

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040502.D
 Acq On : 28 Feb 2024 11:24
 Operator : JC/MD
 Sample : VX0228MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228MBL01

Quant Time: Feb 29 03:46:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	66557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53600	48.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.385	113	39764	49.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.647	98	140358	48.578	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	53546	48.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.240%

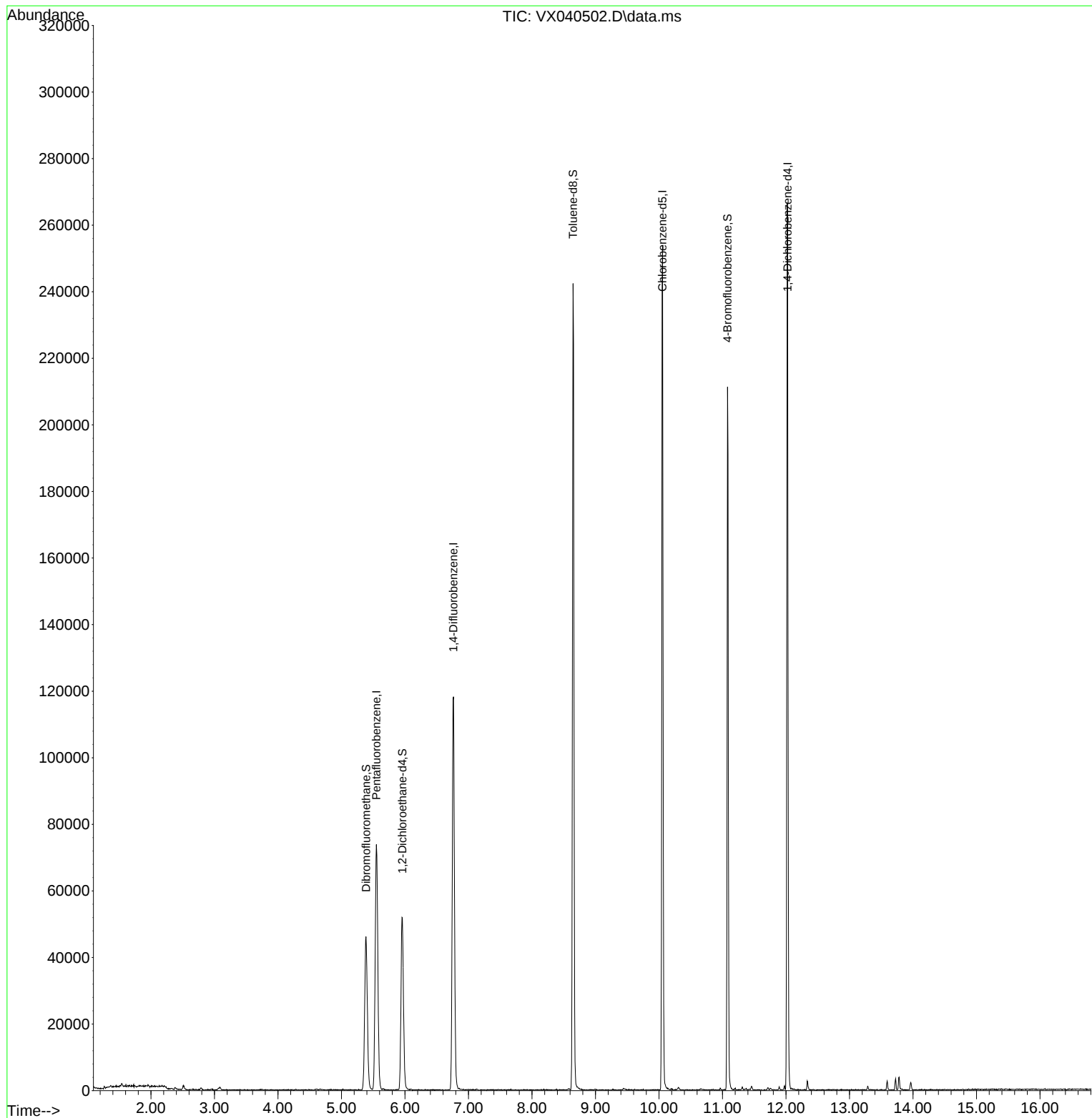
Target Compounds Qvalue

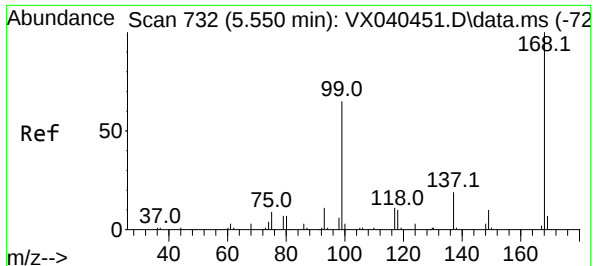
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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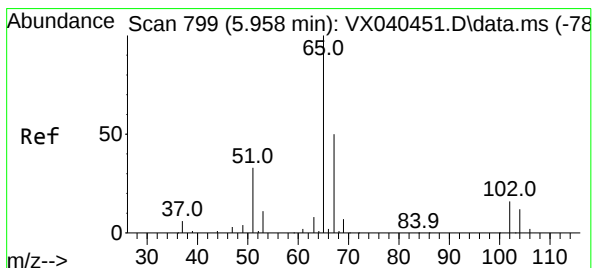
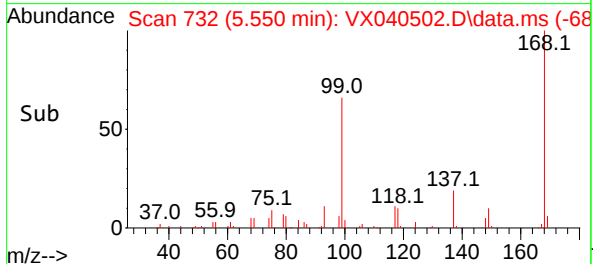
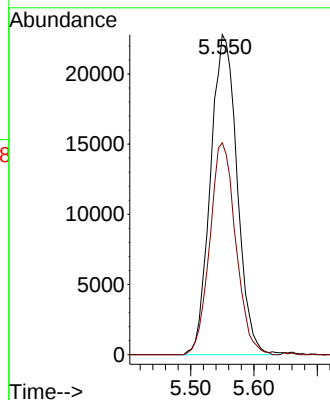
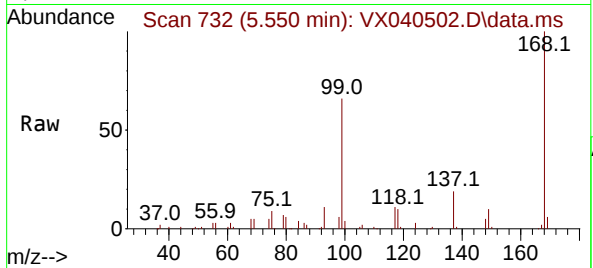




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

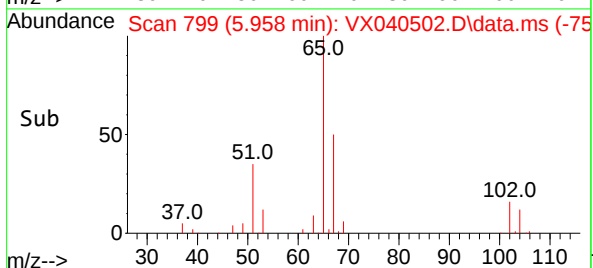
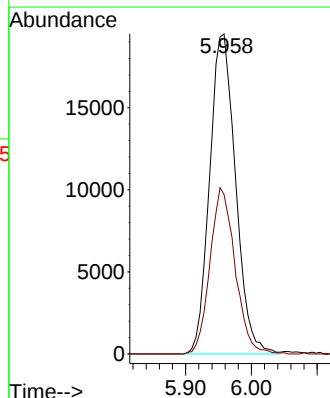
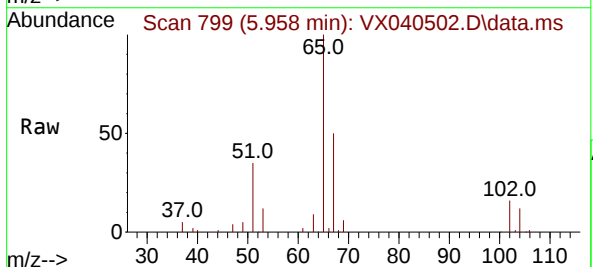
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

