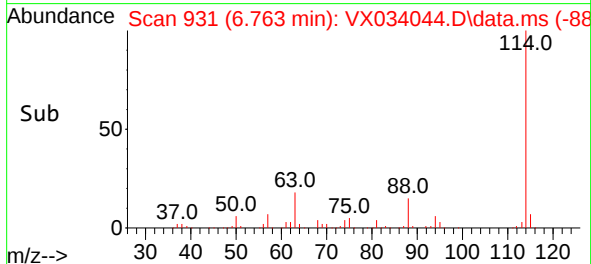
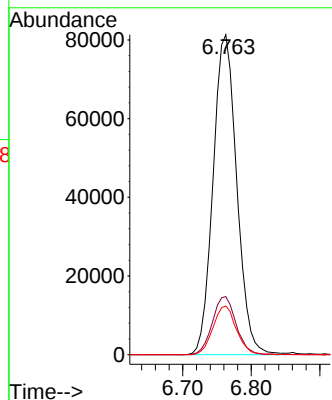
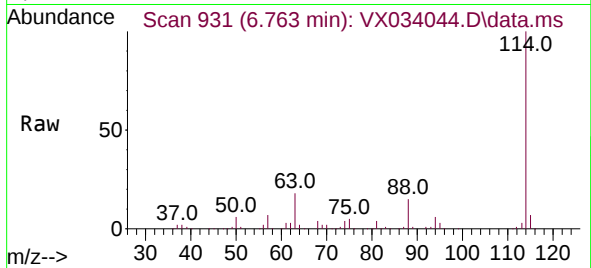




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

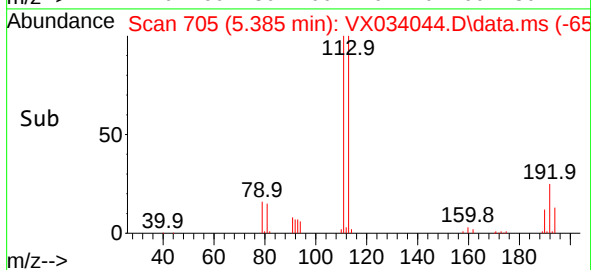
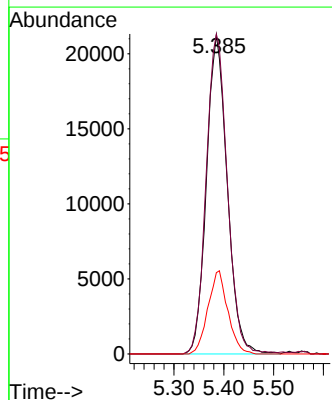
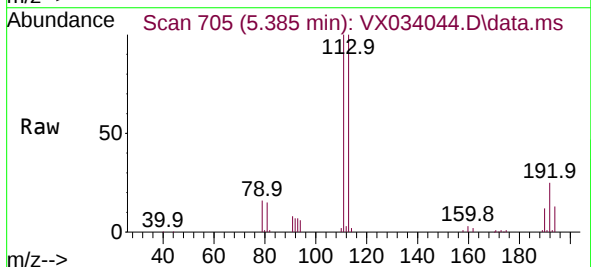
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

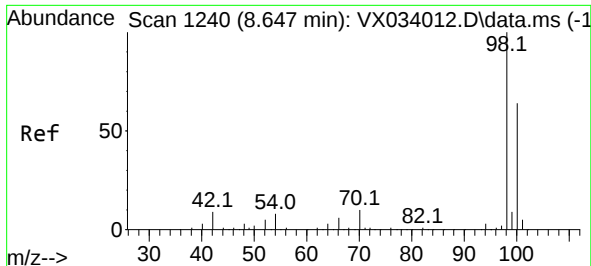
Tgt Ion:114 Resp: 195083
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

Tgt Ion:113 Resp: 61468
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 24.9 19.0 28.4

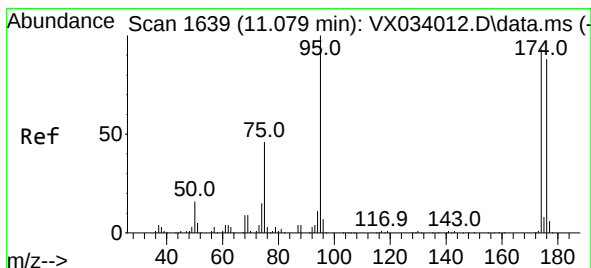
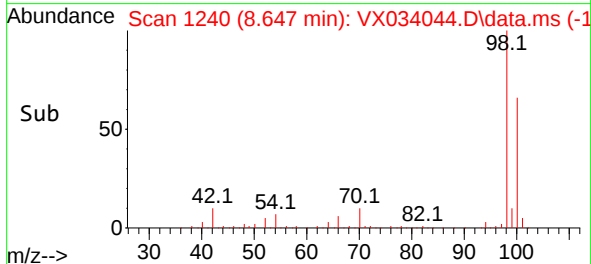
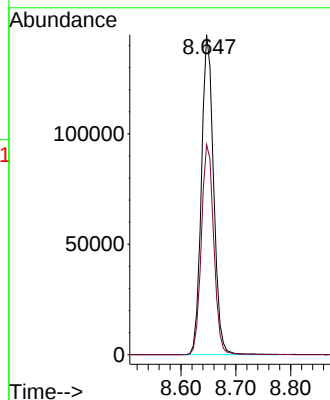
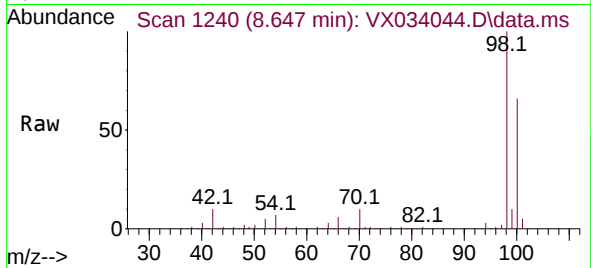




