

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039196.D
 Acq On : 14 Dec 2023 10:09
 Operator : JC/MD
 Sample : VX1214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214MBL01

Quant Time: Dec 15 02:55:55 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	5.544	168	110052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	229477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96021	47.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.260%
35) Dibromofluoromethane	5.379	113	74289	47.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.647	98	283190	48.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.079	95	130111	54.454	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.900%

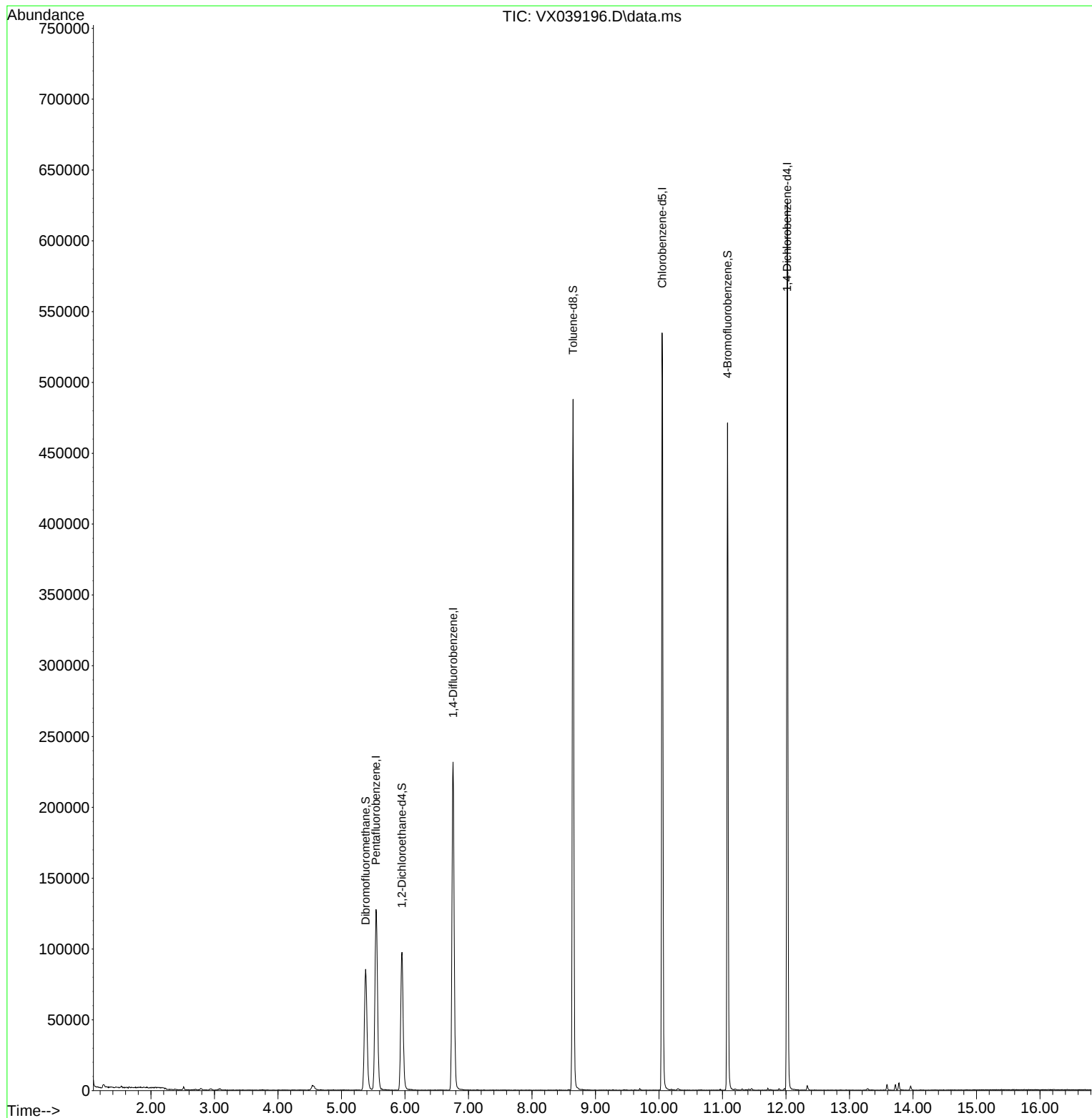
Target Compounds	Qvalue

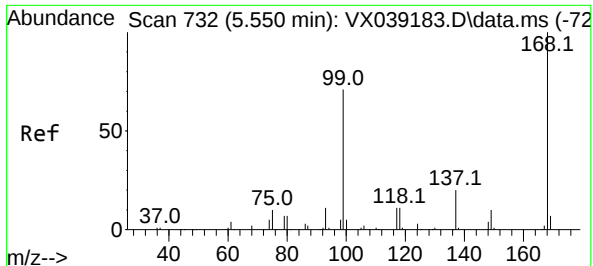
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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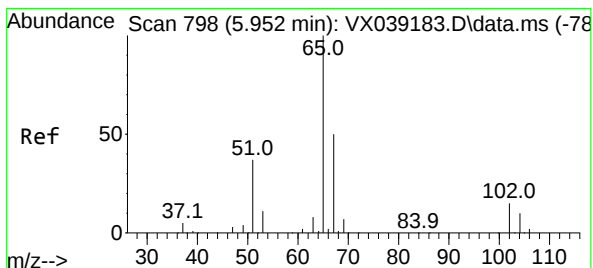
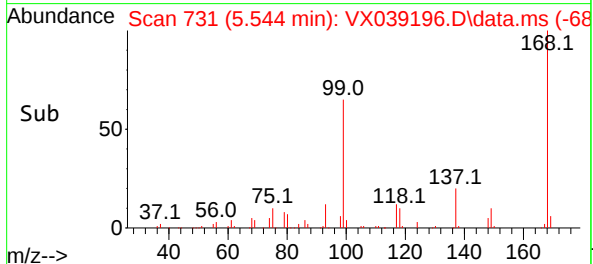
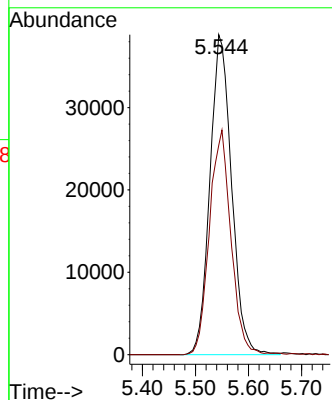
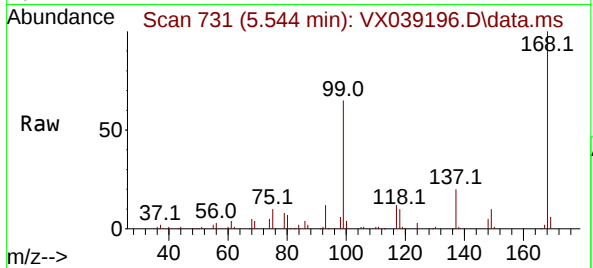




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

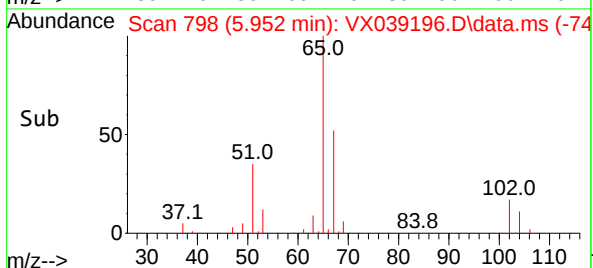
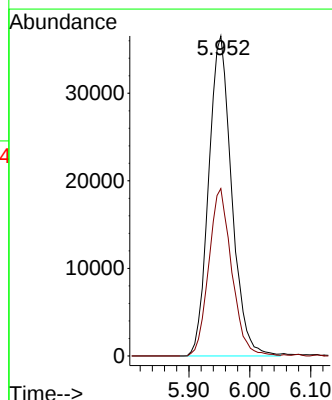
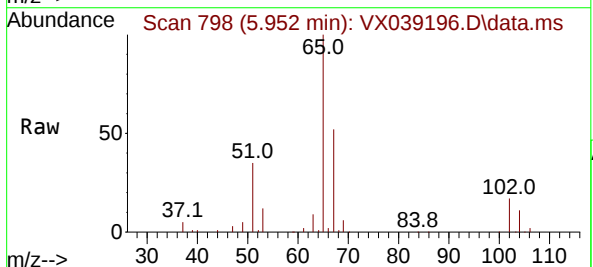
Instrument :
MSVOA_X
ClientSampleId :
VX1214MBL01

