

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034636.D
 Acq On : 20 Mar 2023 18:30
 Operator : JC/MD
 Sample : 02012-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-3-19

Quant Time: Mar 21 01:46:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	279952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	204372	50.181	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.360%
35) Dibromofluoromethane	5.385	113	147523	47.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.647	98	562395	48.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	222140	47.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%

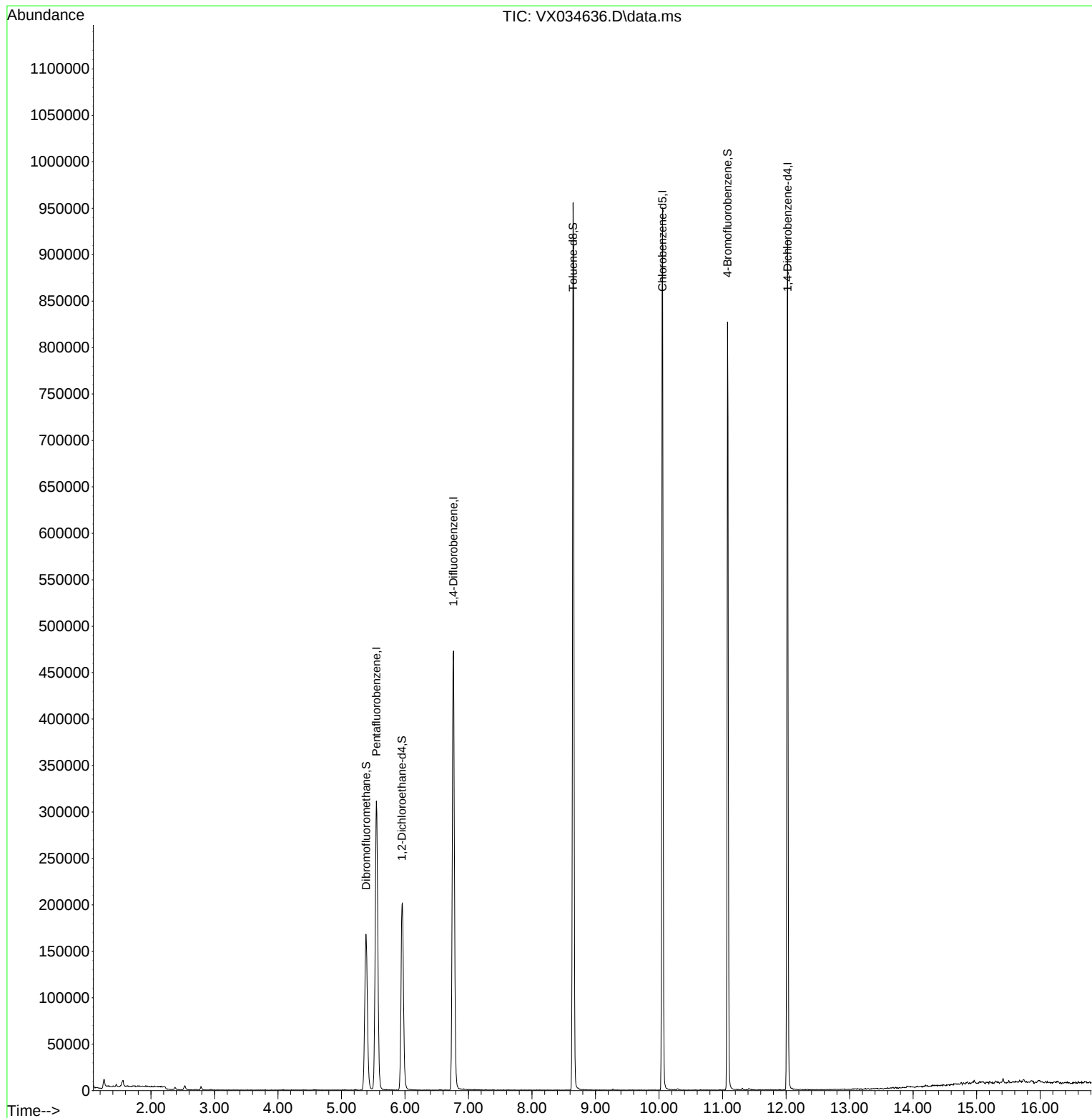
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
Data File : VX034636.D
Acq On : 20 Mar 2023 18:30
Operator : JC/MD
Sample : 02012-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-3-19