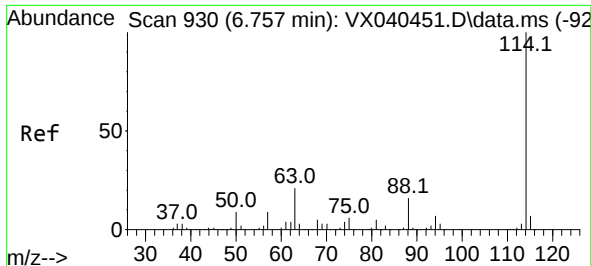
Tgt Ion:168 Resp: 66557
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.149 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 65 Resp: 53600
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

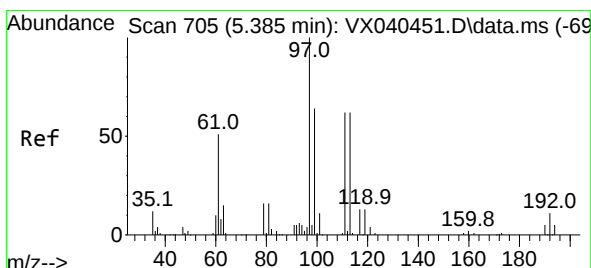
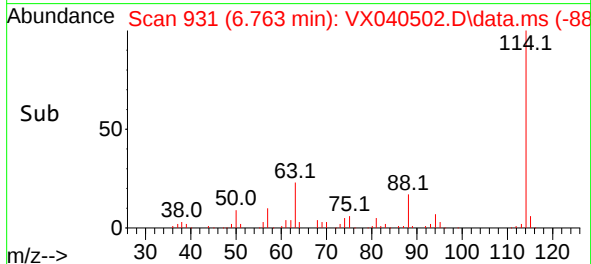
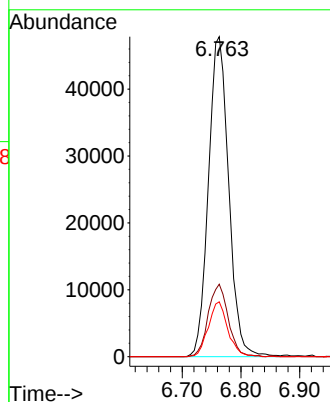
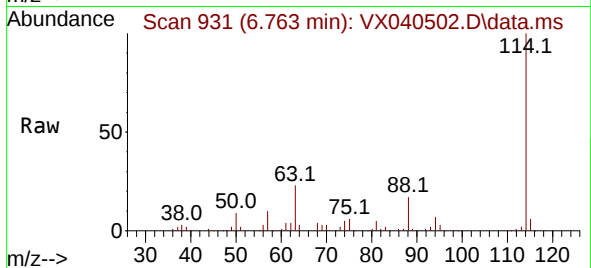




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

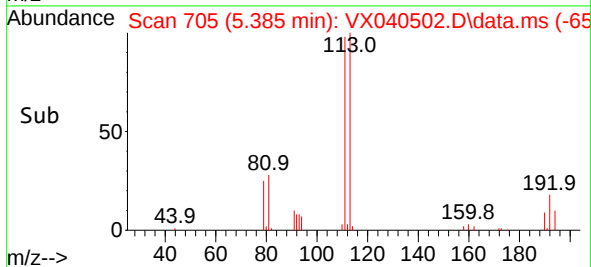
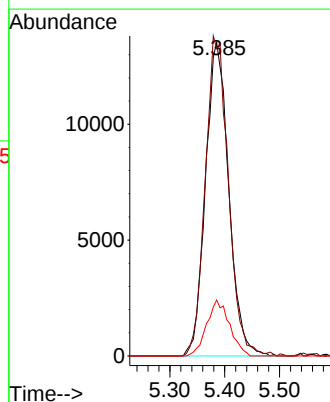
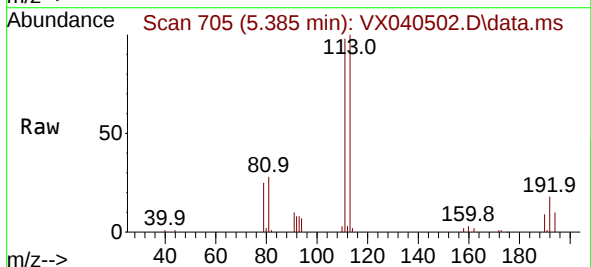
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

