

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035951.D
 Acq On : 01 Jun 2023 11:47
 Operator : JC/MD
 Sample : VX0601WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBL02

Quant Time: Jun 02 01:39:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	229692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153801	41.235	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.480%
35) Dibromofluoromethane	5.385	113	113815	45.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.647	98	436187	48.353	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	167171	46.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.880%

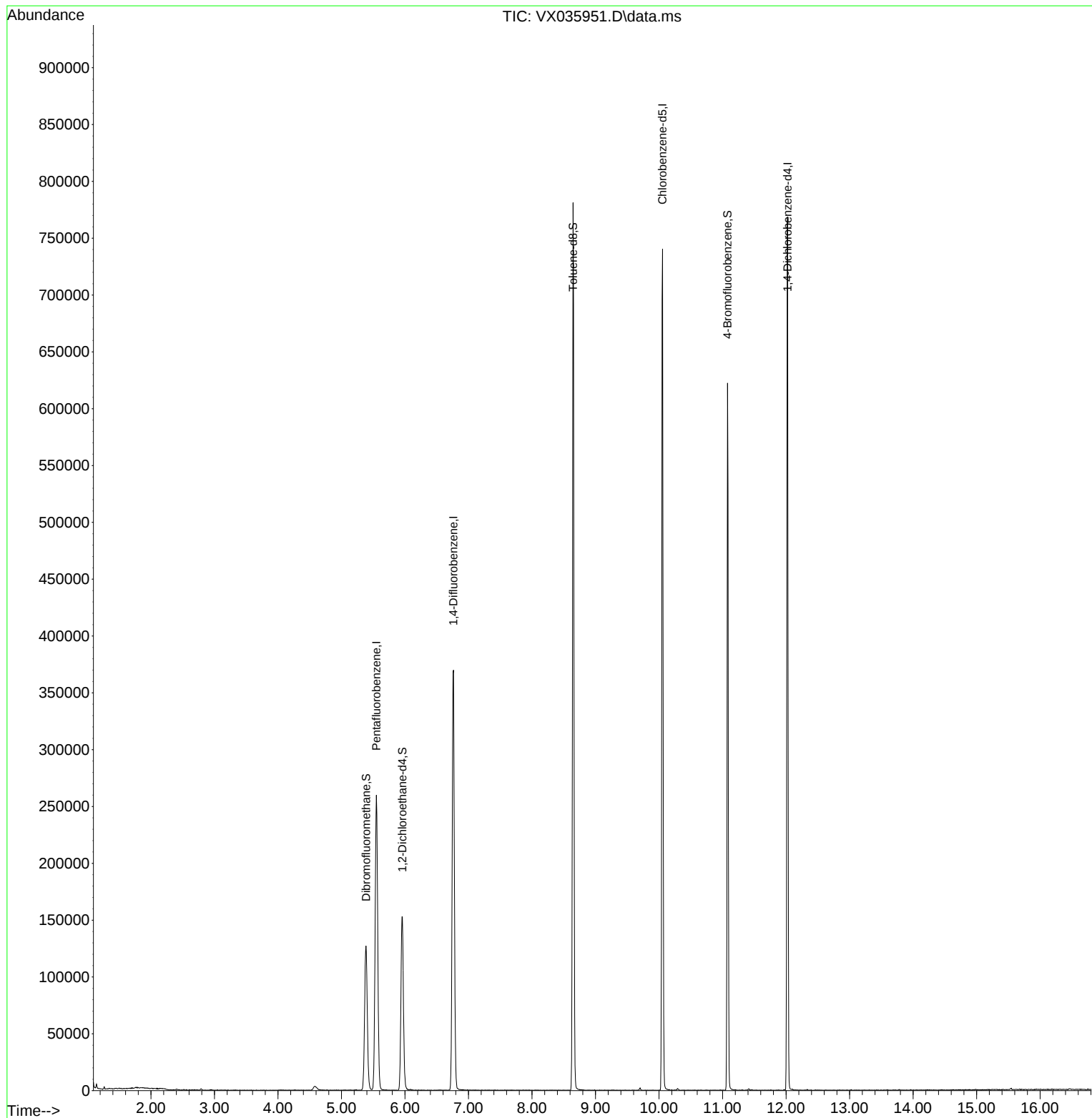
Target Compounds	Qvalue

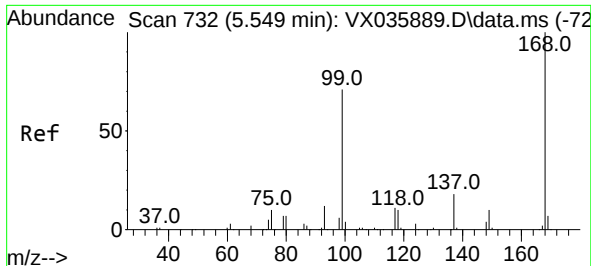
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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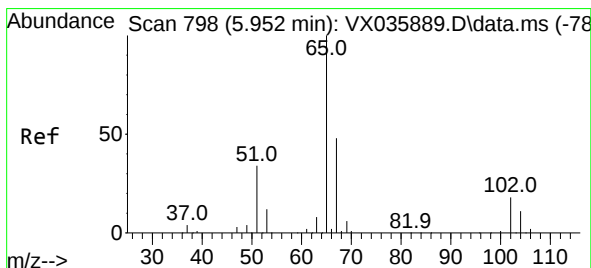
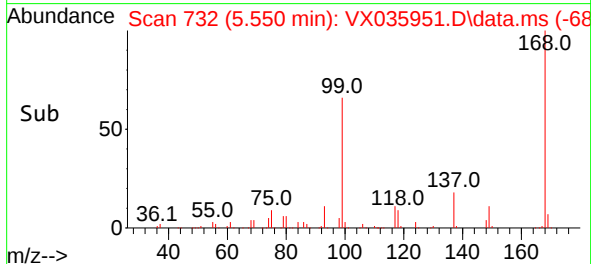
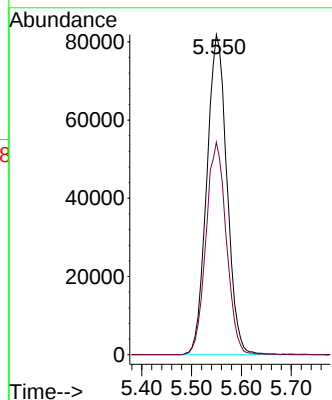
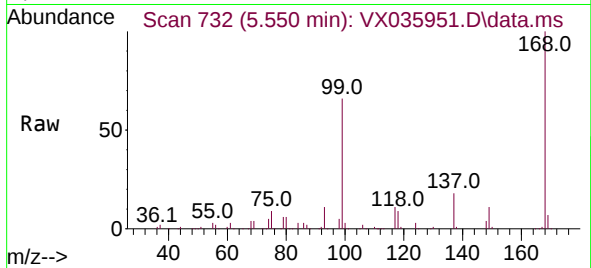




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035951.D
Acq: 01 Jun 2023 11:47

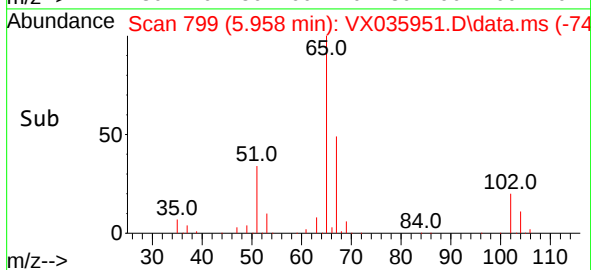
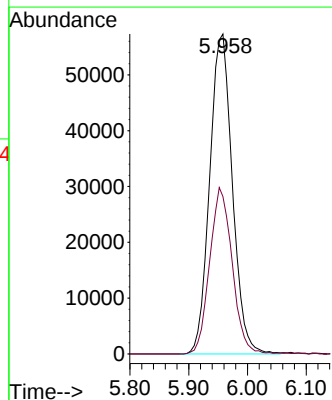
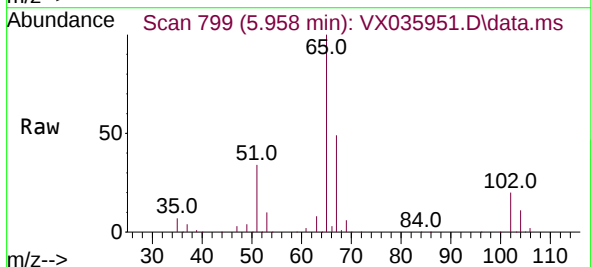
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