Quant Time: Mar 21 01:46:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

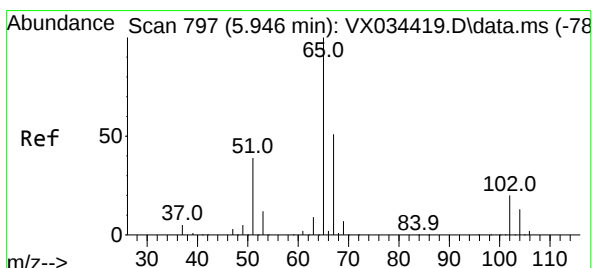
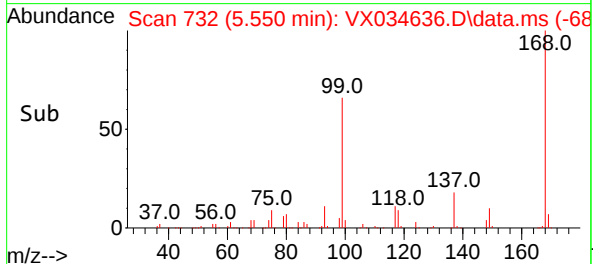
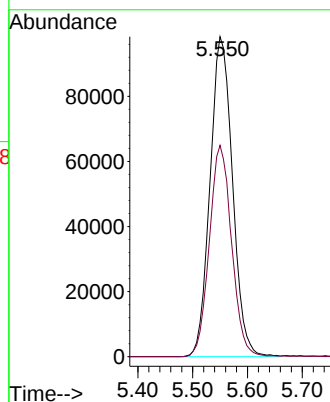
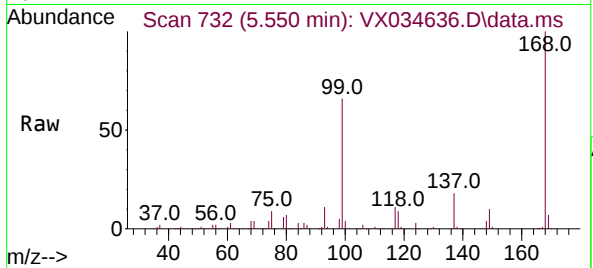




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034636.D
Acq: 20 Mar 2023 18:30

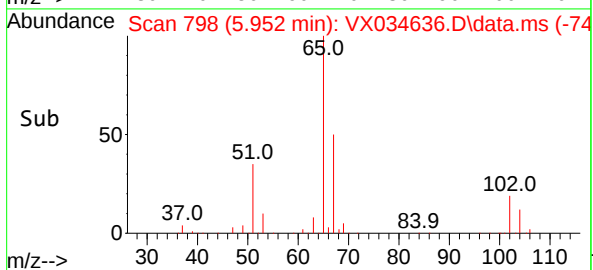
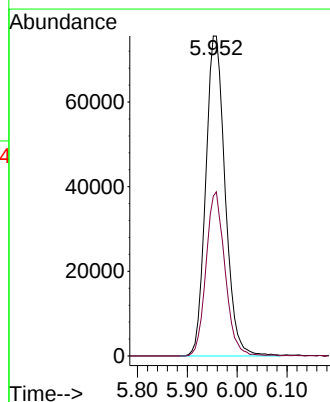
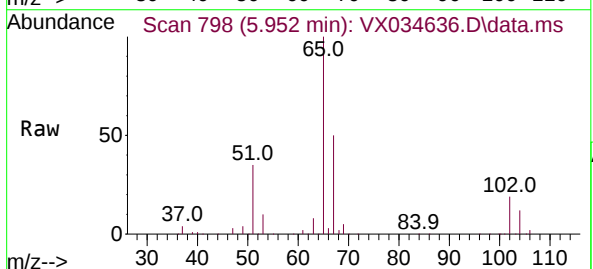
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-3-19