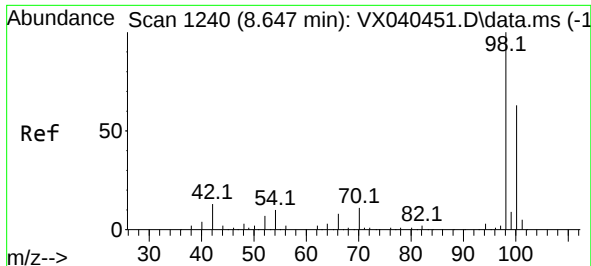
Tgt Ion:114 Resp: 114466
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.955 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

Tgt Ion:113 Resp: 39764
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.5 13.3 19.9

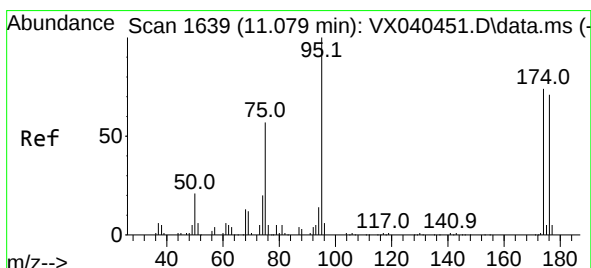
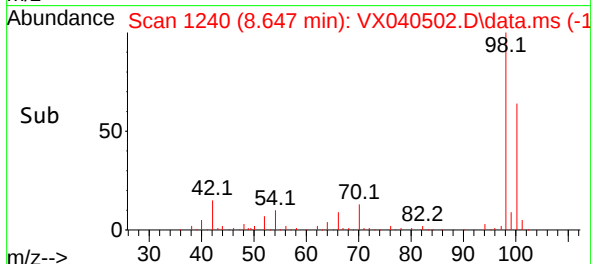
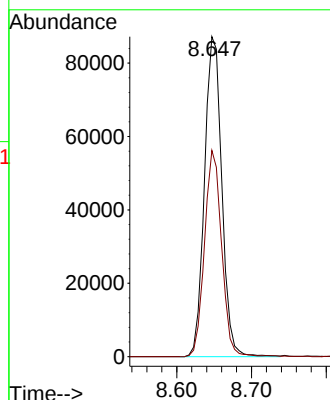
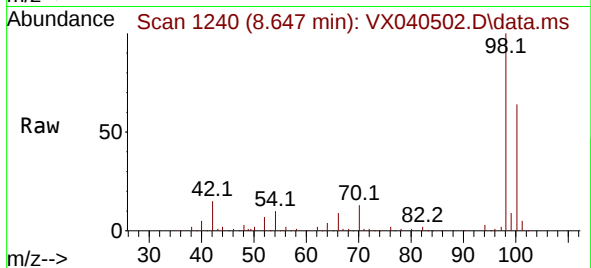




#50
Toluene-d8
Concen: 48.578 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

