

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032233.D
 Acq On : 20 Oct 2022 01:51
 Operator : JC/MD
 Sample : N5166-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5388-2

Quant Time: Oct 20 05:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97448	54.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.260%	
35) Dibromofluoromethane	5.391	113	75041	48.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.040%	
50) Toluene-d8	8.647	98	273374	49.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	11.079	95	98933	48.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.060%	

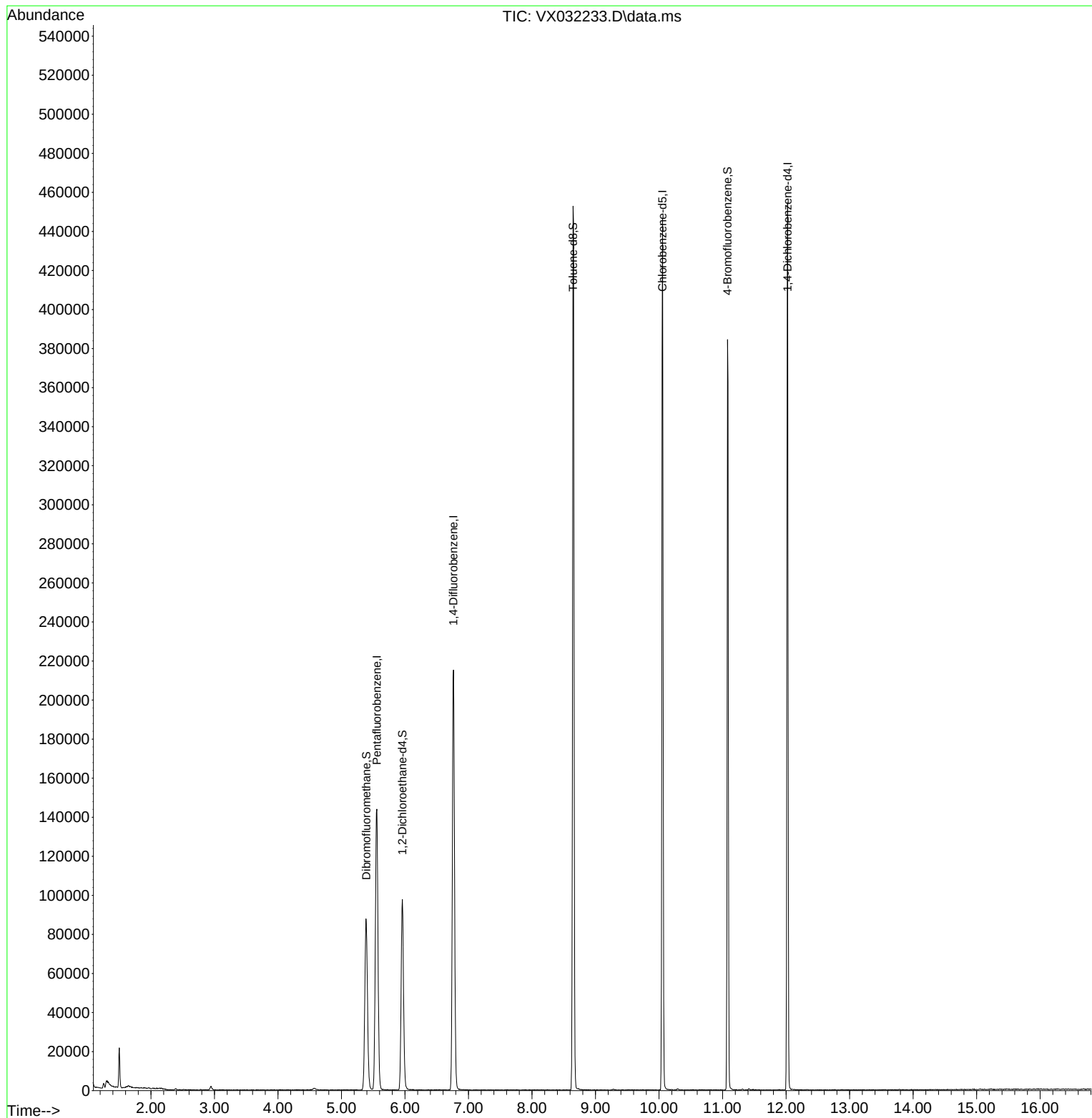
Target Compounds	Qvalue

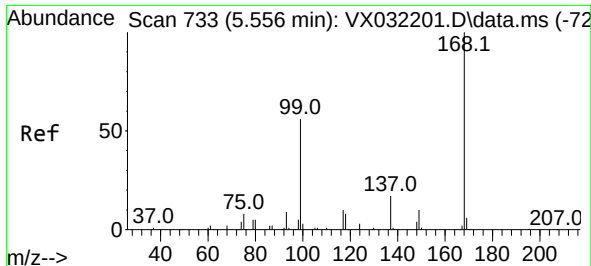
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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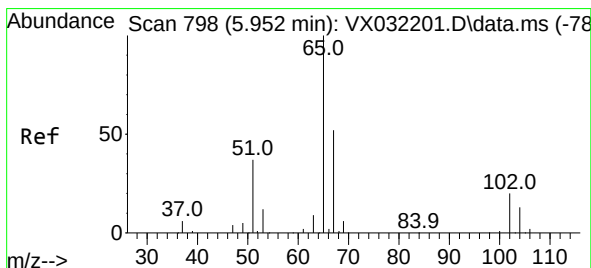
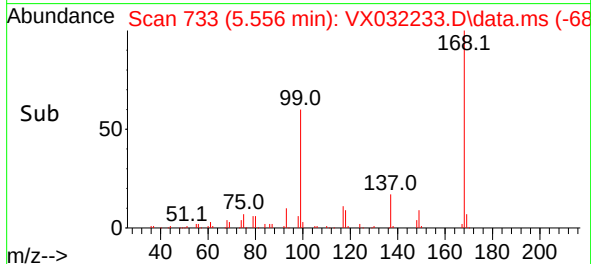
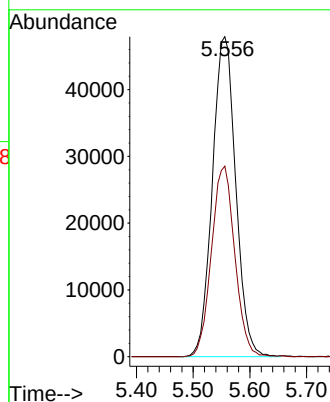
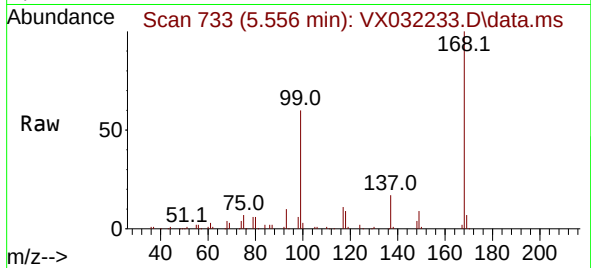




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032233.D
Acq: 20 Oct 2022 01:51

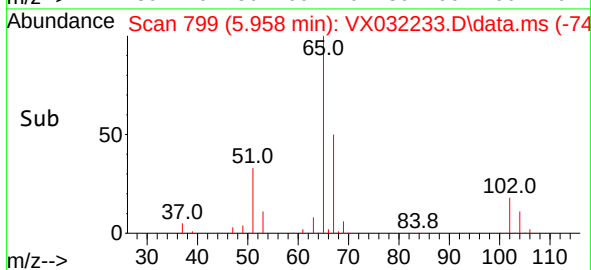
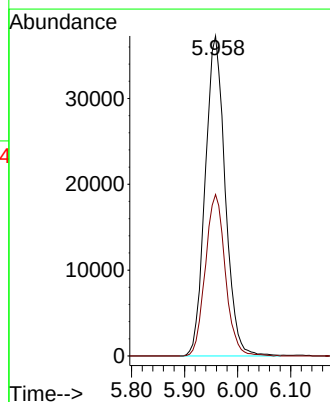
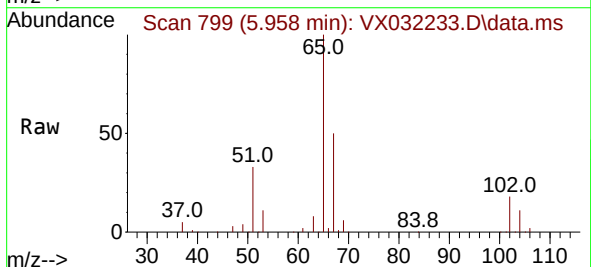
Instrument :
MSVOA_X
ClientSampleId :
5388-2

