

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034909.D
 Acq On : 01 Apr 2023 07:42
 Operator : JC/MD
 Sample : 02159-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-2

Quant Time: Apr 03 02:11:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	265886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205906	50.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.280%
35) Dibromofluoromethane	5.385	113	143182	47.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.647	98	547352	49.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	205184	47.823	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.640%

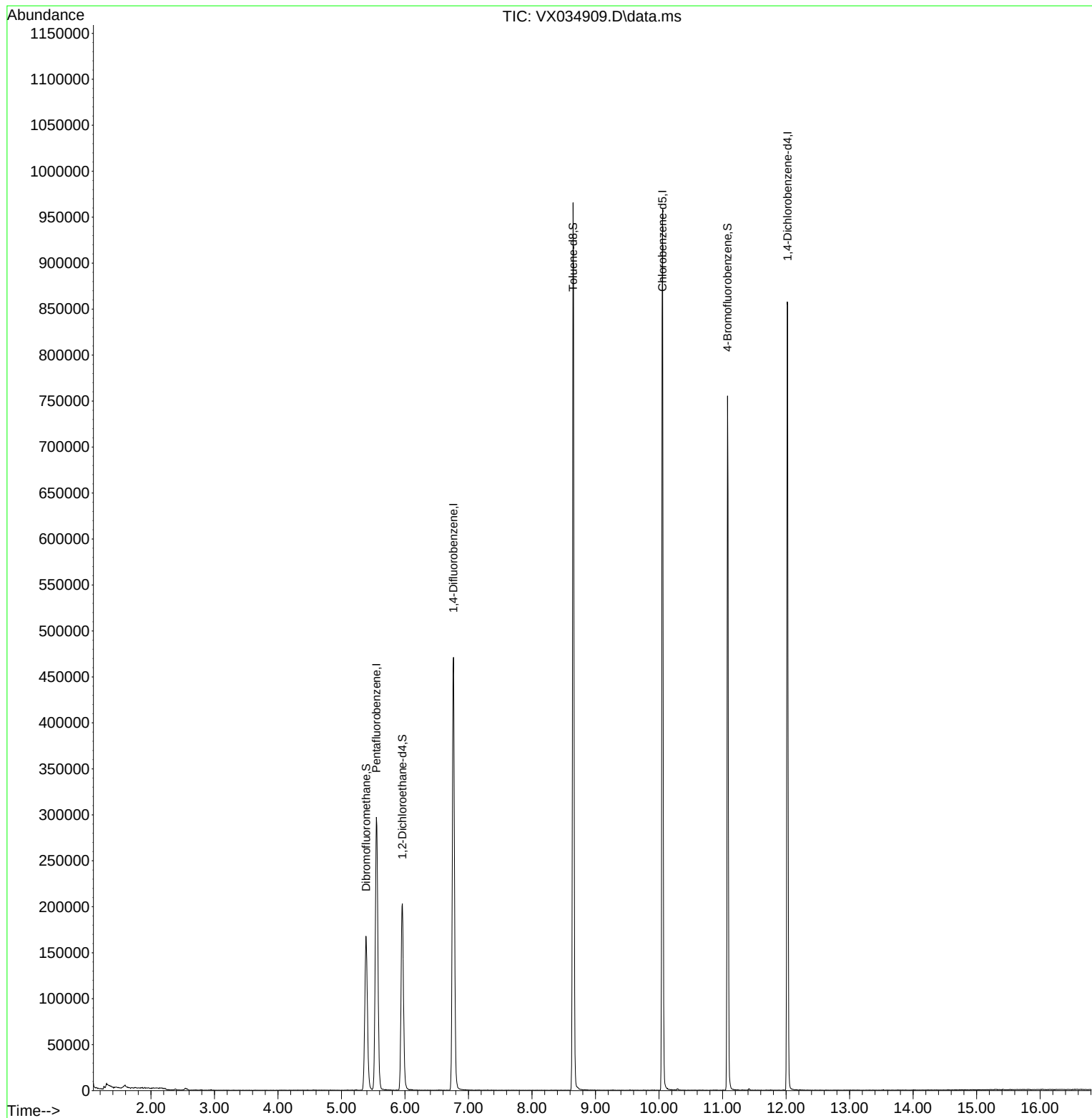
Target Compounds	Qvalue

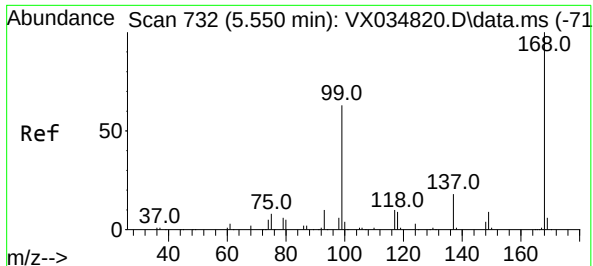
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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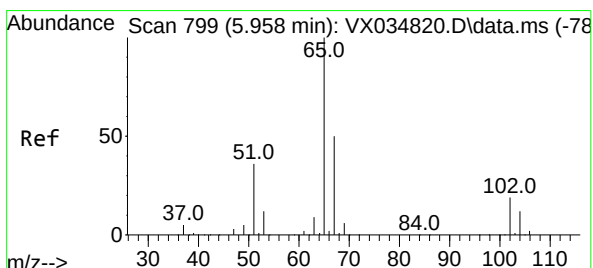
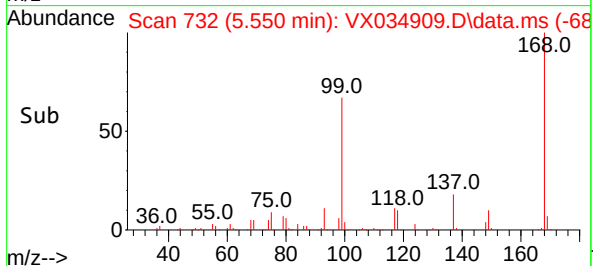
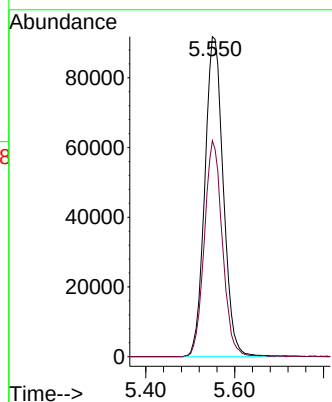
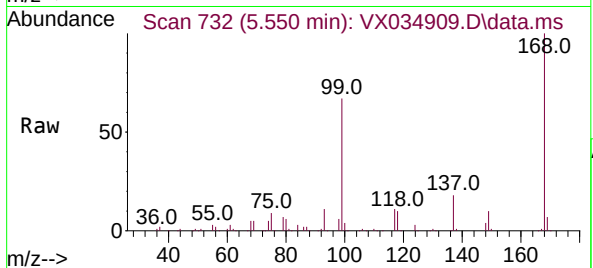




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

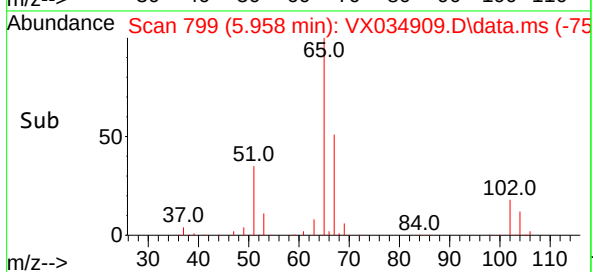
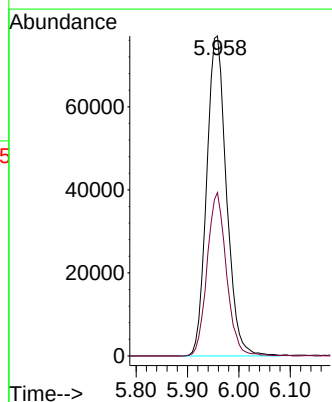
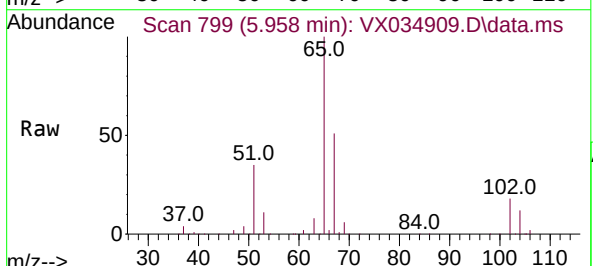
Instrument :
MSVOA_X
ClientSampleId :
MP-2

