

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039432.D
 Acq On : 22 Dec 2023 12:13
 Operator : JC/MD
 Sample : VX1222MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222MBL01

Quant Time: Dec 23 06:21:55 2023
 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	5.543	168	93493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84570	49.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.379	113	66489	48.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	8.647	98	254442	49.683	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	111553	52.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.580%

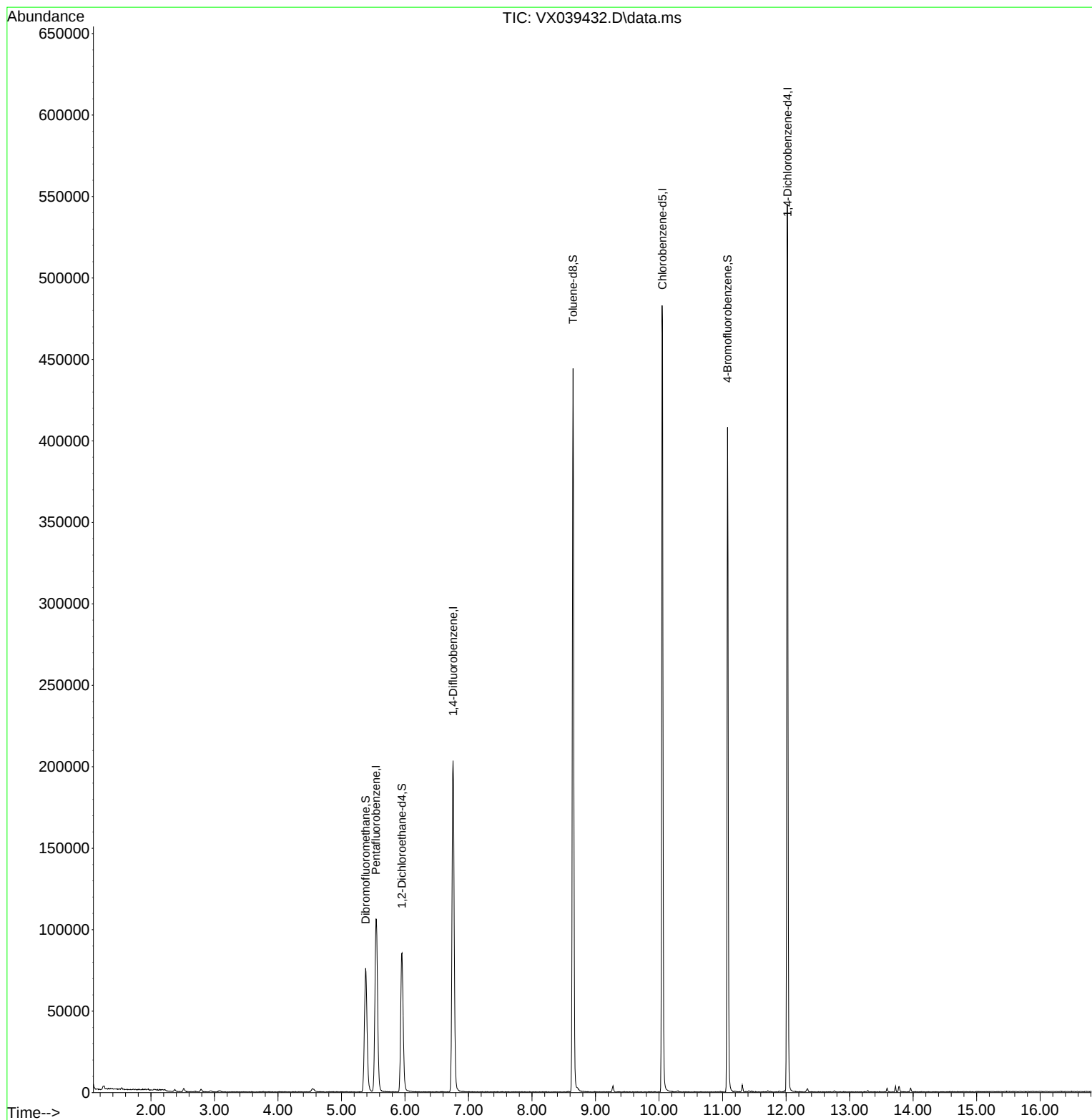
Target Compounds	Qvalue

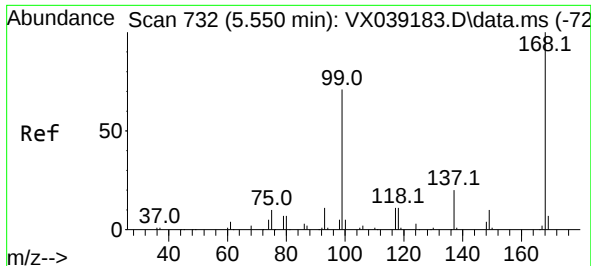
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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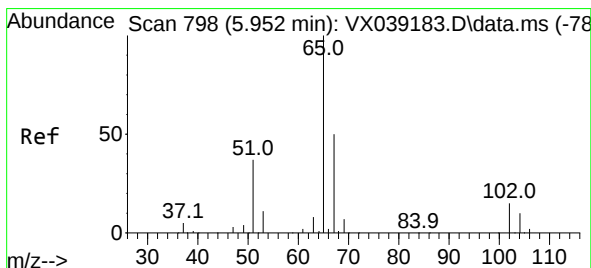
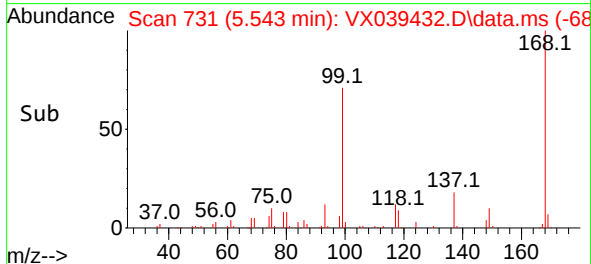
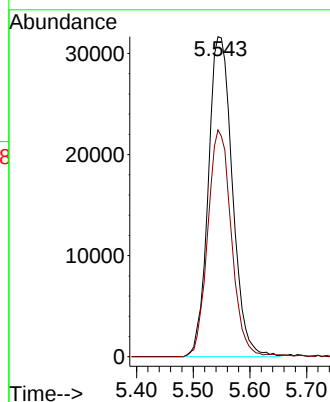
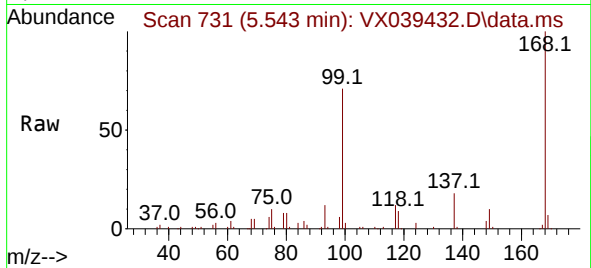




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

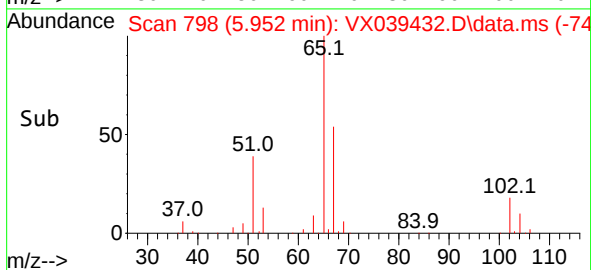
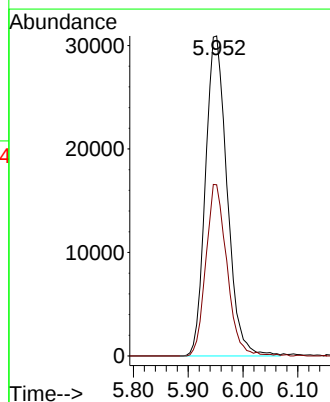
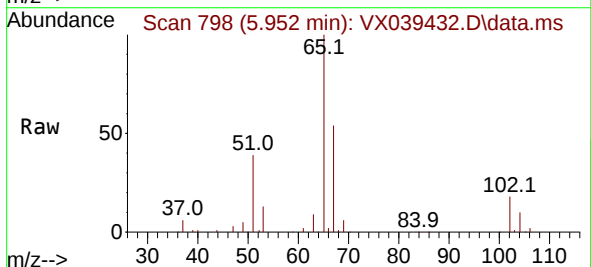
Instrument :
MSVOA_X
ClientSampleId :
VX1222MBL01

