

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039197.D
 Acq On : 14 Dec 2023 10:32
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

Quant Time: Dec 15 02:56:21 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	5.550	168	108141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94041	47.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.385	113	73385	48.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	279933	49.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	125560	53.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%

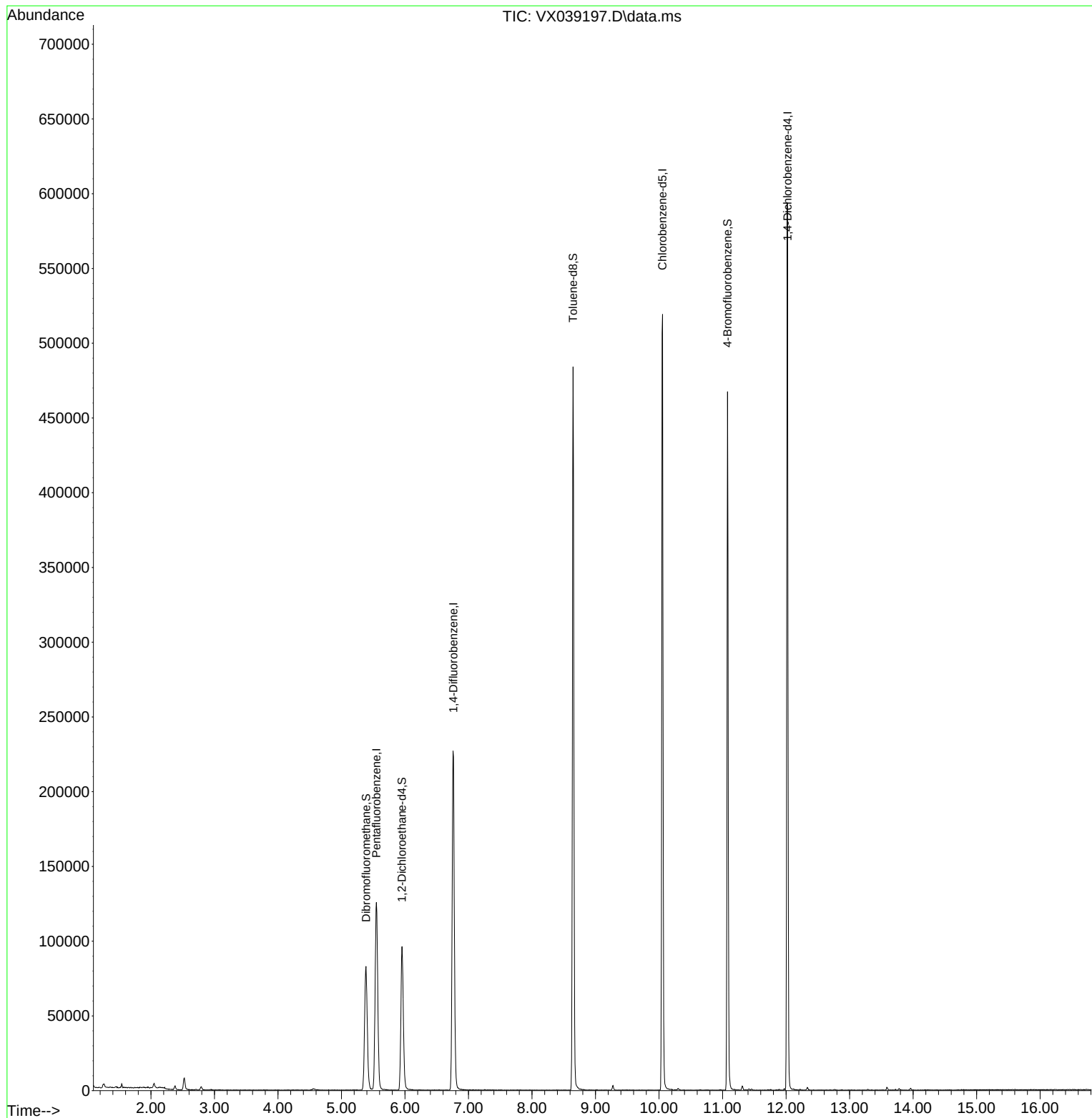