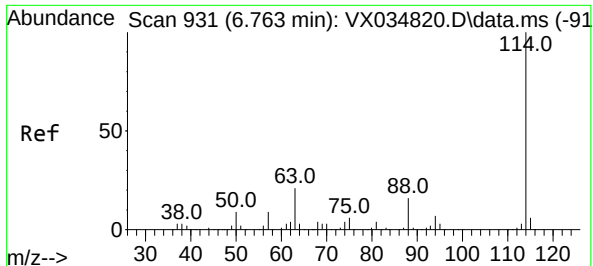
Tgt Ion:168 Resp: 265886
Ion Ratio Lower Upper
168 100
99 67.5 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion: 65 Resp: 205906
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX034909.D

Acq: 01 Apr 2023 07:42

Instrument :

MSVOA_X

ClientSampleId :

MP-2

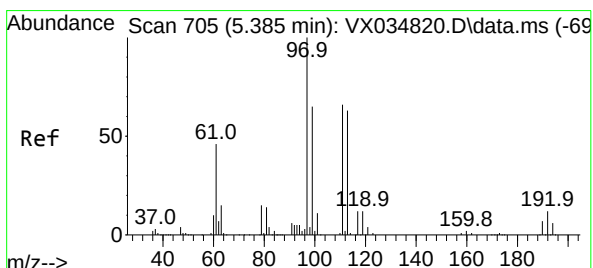
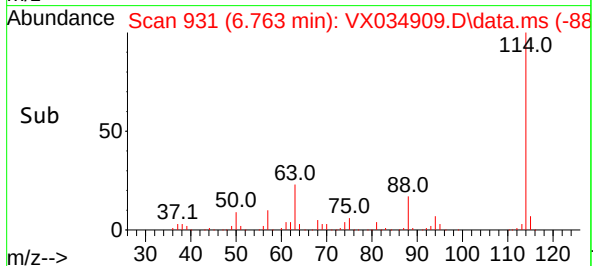
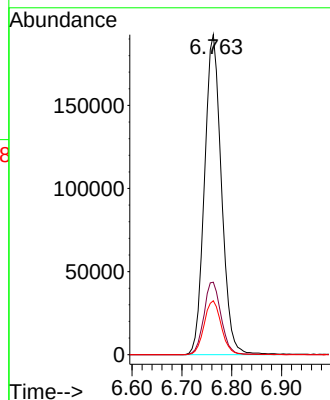
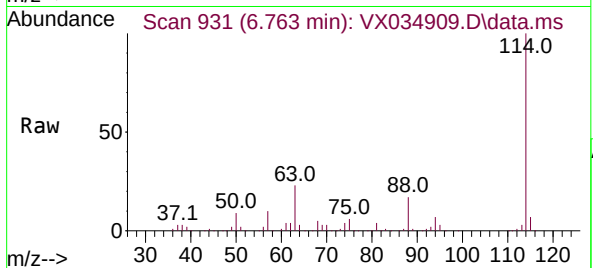
Tgt Ion:114 Resp: 454142

Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.667 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034909.D