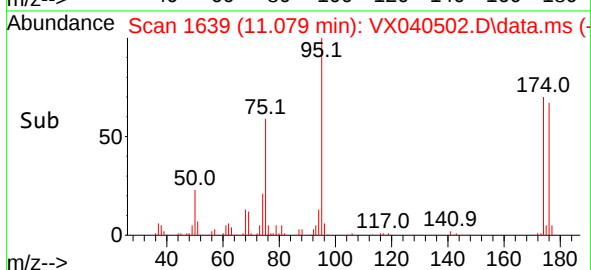
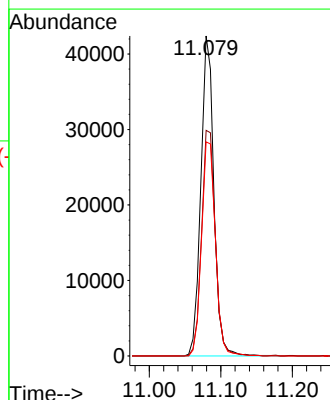
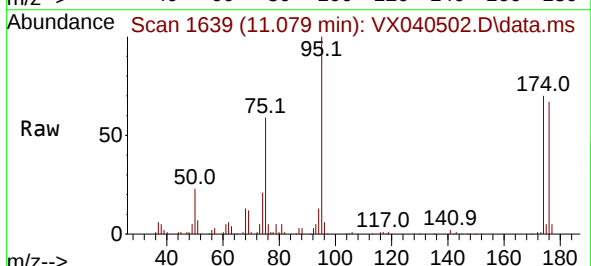
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

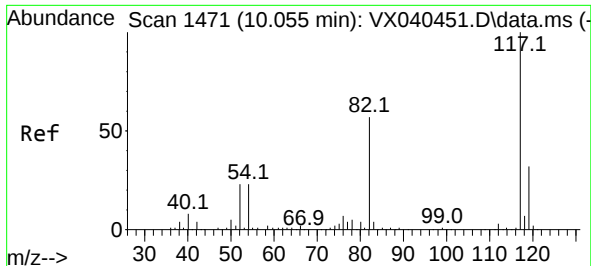
Tgt Ion: 98 Resp: 140358
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

Tgt Ion: 95 Resp: 53546
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.5 0.0 131.0

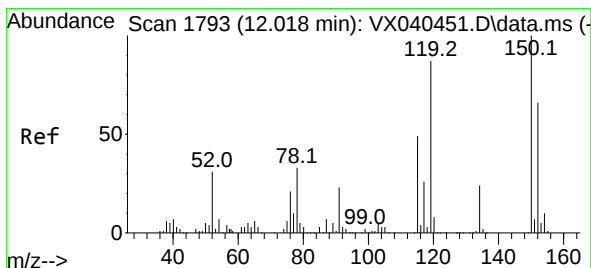
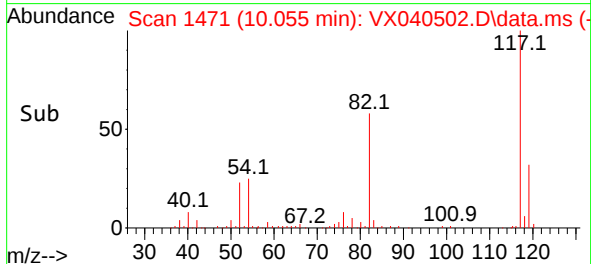
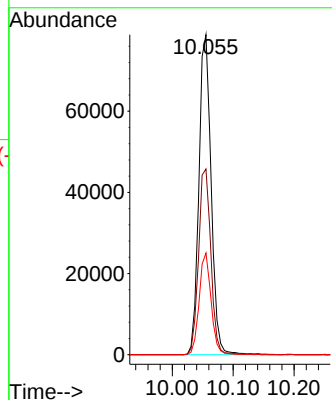
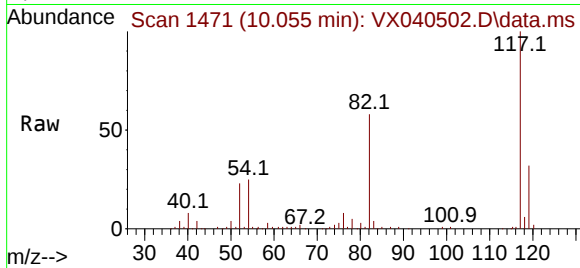




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

Tgt Ion:117 Resp: 109699
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040502.D
Acq: 28 Feb 2024 11:24

Tgt Ion:152 Resp: 52295
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 158.9 0.0 345.0