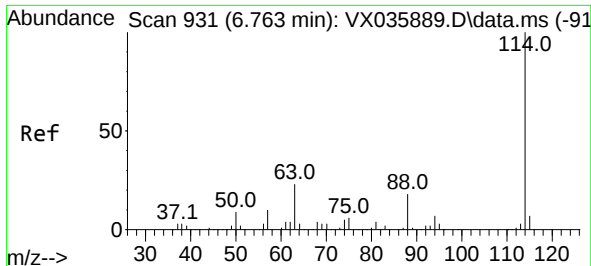
Tgt Ion:168 Resp: 229692
Ion Ratio Lower Upper
168 100
99 66.4 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 41.235 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035951.D
Acq: 01 Jun 2023 11:47

Tgt Ion: 65 Resp: 153801
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.6

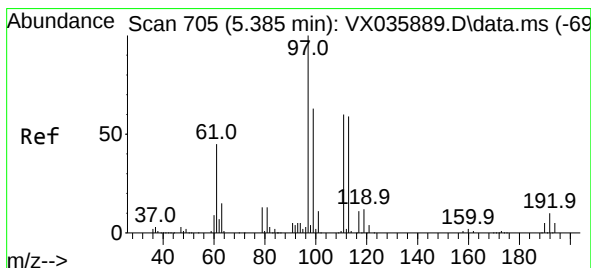
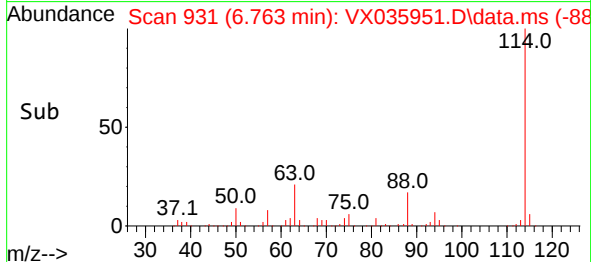
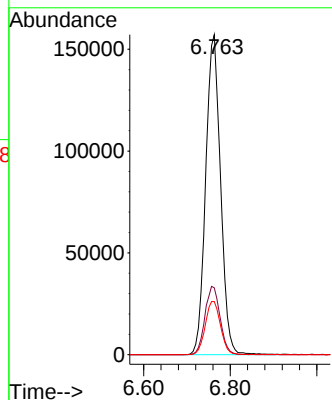
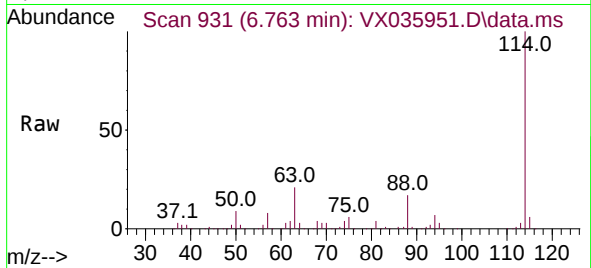




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035951.D
Acq: 01 Jun 2023 11:47

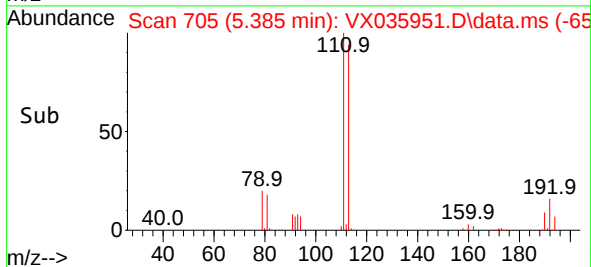
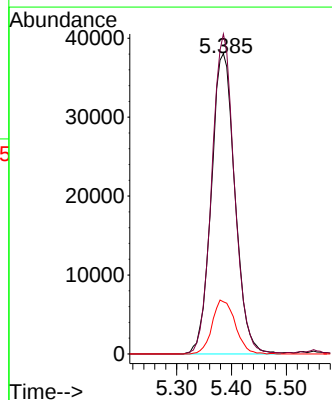
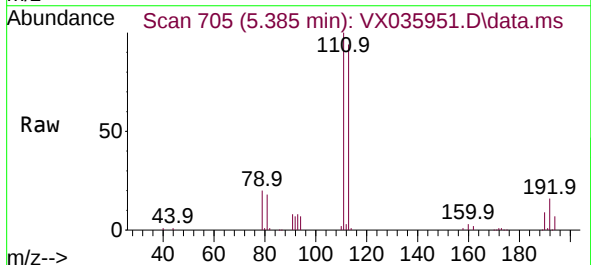
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

