

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039639.D
 Acq On : 05 Jan 2024 11:22
 Operator : JC/MD
 Sample : VX0105WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBL01

Quant Time: Jan 05 22:18:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71738	46.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.900%
35) Dibromofluoromethane	5.379	113	57317	47.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	223551	49.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	103545	55.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.060%

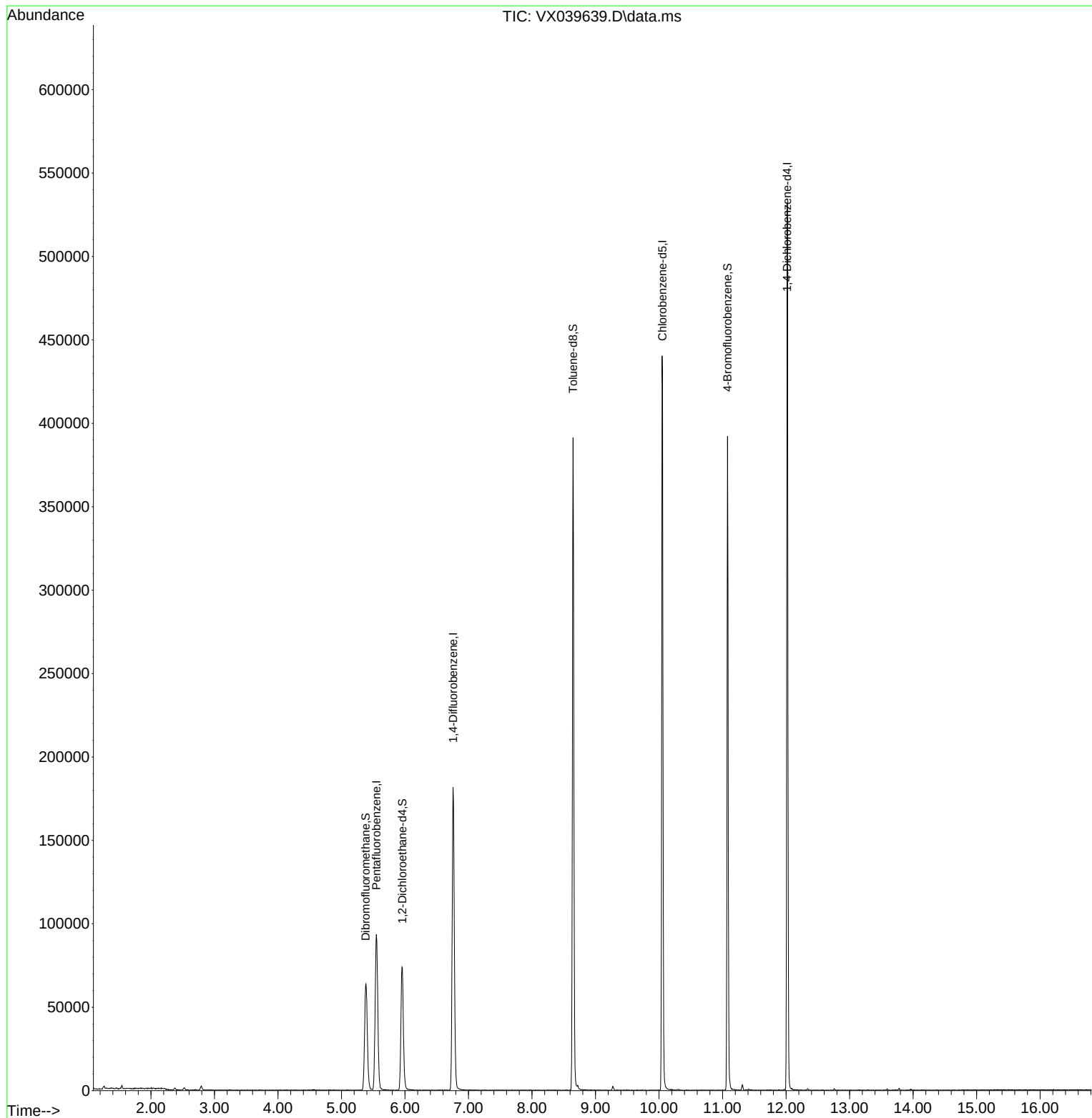
