

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025421.D
 Acq On : 02 Dec 2021 12:22
 Operator : JC/MD
 Sample : M4908-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Dec 03 03:05:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65879	54.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.560%	
35) Dibromofluoromethane	5.391	113	58004	49.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.160%	
50) Toluene-d8	8.653	98	219141	49.816	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	11.085	95	74845	44.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.940%	

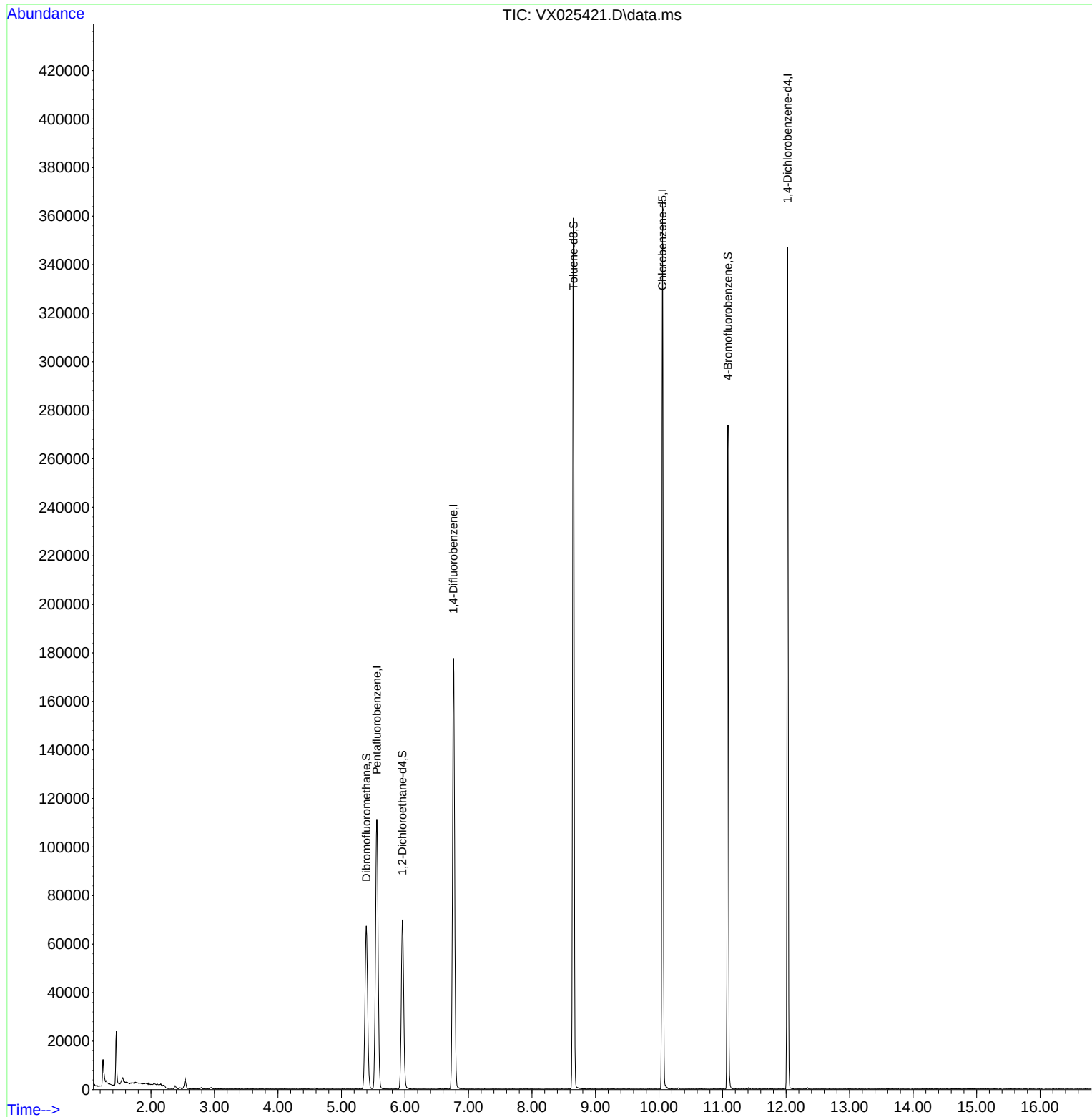
Target Compounds	Qvalue

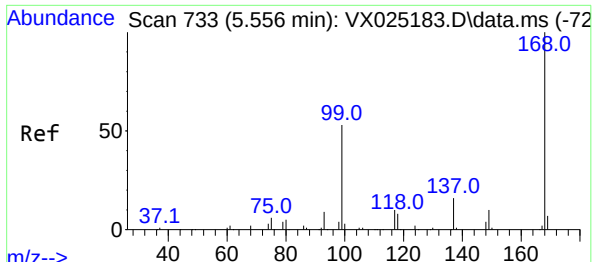
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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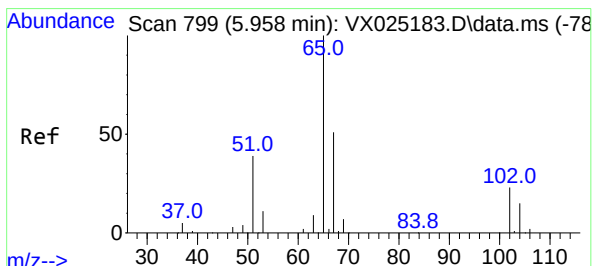
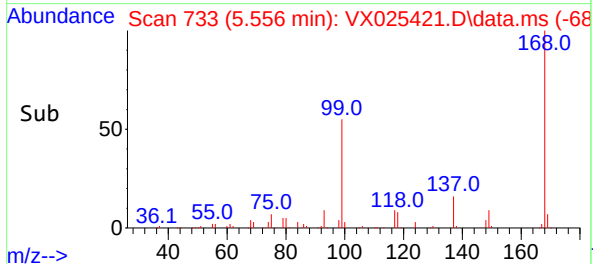
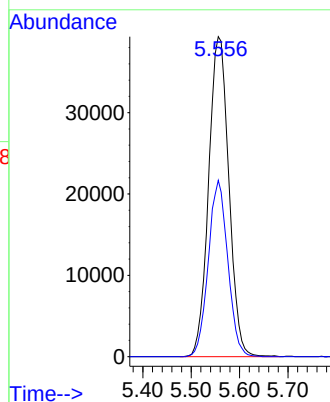
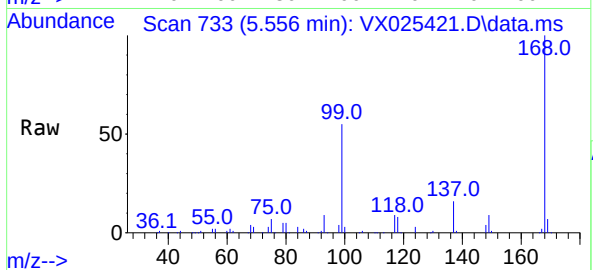




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

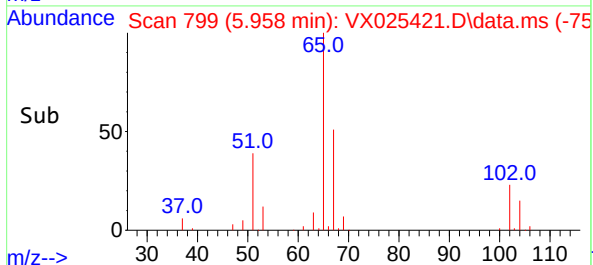
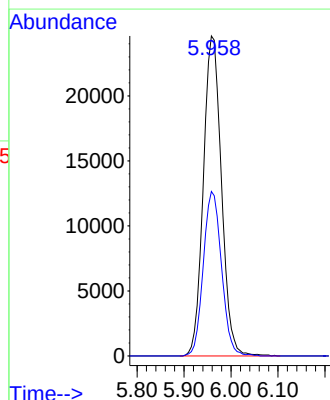
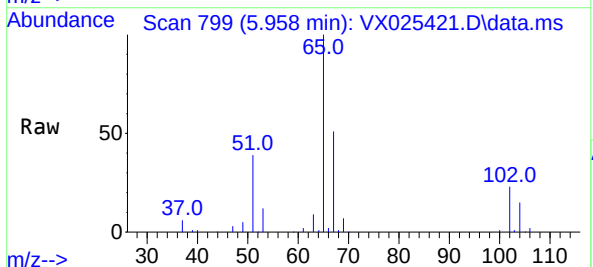
Instrument :
MSVOA_X
ClientSampleId :
TW-1