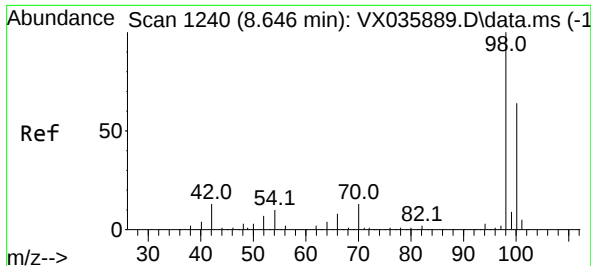
Tgt Ion:114 Resp: 373706
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.0
88 16.6 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.281 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035951.D
Acq: 01 Jun 2023 11:47

Tgt Ion:113 Resp: 113815
Ion Ratio Lower Upper
113 100
111 102.4 81.7 122.5
192 17.5 13.5 20.3





#50

Toluene-d8

Concen: 48.353 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035951.D

Acq: 01 Jun 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

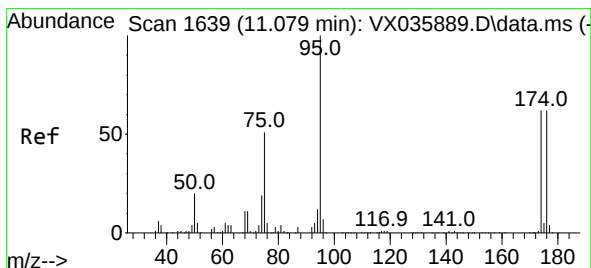
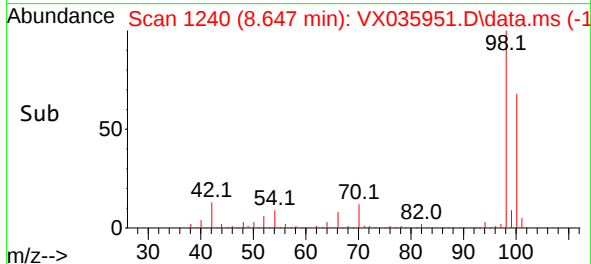
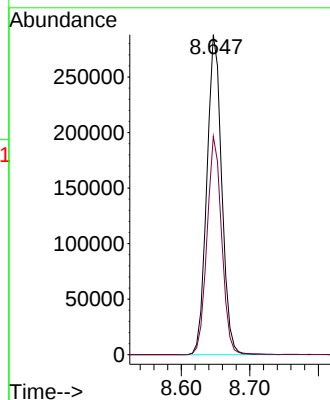
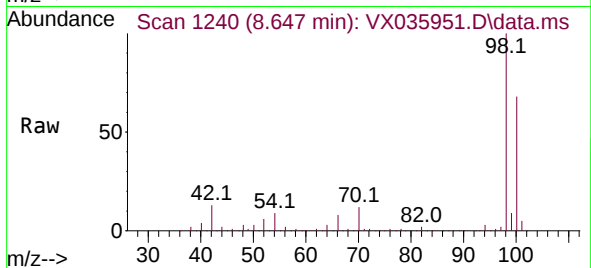
VX0601WBL02

Tgt Ion: 98 Resp: 436187

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 46.944 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035951.D