Target Compounds	Qvalue

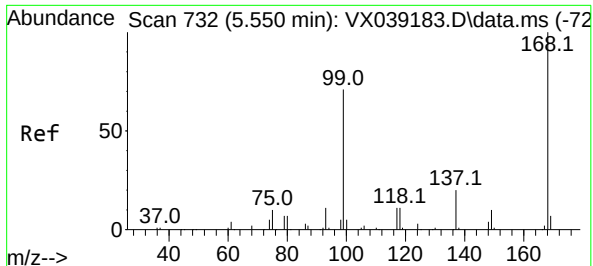
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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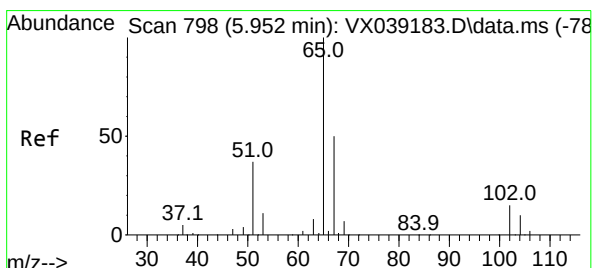
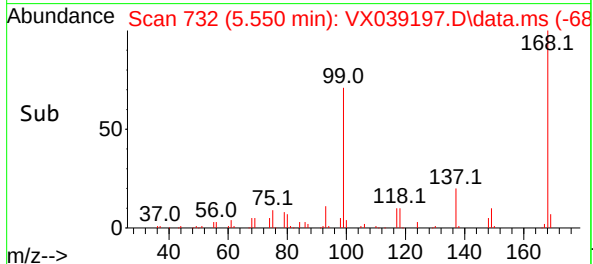
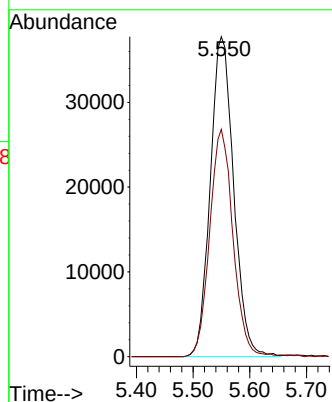
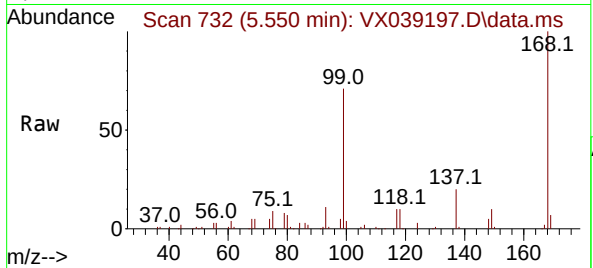




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

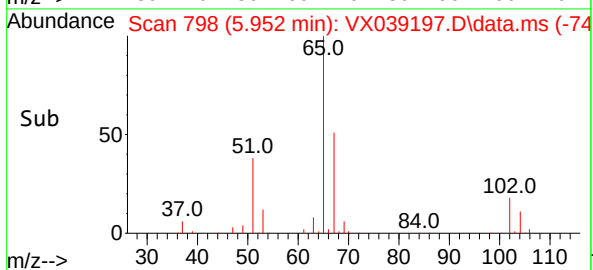
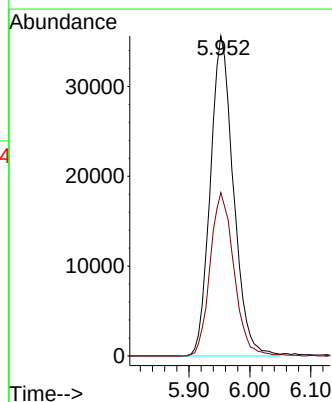
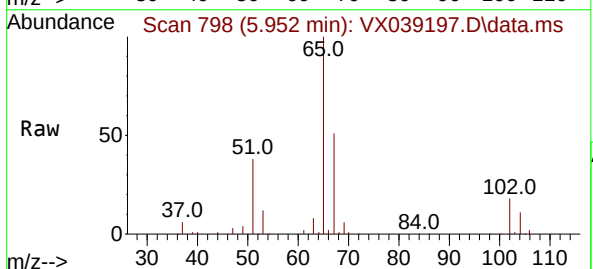
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