Tgt Ion:168 Resp: 110052
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.628 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion: 65 Resp: 96021
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

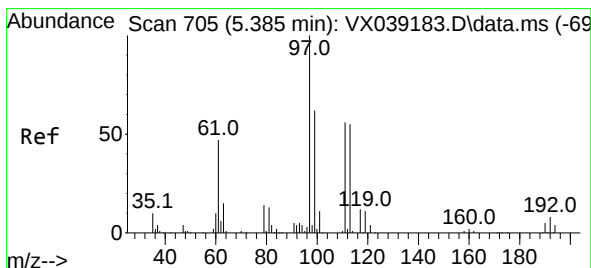
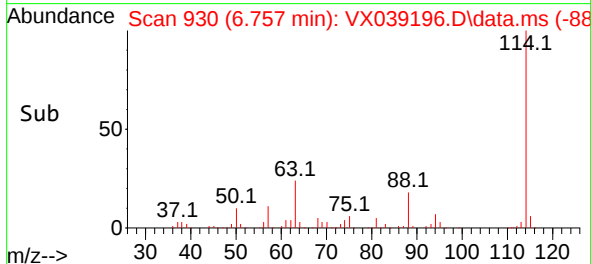
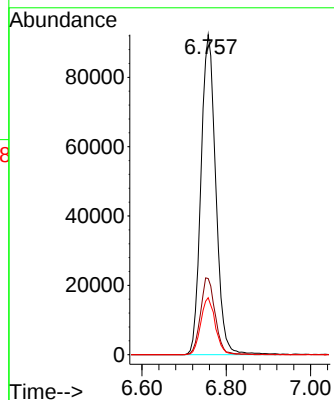
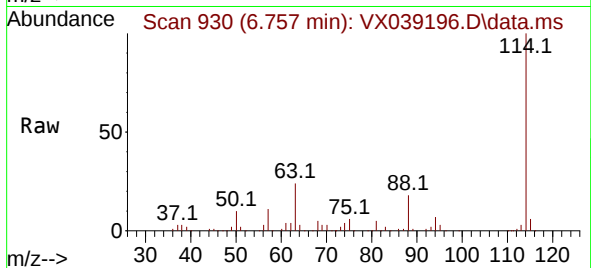




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

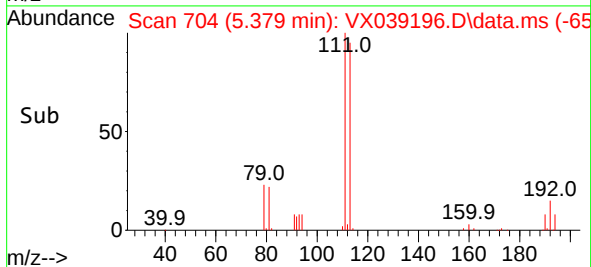
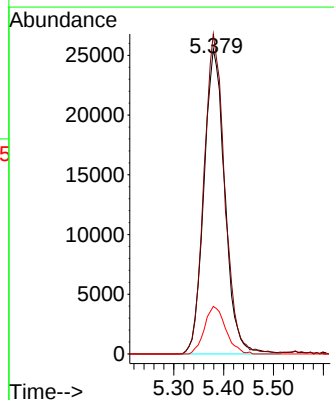
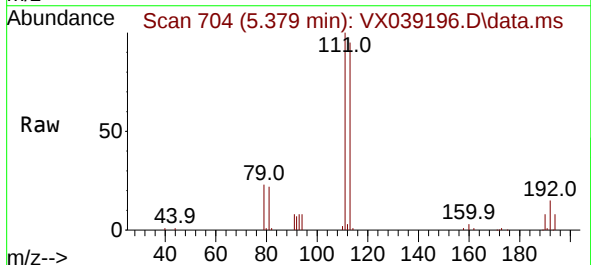
Instrument :
MSVOA_X
ClientSampleId :
VX1214MBL01