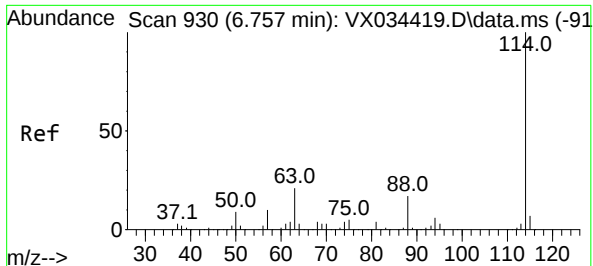
Tgt Ion:168 Resp: 279952
Ion Ratio Lower Upper
168 100
99 66.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.181 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034636.D
Acq: 20 Mar 2023 18:30

Tgt Ion: 65 Resp: 204372
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034636.D

Acq: 20 Mar 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

TB-2023-3-19

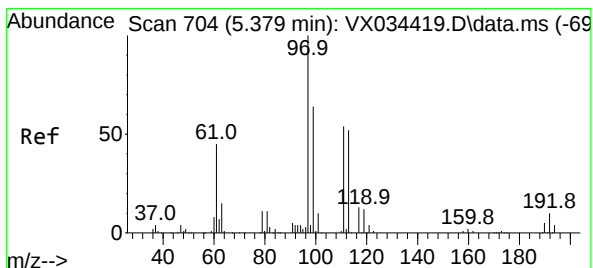
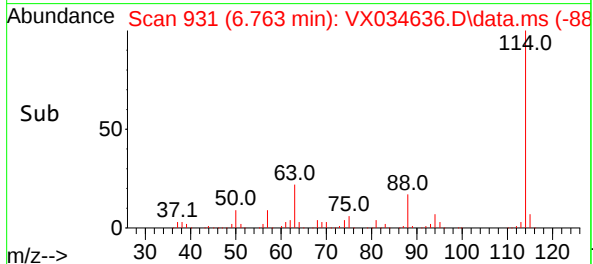
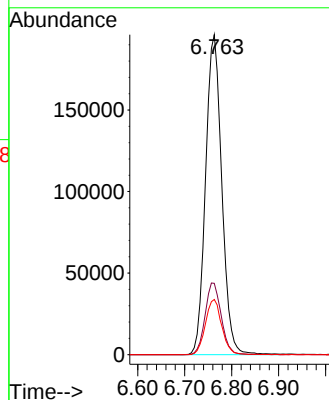
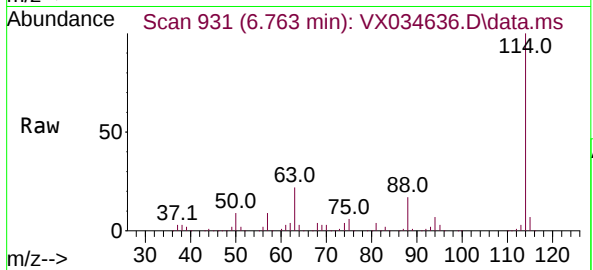
Tgt Ion:114 Resp: 469669

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 17.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.573 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034636.D

Acq: 20 Mar 2023 18:30

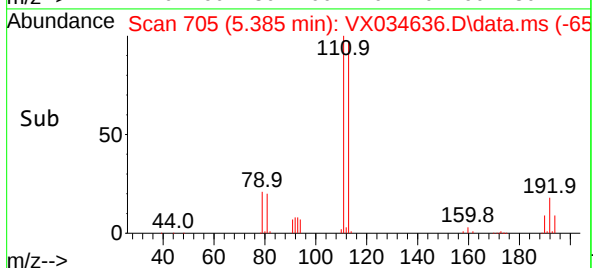
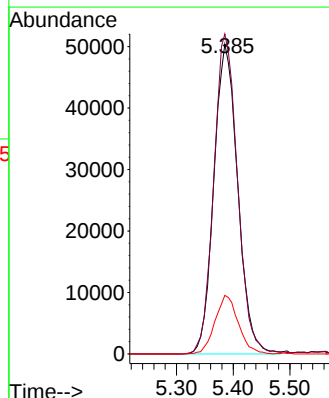
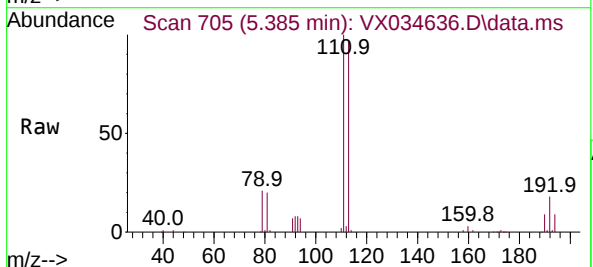
Tgt Ion:113 Resp: 147523