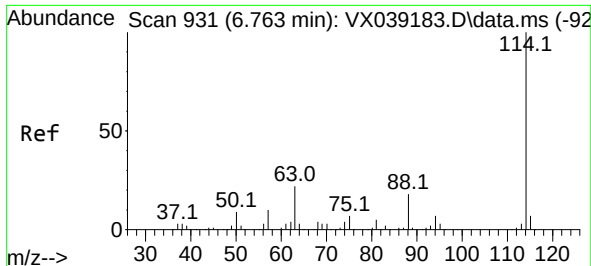
Tgt Ion:168 Resp: 108141
Ion Ratio Lower Upper
168 100
99 71.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.470 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion: 65 Resp: 94041
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

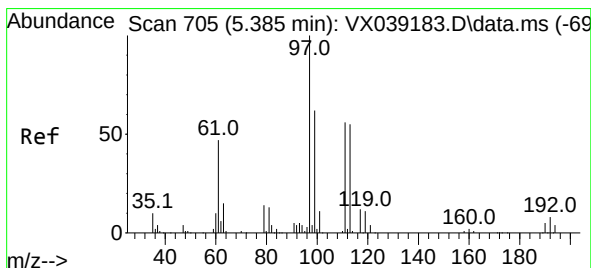
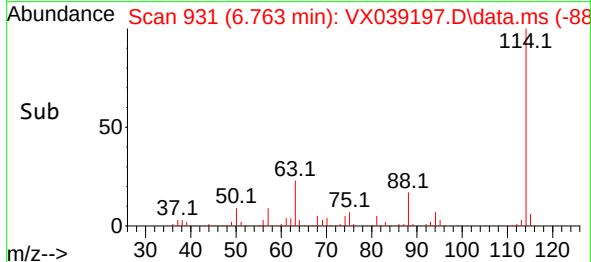
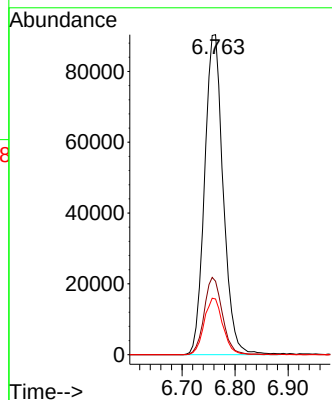
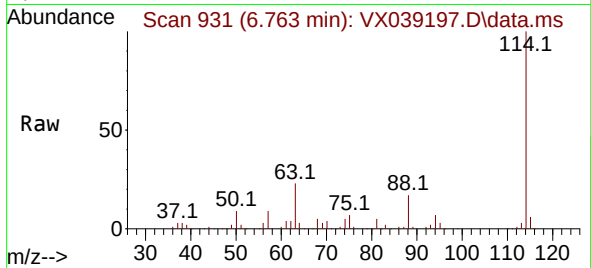




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

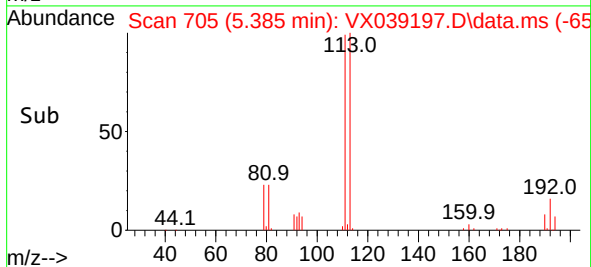
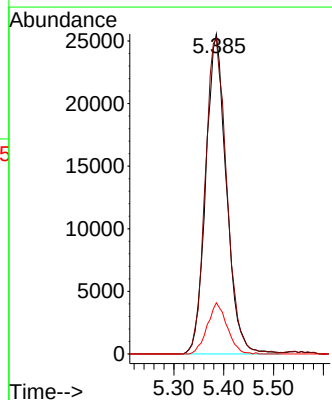
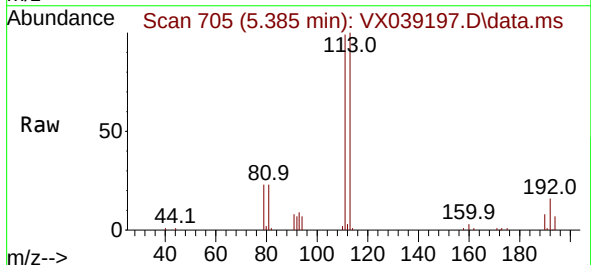
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