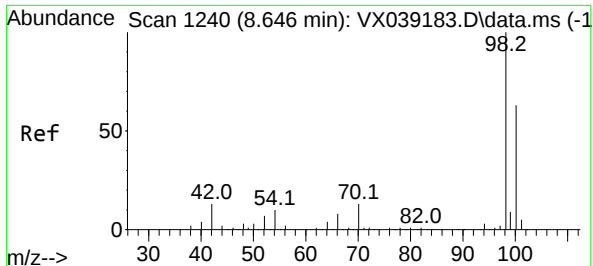
Tgt Ion:114 Resp: 225791
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.625 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion:113 Resp: 74289
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.8 13.3 19.9





#50

Toluene-d8

Concen: 48.901 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

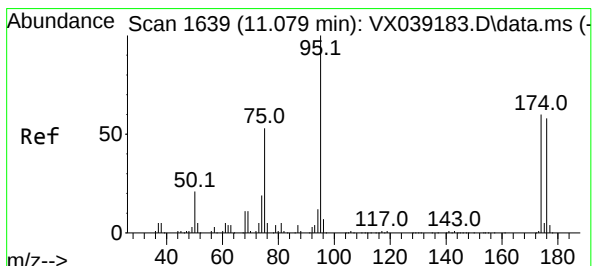
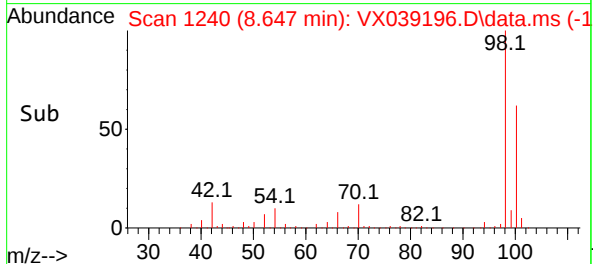
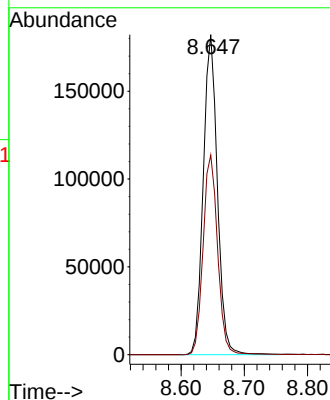
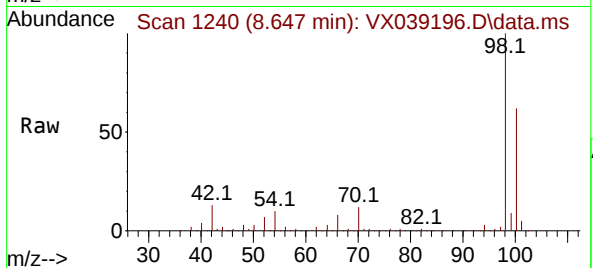
VX1214MBL01

Tgt Ion: 98 Resp: 283190

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 54.454 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