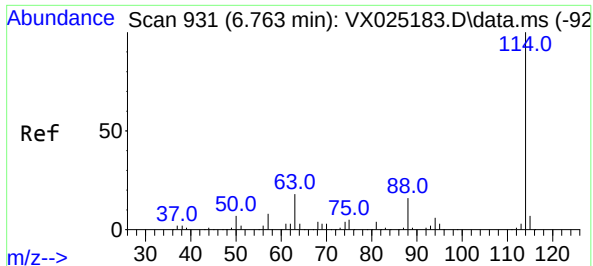
Tgt Ion:168 Resp: 114100
Ion Ratio Lower Upper
168 100
99 55.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.776 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion: 65 Resp: 65879
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.0

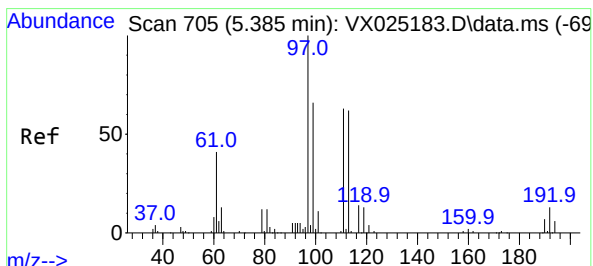
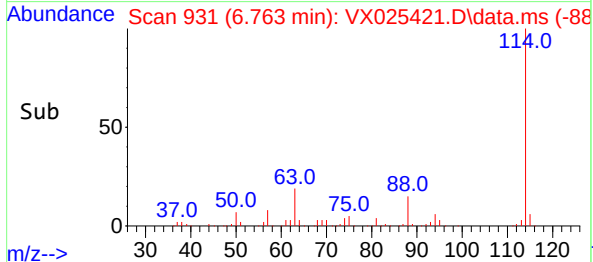
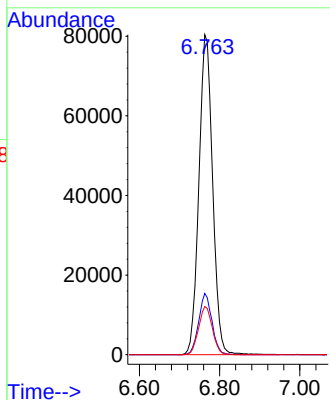
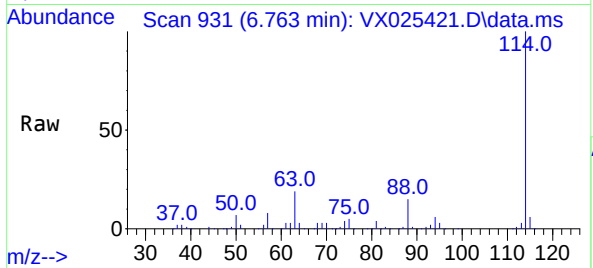




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

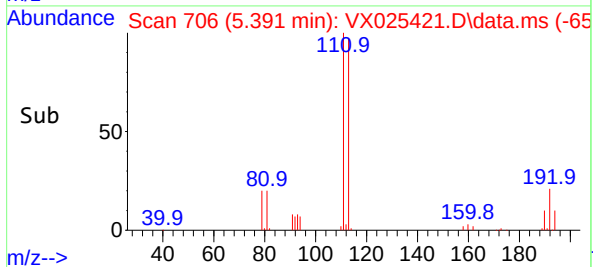
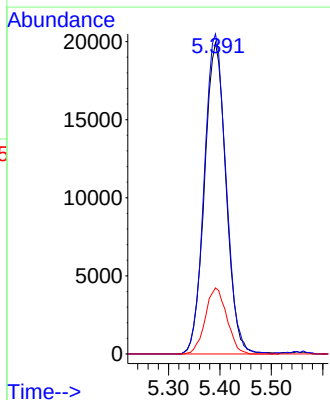
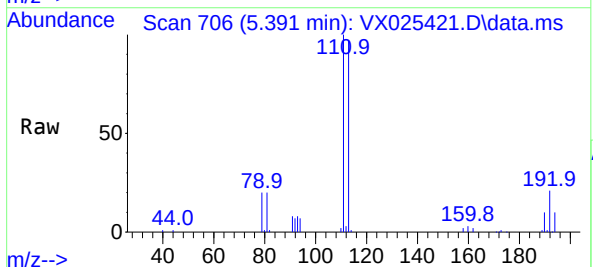
Instrument :
MSVOA_X
ClientSampleId :
TW-1