Target Compounds	Qvalue

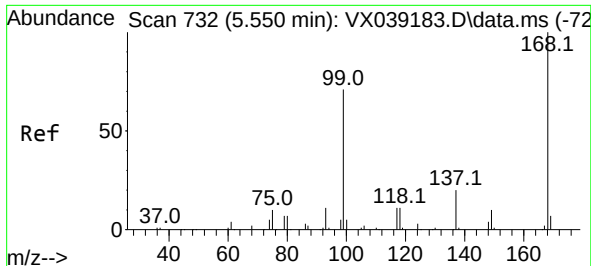
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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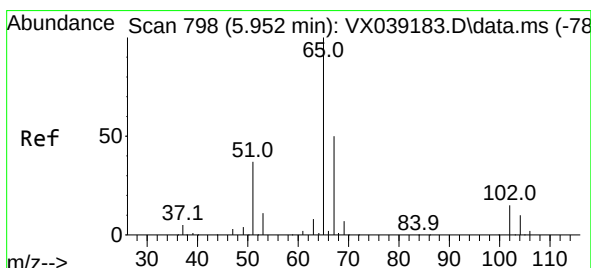
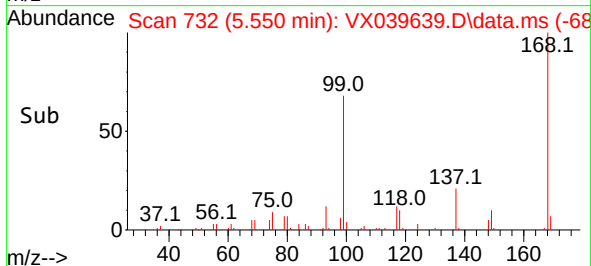
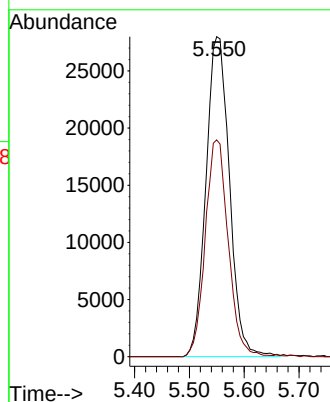
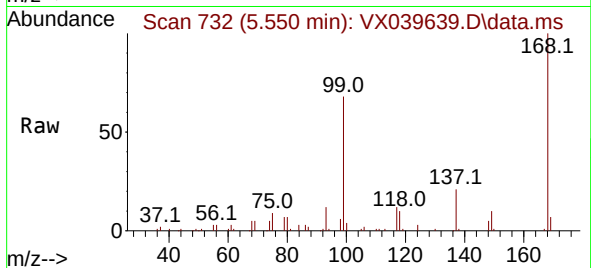




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

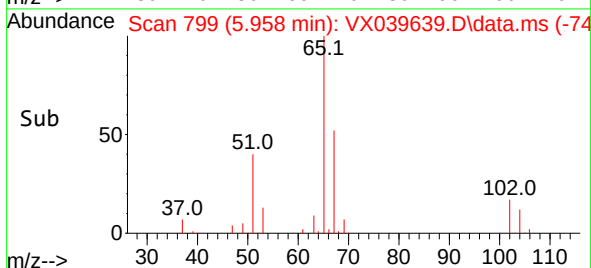
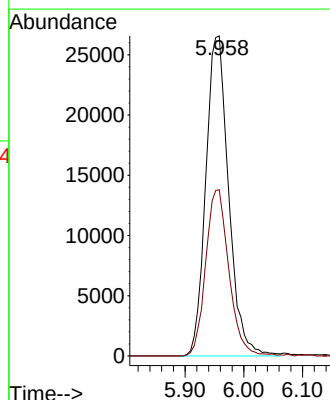
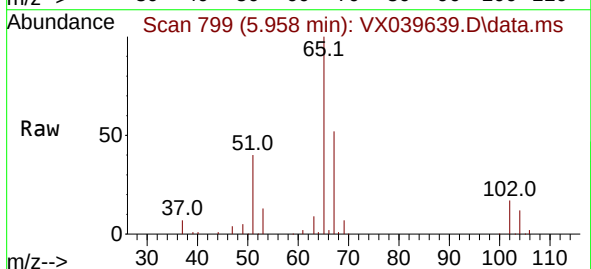
Instrument :
MSVOA_X
ClientSampleId :
VX0105WBL01