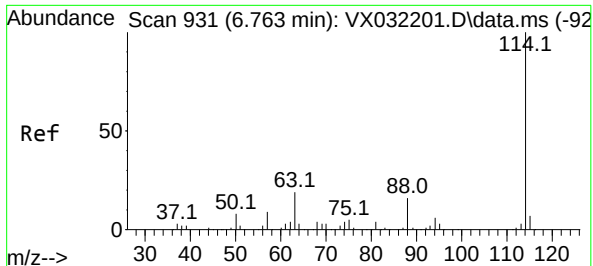
Tgt Ion:168 Resp: 137124
Ion Ratio Lower Upper
168 100
99 59.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.628 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032233.D
Acq: 20 Oct 2022 01:51

Tgt Ion: 65 Resp: 97448
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6

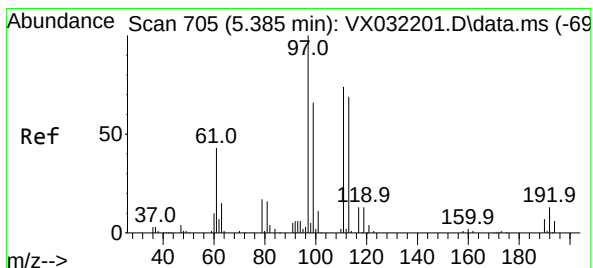
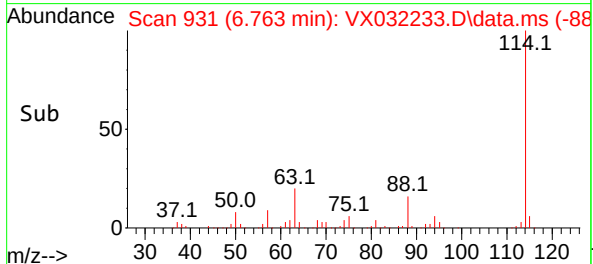
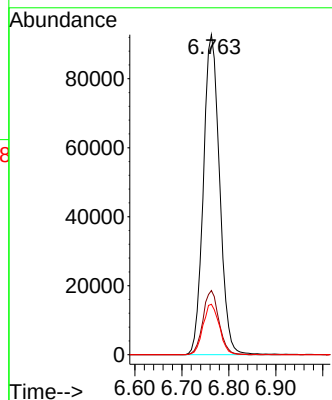
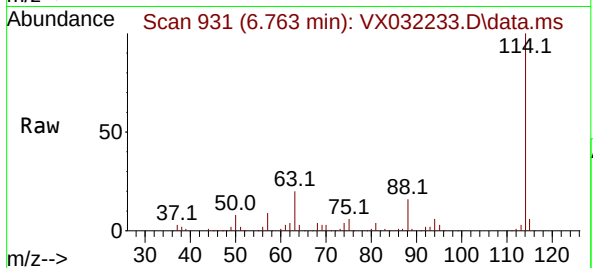




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032233.D
Acq: 20 Oct 2022 01:51

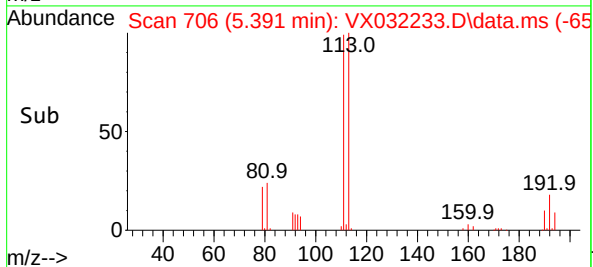
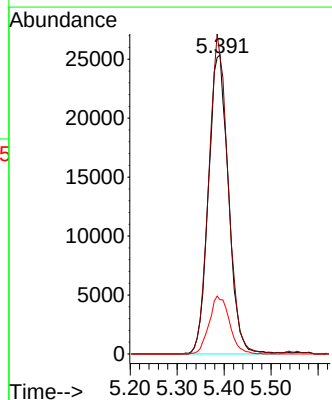
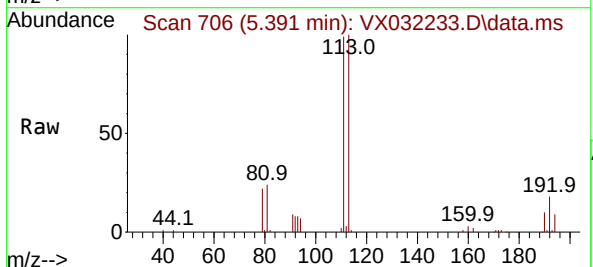
Instrument :
MSVOA_X
ClientSampleId :
5388-2