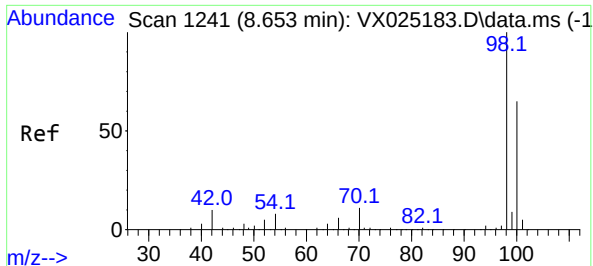
Tgt Ion:114 Resp: 190687
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.576 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion:113 Resp: 58004
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 21.1 15.6 23.4





#50

Toluene-d8

Concen: 49.816 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

Instrument :

MSVOA_X

ClientSampleId :

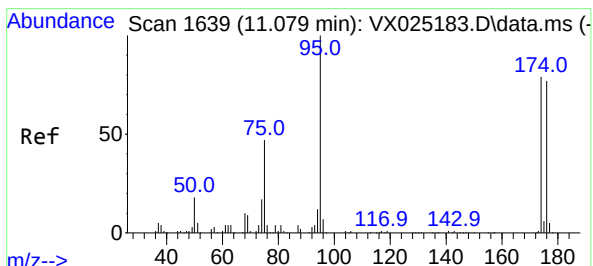
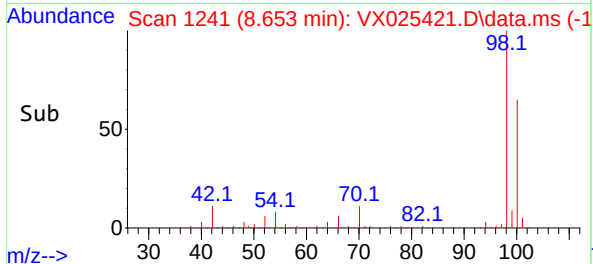
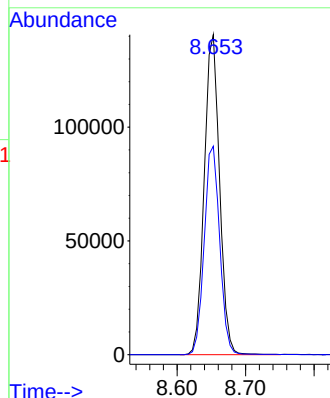
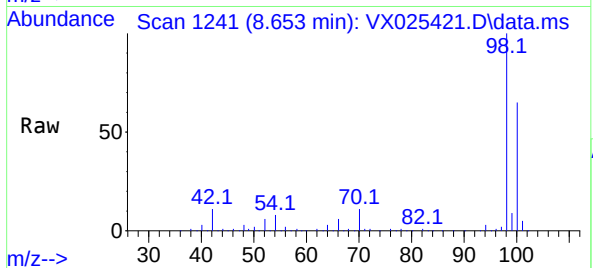
TW-1

Tgt Ion: 98 Resp: 219141

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 44.974 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