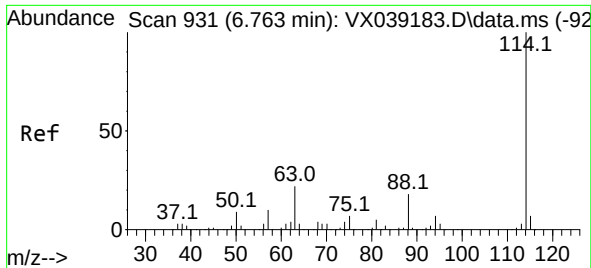
Tgt Ion:168 Resp: 83407
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.950 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

Tgt Ion: 65 Resp: 71738
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

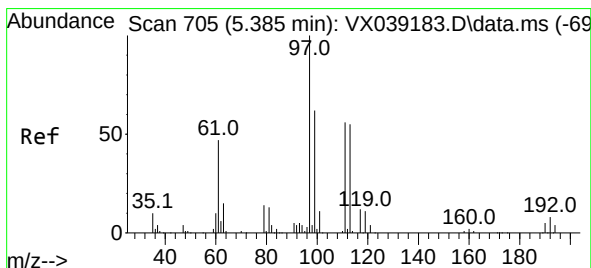
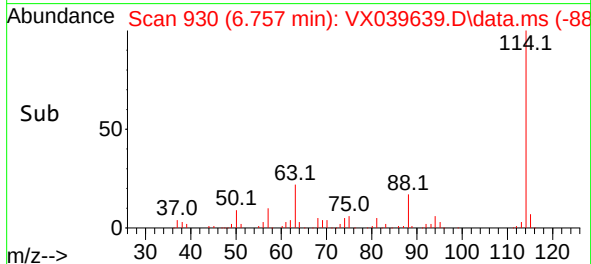
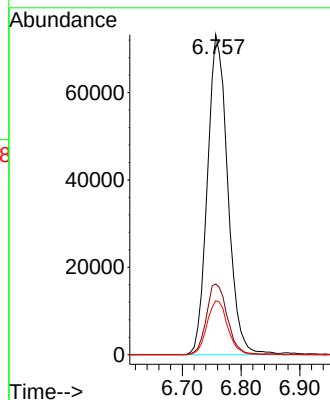
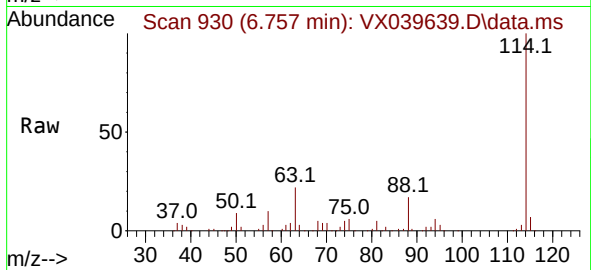




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

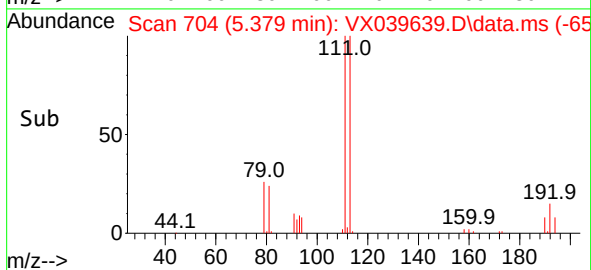
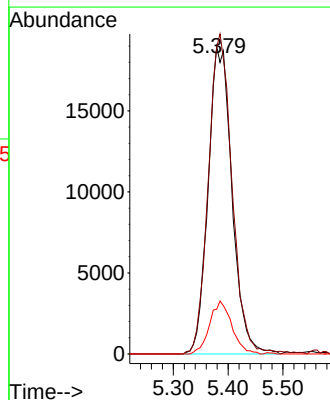
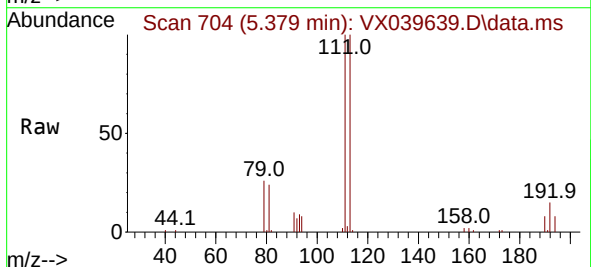
Instrument :
MSVOA_X
ClientSampleId :
VX0105WBL01