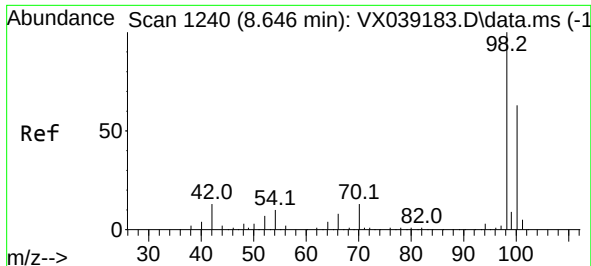
Tgt Ion:114 Resp: 220087
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion:113 Resp: 73385
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 15.4 13.3 19.9





#50

Toluene-d8

Concen: 49.592 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039197.D

Acq: 14 Dec 2023 10:32

Instrument :

MSVOA_X

ClientSampleId :

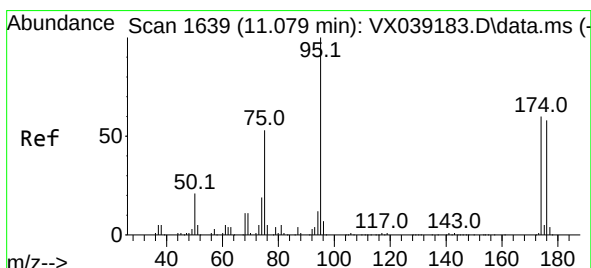
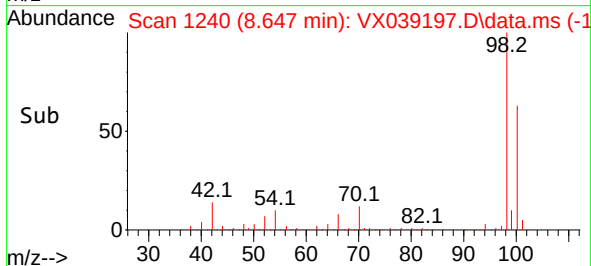
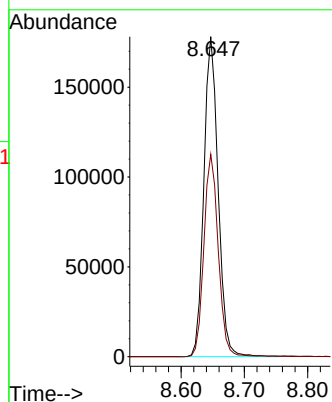
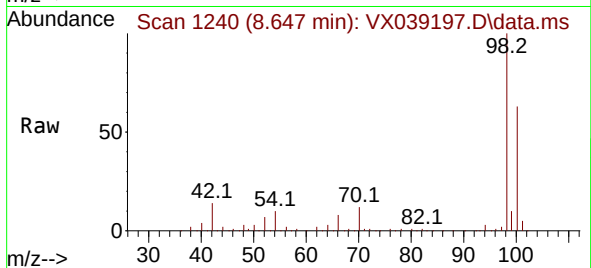
VX1214WBL01

Tgt Ion: 98 Resp: 279933

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.911 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039197.D