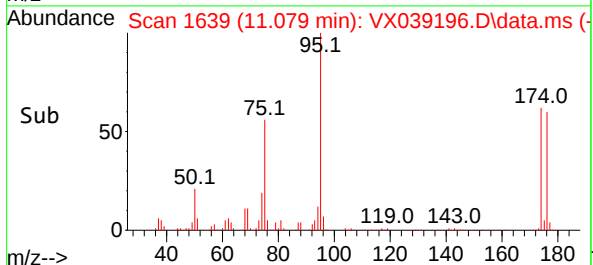
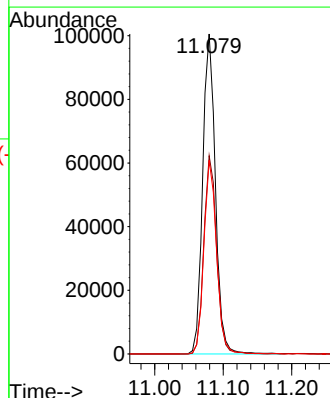
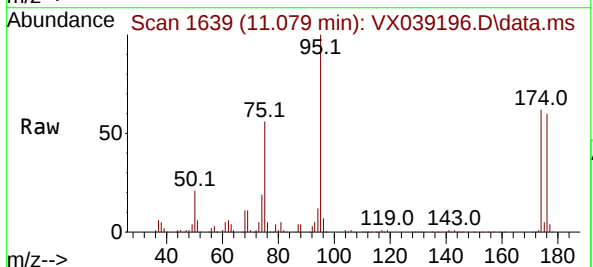
Tgt Ion: 95 Resp: 130111

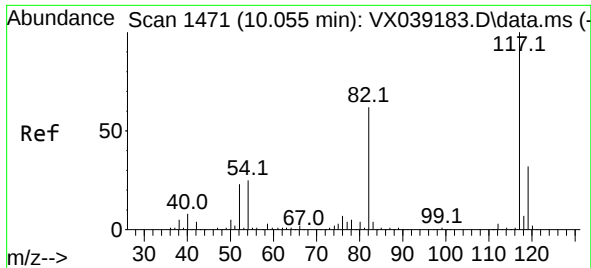
Ion Ratio Lower Upper

95 100

174 62.0 0.0 135.6

176 60.3 0.0 131.0

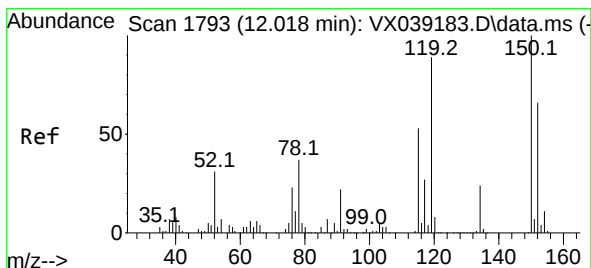
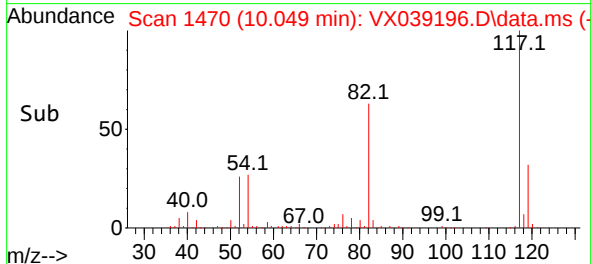
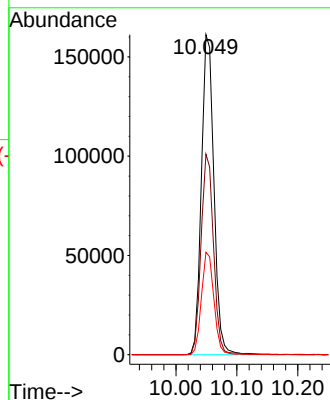
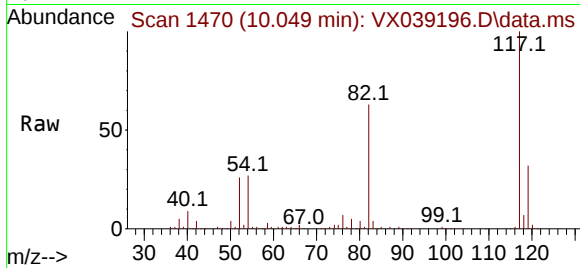




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1214MBL01

Tgt Ion:117 Resp: 229477
Ion Ratio Lower Upper
117 100
82 62.7 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion:152 Resp: 114103
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 160.7 0.0 345.0