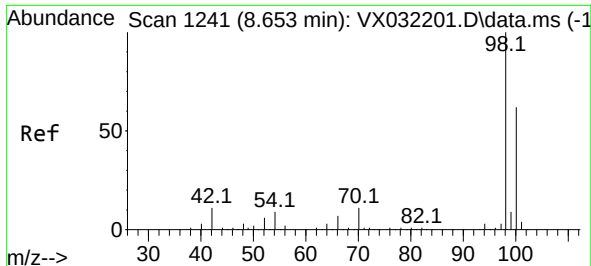
Tgt Ion:114 Resp: 222271
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.517 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032233.D
Acq: 20 Oct 2022 01:51

Tgt Ion:113 Resp: 75041
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.6 15.5 23.3





#50

Toluene-d8

Concen: 49.100 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032233.D

Acq: 20 Oct 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

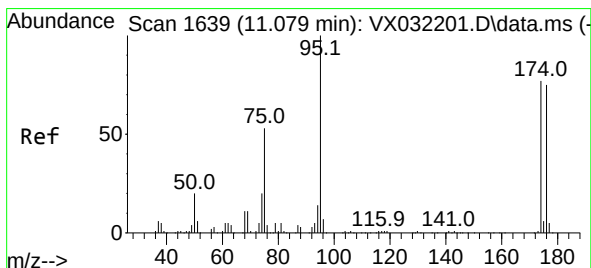
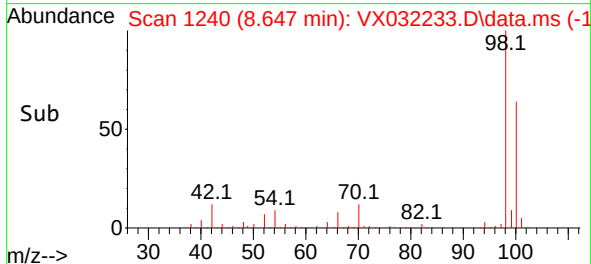
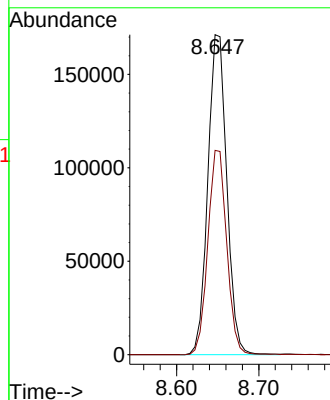
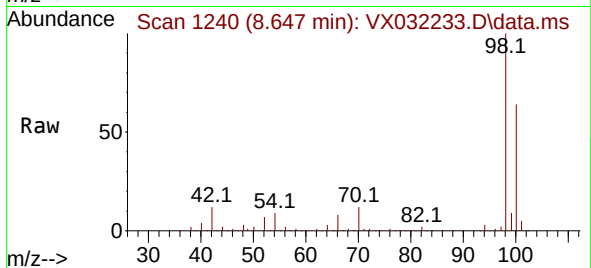
5388-2

Tgt Ion: 98 Resp: 273374

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 48.525 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032233.D