Acq: 01 Apr 2023 07:42

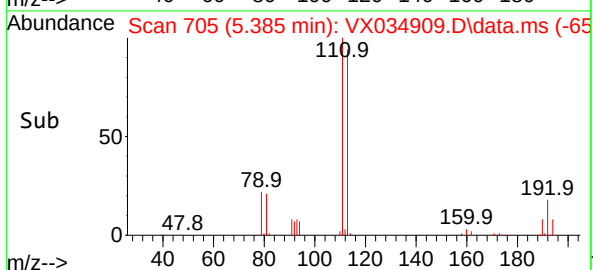
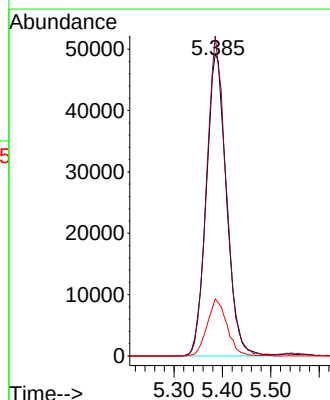
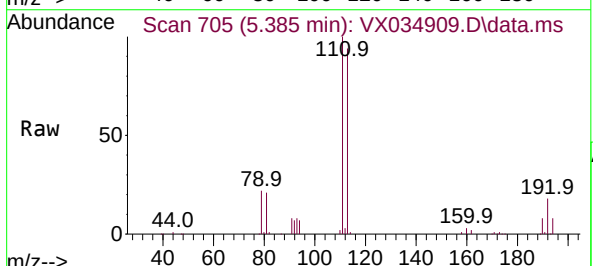
Tgt Ion:113 Resp: 143182

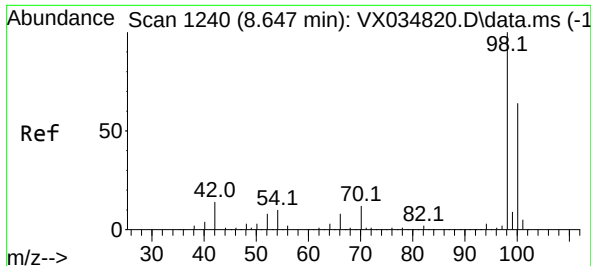
Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 18.4 15.4 23.2

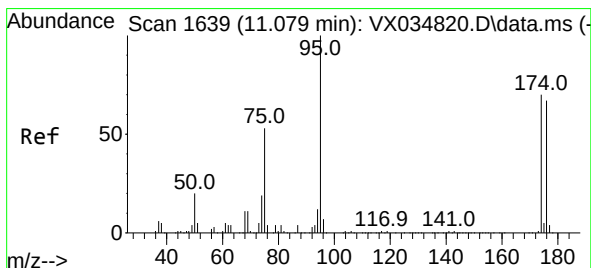
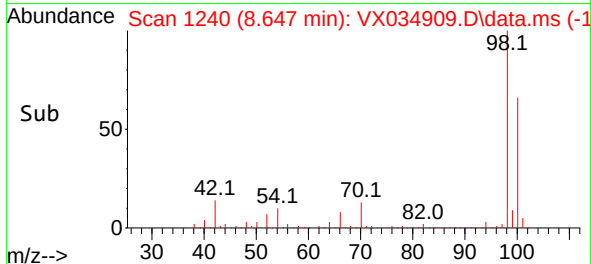
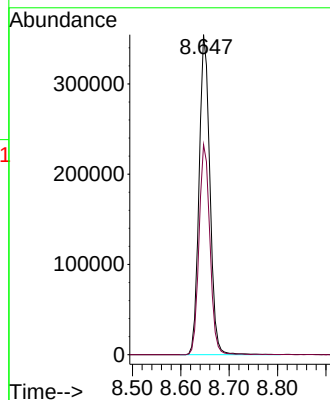
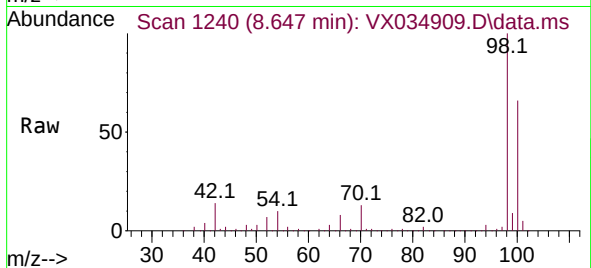




#50
Toluene-d8
Concen: 49.368 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