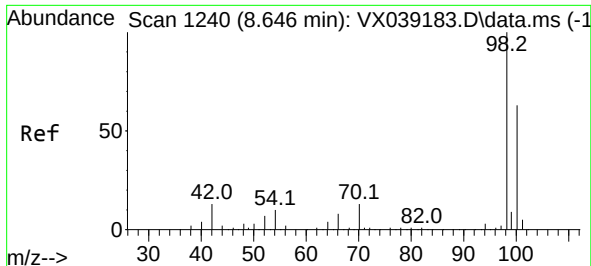
Tgt Ion:114 Resp: 176194
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.088 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

Tgt Ion:113 Resp: 57317
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.0 13.3 19.9

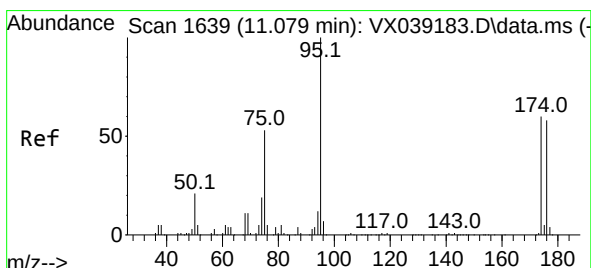
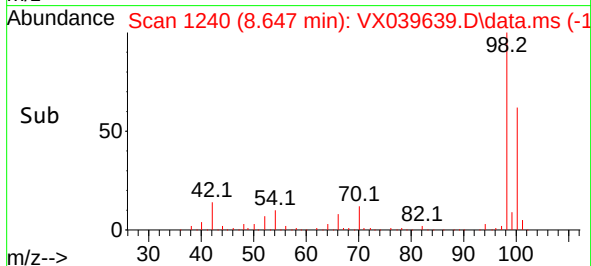
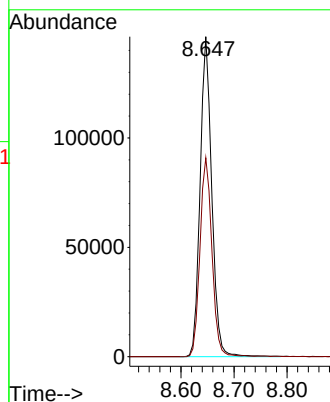
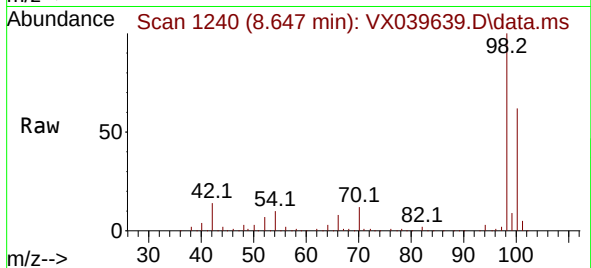