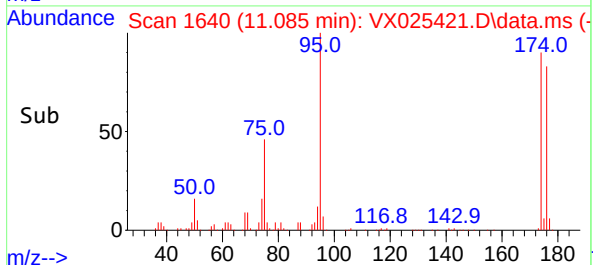
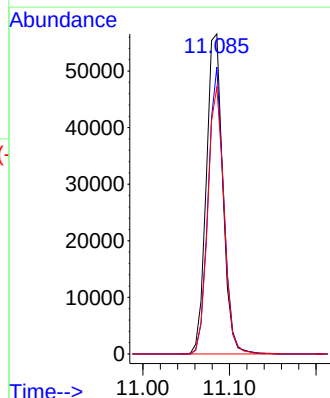
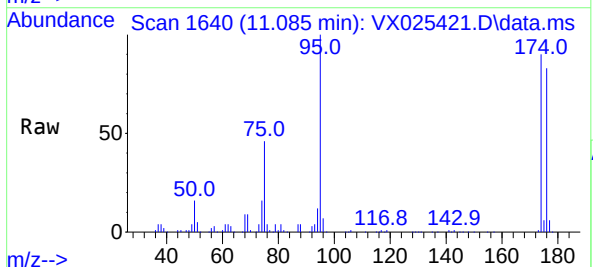
Tgt Ion: 95 Resp: 74845

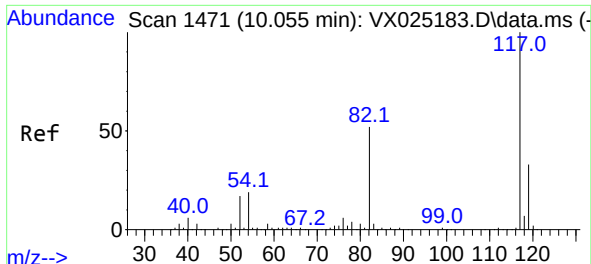
Ion Ratio Lower Upper

95 100

174 84.9 0.0 158.0

176 81.9 0.0 153.6

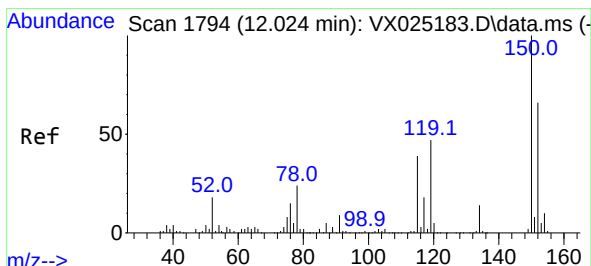
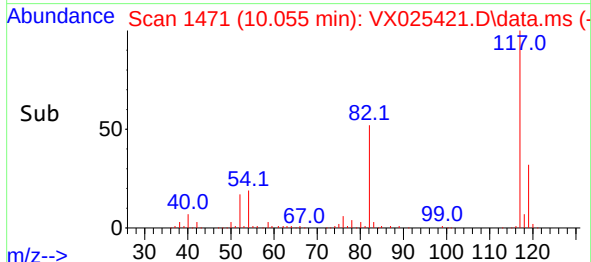
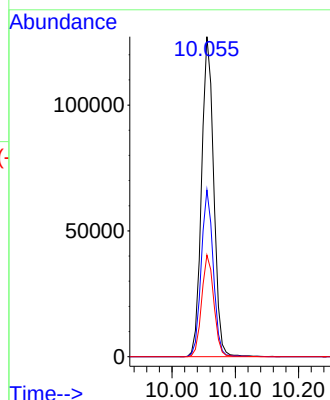
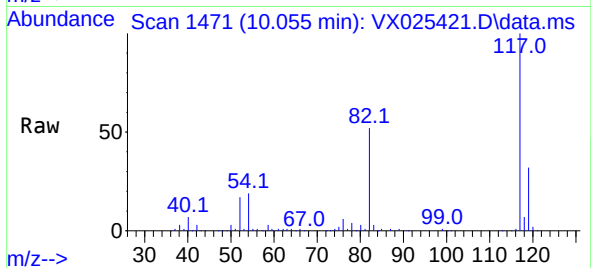




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion:117 Resp: 170743
Ion Ratio Lower Upper
117 100
82 52.1 44.6 67.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion:152 Resp: 73155
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.8
150 159.0 0.0 351.2