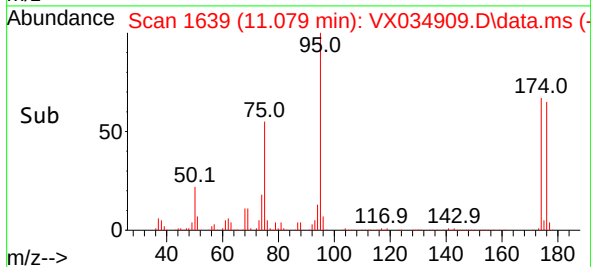
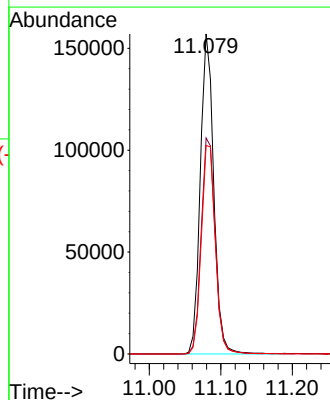
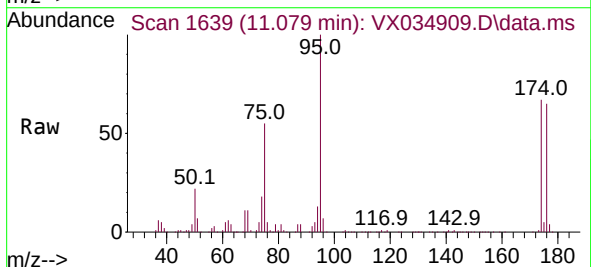
Instrument :
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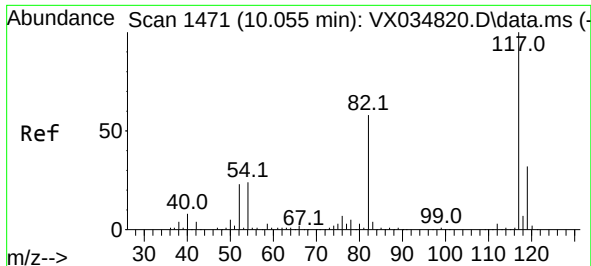
Tgt Ion: 98 Resp: 547352
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion: 95 Resp: 205184
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 67.9 0.0 140.6

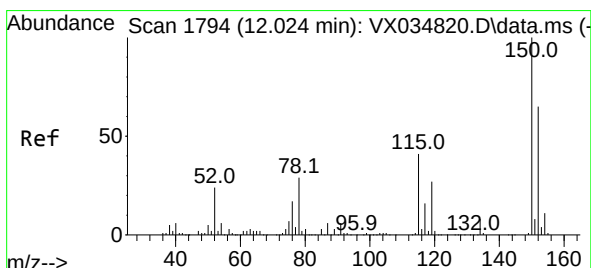
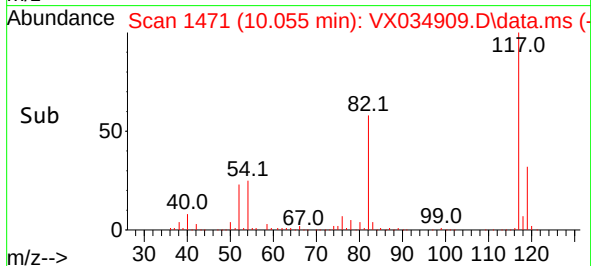
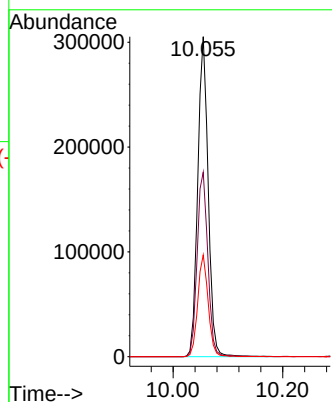
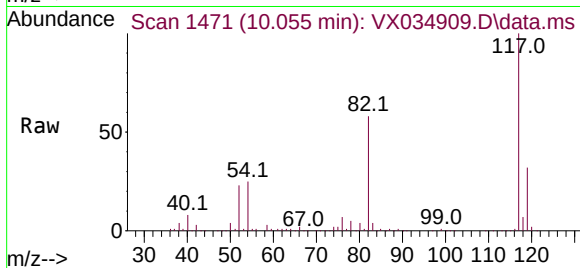




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Instrument :
MSVOA_X
ClientSampleId :
MP-2

Tgt Ion:117 Resp: 405857
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion:152 Resp: 176515
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 156.4 0.0 352.4