Acq: 20 Oct 2022 01:51

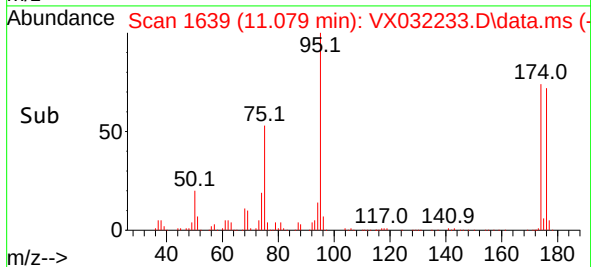
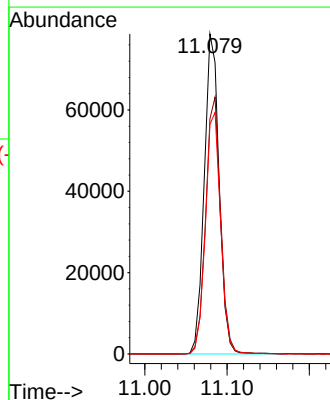
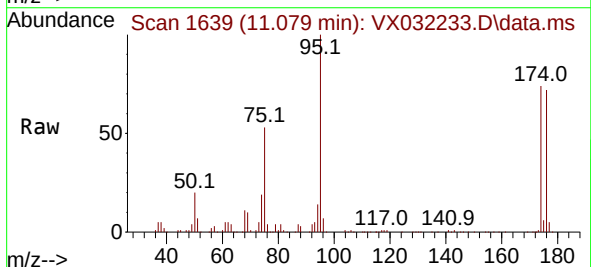
Tgt Ion: 95 Resp: 98933

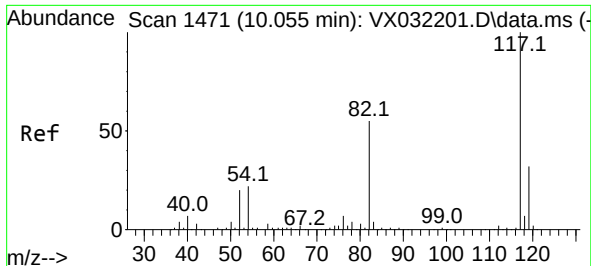
Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.8

176 77.2 0.0 161.4

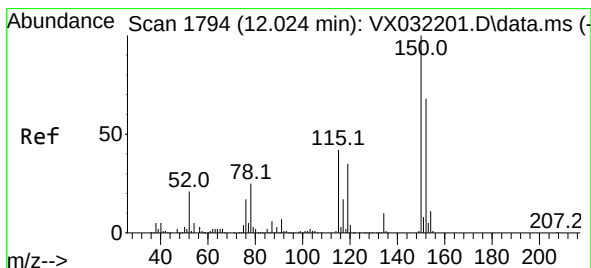
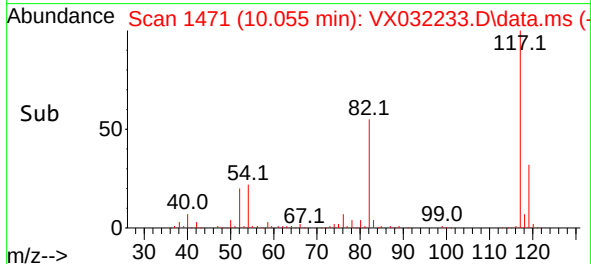
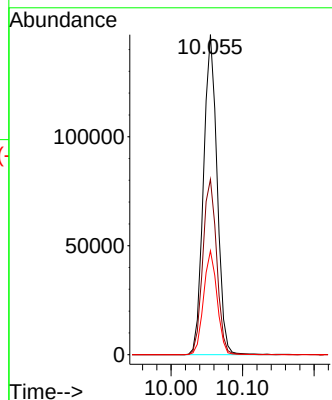
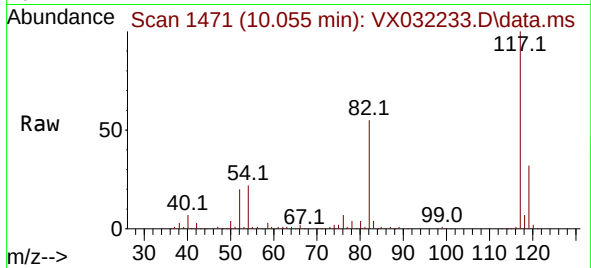




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032233.D
Acq: 20 Oct 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
5388-2

Tgt Ion:117 Resp: 194491
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032233.D
Acq: 20 Oct 2022 01:51

Tgt Ion:152 Resp: 90934
Ion Ratio Lower Upper
152 100
115 61.0 43.1 129.4
150 158.2 0.0 348.6