#50
Toluene-d8
Concen: 49.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

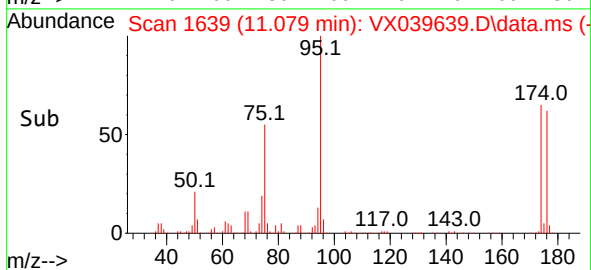
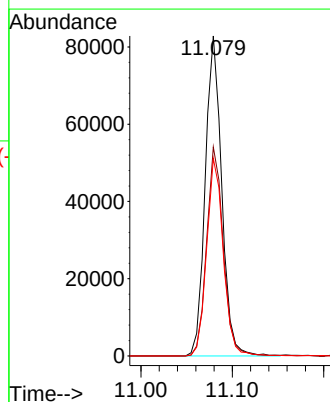
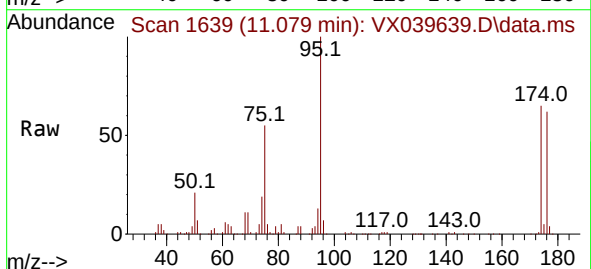
Instrument :
MSVOA_X
ClientSampleId :
VX0105WBL01

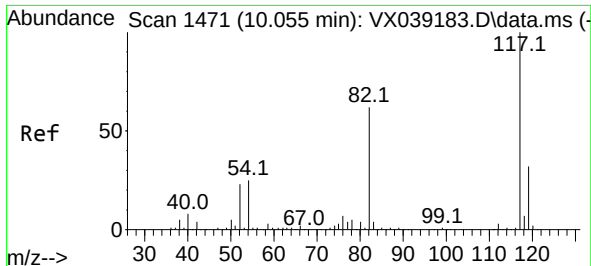
Tgt Ion: 98 Resp: 223551
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

Tgt Ion: 95 Resp: 103545
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 62.4 0.0 131.0

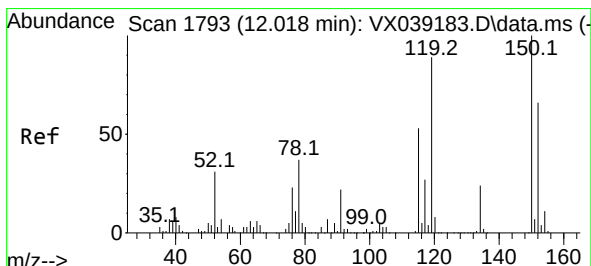
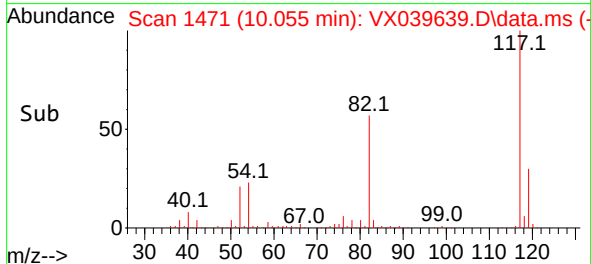
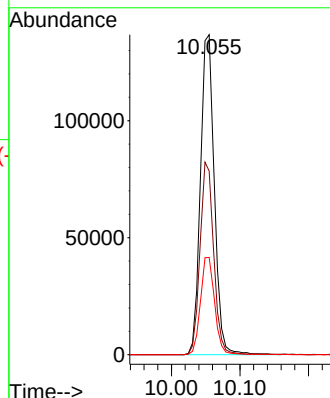
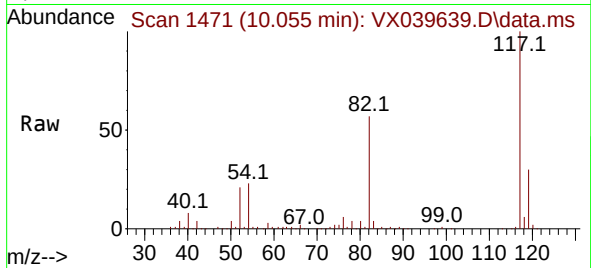




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0105WBL01

Tgt Ion:117 Resp: 193515
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 30.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039639.D
Acq: 05 Jan 2024 11:22

Tgt Ion:152 Resp: 97601
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 157.7 0.0 345.0