Acq: 14 Dec 2023 10:32

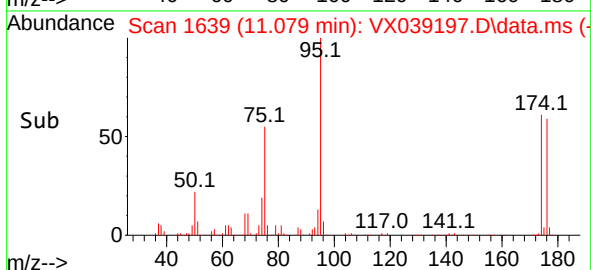
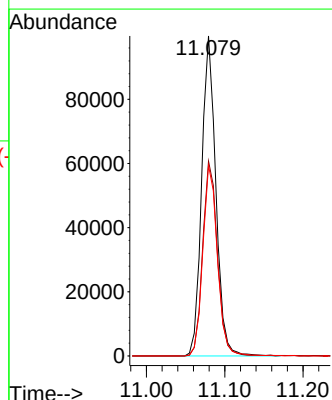
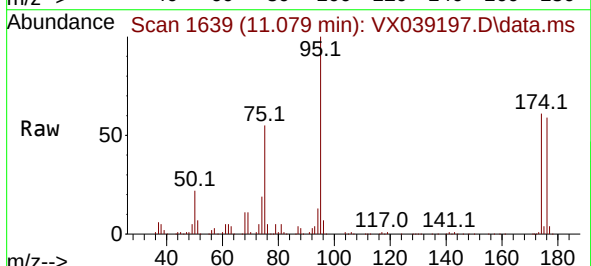
Tgt Ion: 95 Resp: 125560

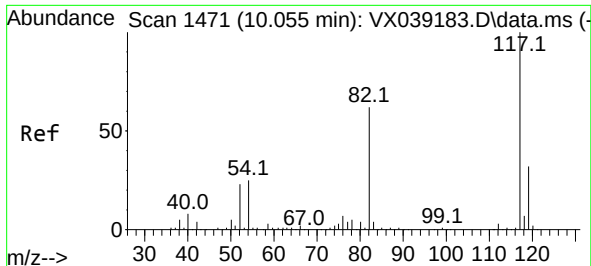
Ion Ratio Lower Upper

95 100

174 63.3 0.0 135.6

176 61.1 0.0 131.0

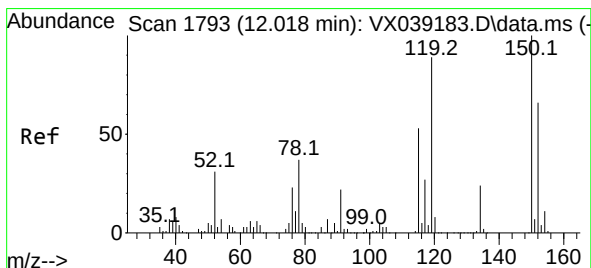
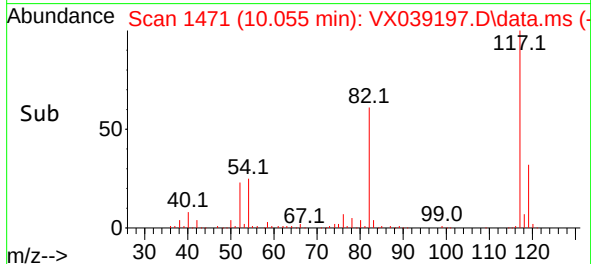
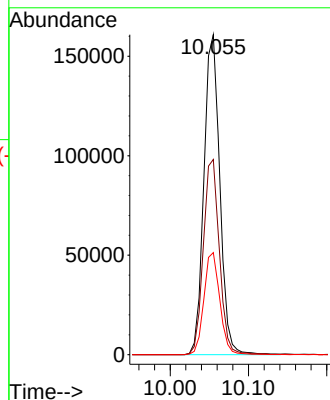
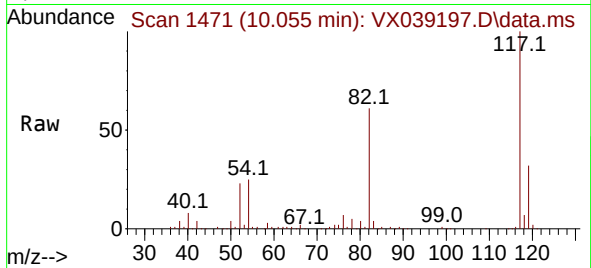




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tgt Ion:117 Resp: 226632
Ion Ratio Lower Upper
117 100
82 61.0 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: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion:152 Resp: 114304
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 155.6 0.0 345.0