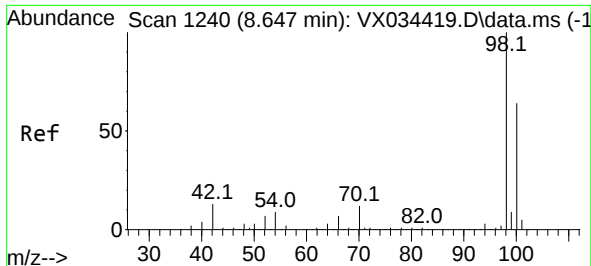
Ion Ratio Lower Upper

113 100

111 102.8 83.7 125.5

192 18.5 15.4 23.2

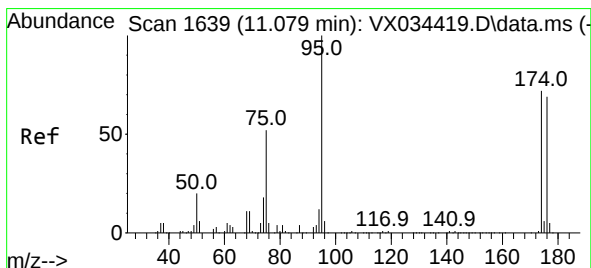
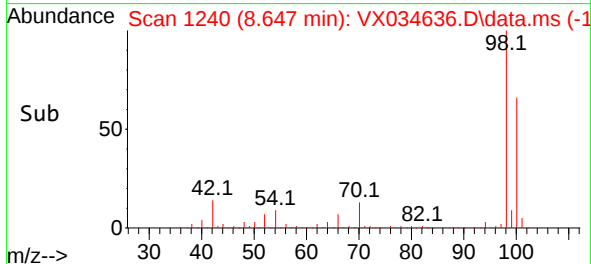
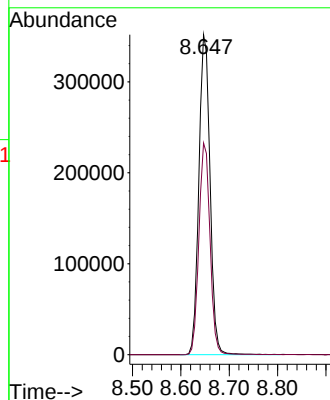
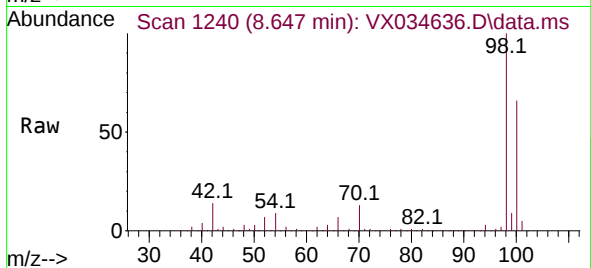




#50
Toluene-d8
Concen: 48.582 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034636.D
Acq: 20 Mar 2023 18:30