Tgt Ion:168 Resp: 93493
Ion Ratio Lower Upper
168 100
99 70.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.377 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion: 65 Resp: 84570
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

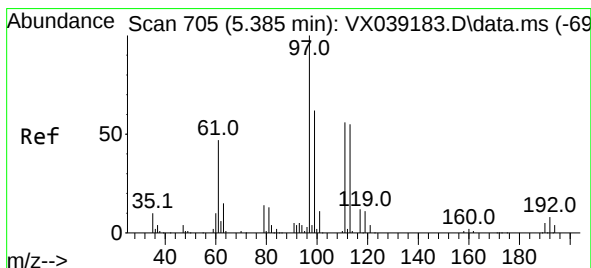
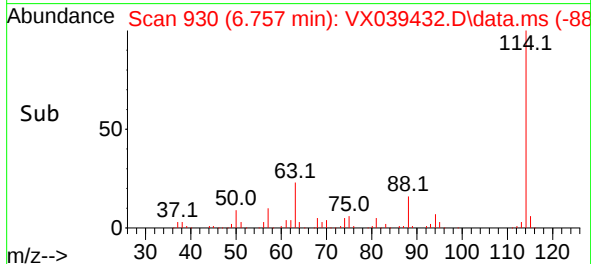
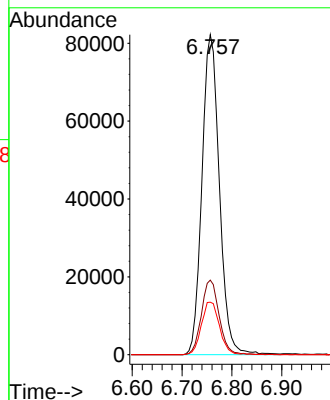
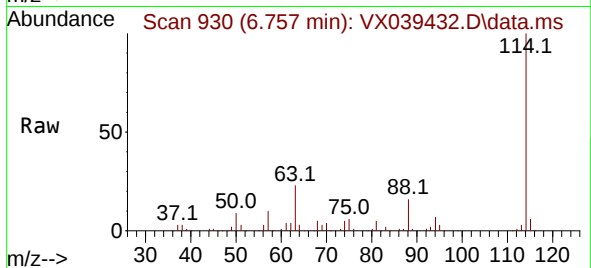




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

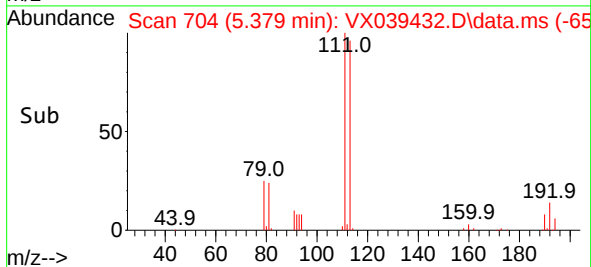
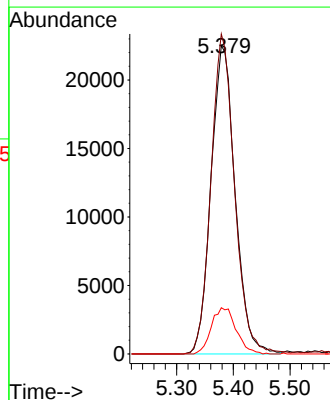
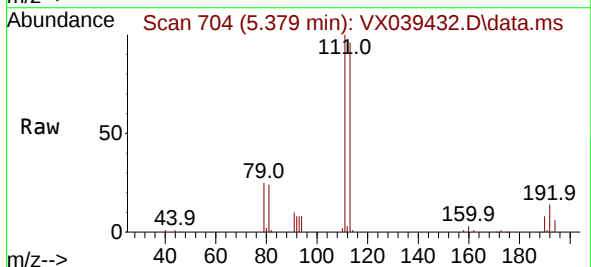
Instrument :
MSVOA_X
ClientSampleId :
VX1222MBL01