#50
Toluene-d8
Concen: 50.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

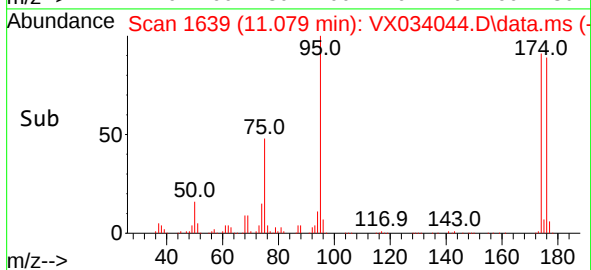
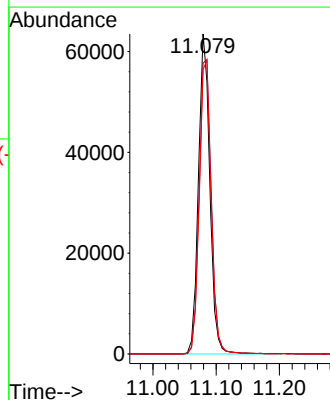
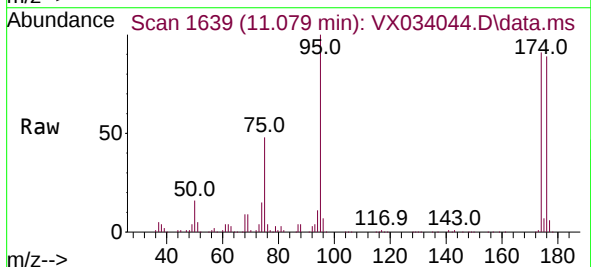
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

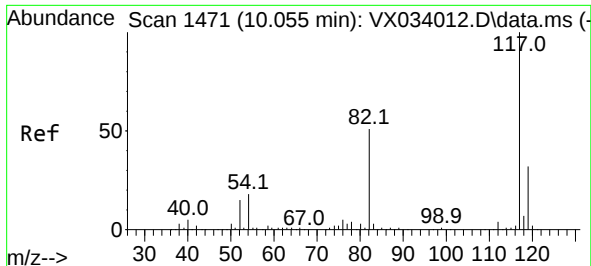
Tgt Ion: 98 Resp: 223907
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 49.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

Tgt Ion: 95 Resp: 79717
Ion Ratio Lower Upper
95 100
174 98.3 0.0 184.4
176 95.4 0.0 178.8

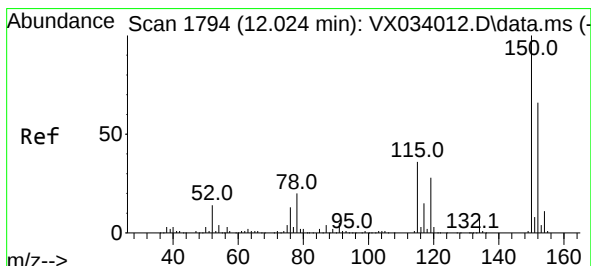
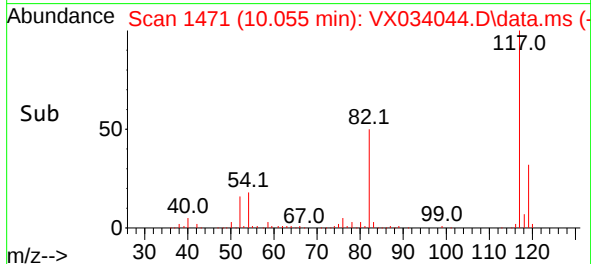
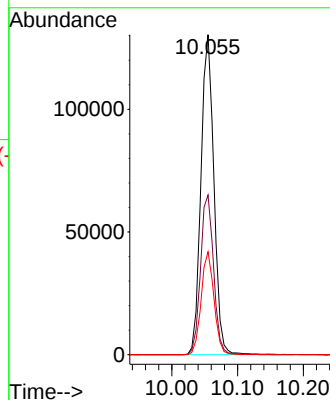
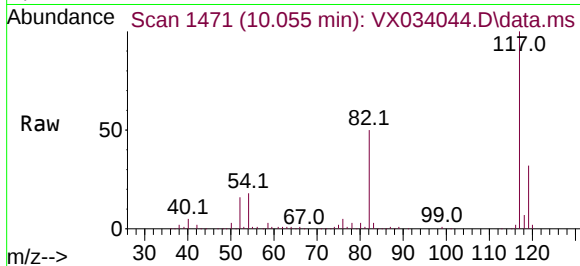




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034044.D
Acq: 06 Feb 2023 21:44

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

Tgt Ion:117 Resp: 178599
Ion Ratio Lower Upper
117 100
82 49.9 40.6 60.8
119 32.2 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: VX034044.D
Acq: 06 Feb 2023 21:44

Tgt Ion:152 Resp: 88013
Ion Ratio Lower Upper
152 100
115 53.2 38.7 116.1
150 157.1 0.0 348.2