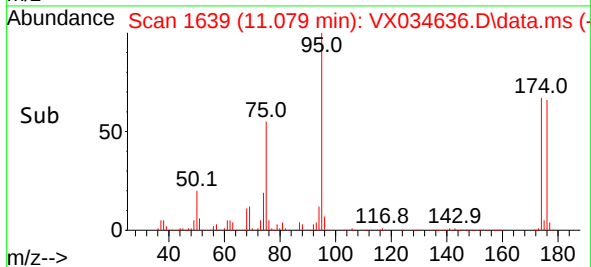
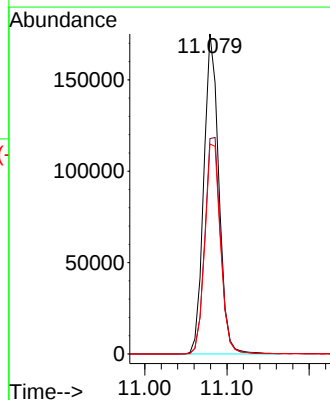
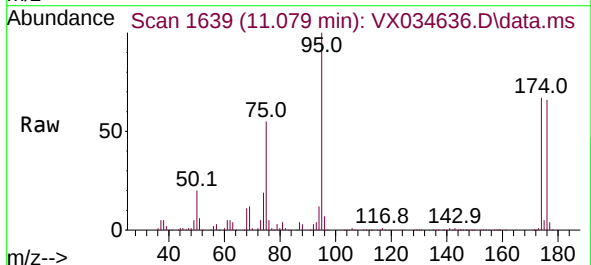
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-3-19

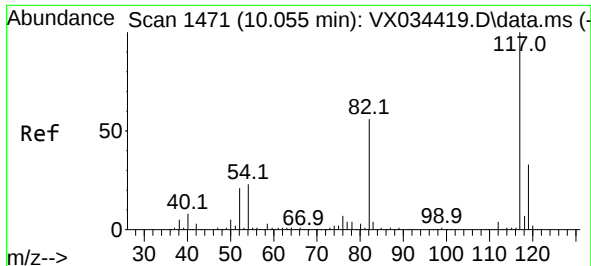
Tgt Ion: 98 Resp: 562395
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034636.D
Acq: 20 Mar 2023 18:30

Tgt Ion: 95 Resp: 222140
Ion Ratio Lower Upper
95 100
174 71.2 0.0 147.4
176 68.7 0.0 140.6

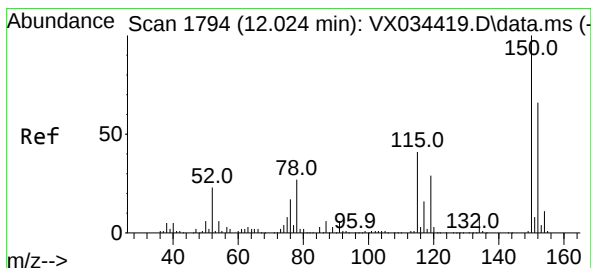
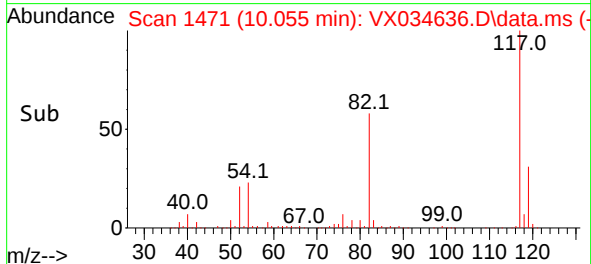
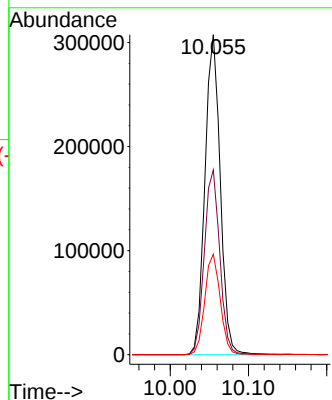
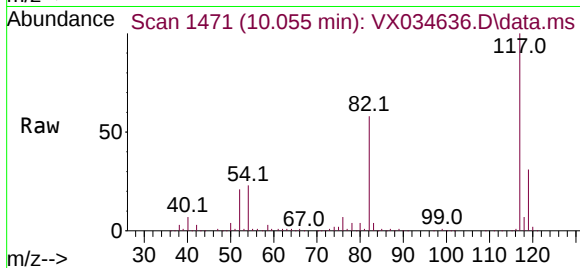




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034636.D
Acq: 20 Mar 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-3-19

Tgt Ion:117 Resp: 416145
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 31.4 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: VX034636.D
Acq: 20 Mar 2023 18:30

Tgt Ion:152 Resp: 178807
Ion Ratio Lower Upper
152 100
115 64.9 45.0 135.0
150 159.6 0.0 352.4