Tgt Ion:114 Resp: 199677
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion:113 Resp: 66489
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 15.4 13.3 19.9

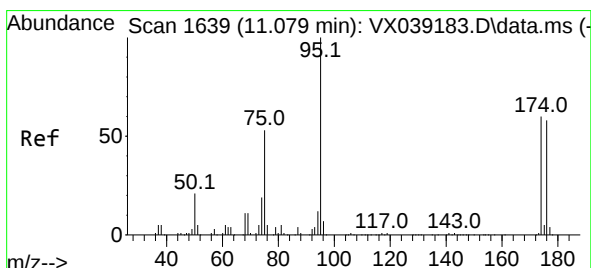
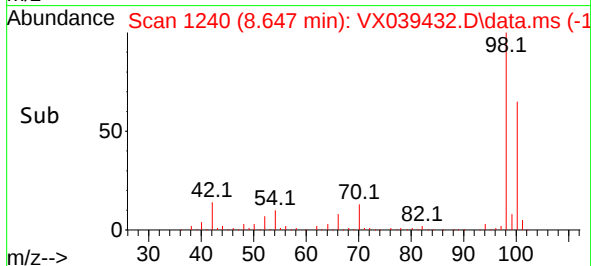
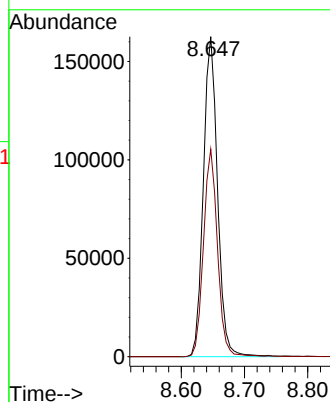
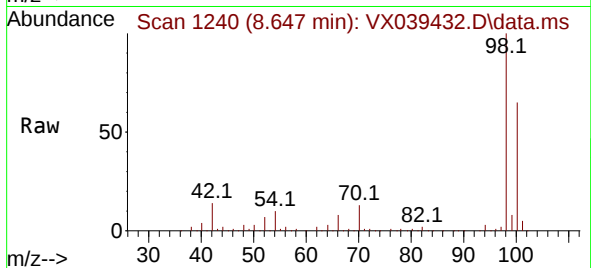




#50
Toluene-d8
Concen: 49.683 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