Acq: 01 Jun 2023 11:47

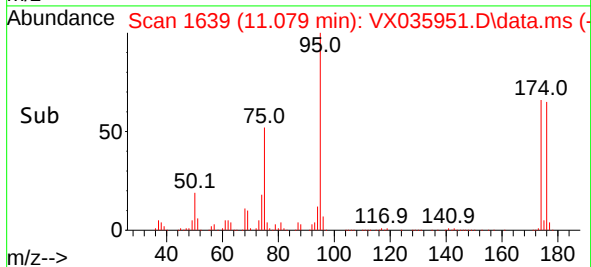
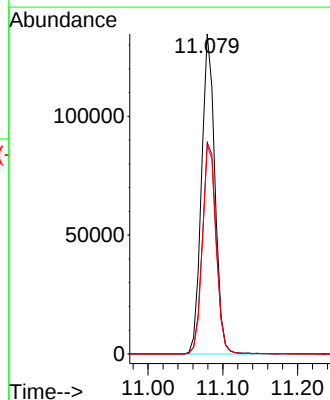
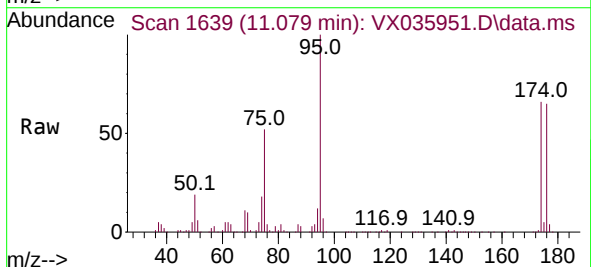
Tgt Ion: 95 Resp: 167171

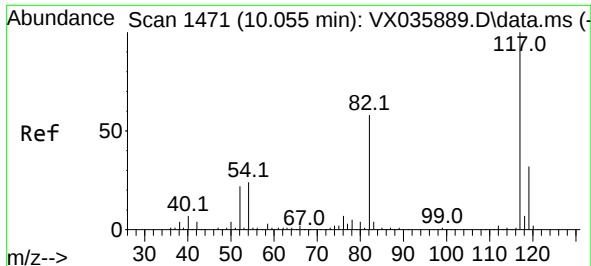
Ion Ratio Lower Upper

95 100

174 68.4 0.0 132.6

176 66.4 0.0 128.0

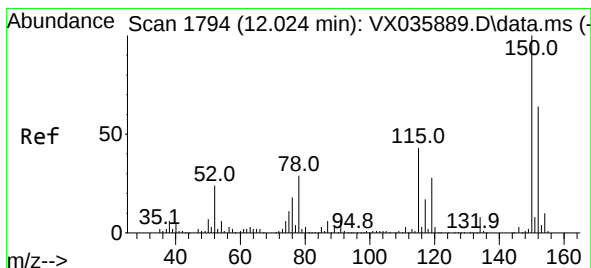
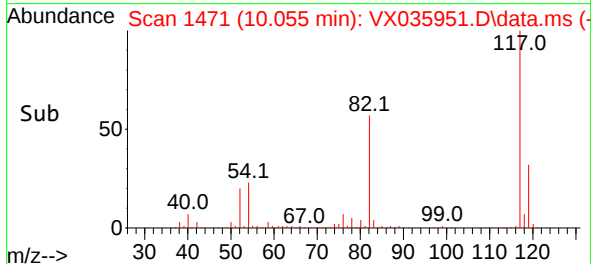
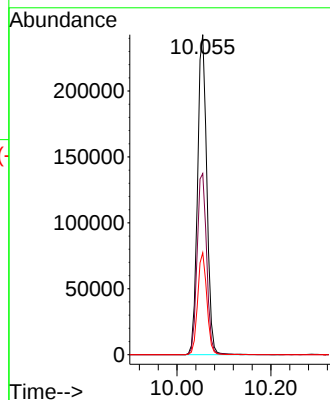
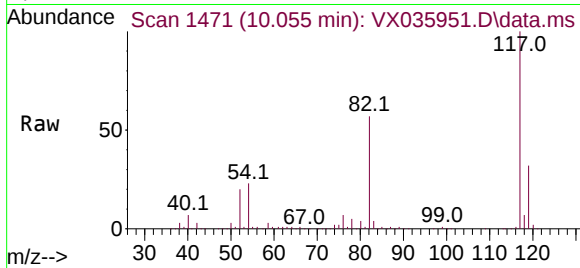




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035951.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL02

Tgt Ion:117 Resp: 334772
Ion Ratio Lower Upper
117 100
82 56.6 46.6 69.8
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035951.D
Acq: 01 Jun 2023 11:47

Tgt Ion:152 Resp: 157041
Ion Ratio Lower Upper
152 100
115 63.7 45.5 136.5
150 157.1 0.0 345.2