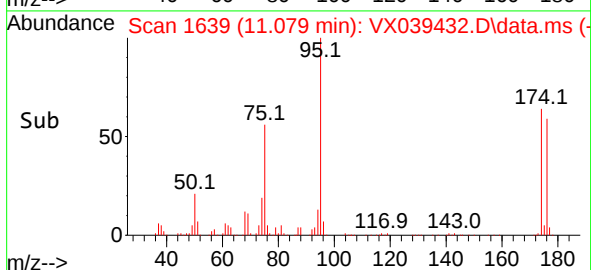
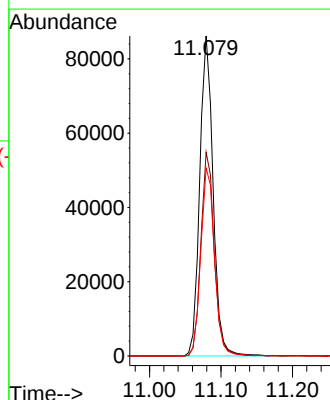
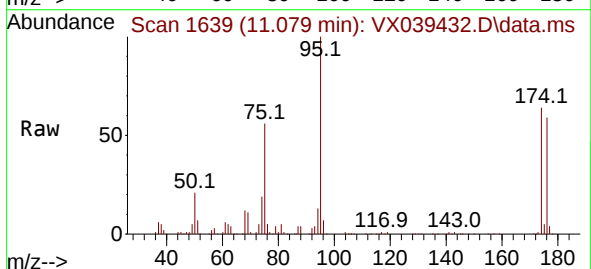
Instrument :
MSVOA_X
ClientSampleId :
VX1222MBL01

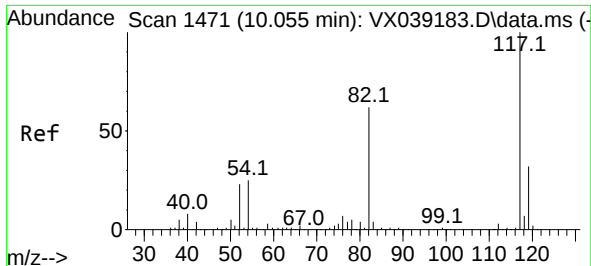
Tgt Ion: 98 Resp: 254442
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion: 95 Resp: 111553
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.6
176 60.4 0.0 131.0

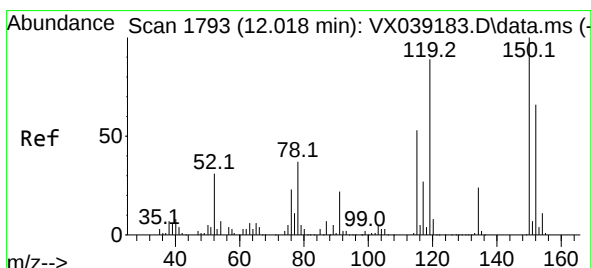
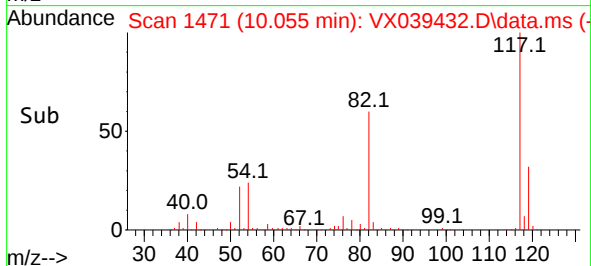
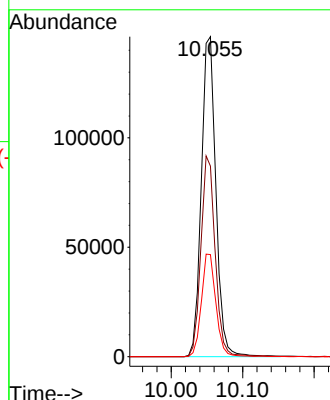
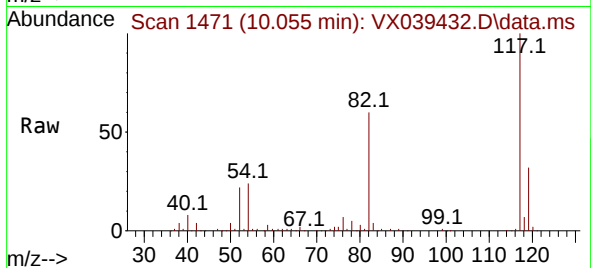




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX1222MBL01

Tgt Ion:117 Resp: 206848
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 31.9 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: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion:152 Resp: 103492
Ion Ratio Lower Upper
152 100
115 66.1 43.3 129.9
150 155.0 0.0 345.0

