

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030722.D
 Acq On : 23 Aug 2022 11:15
 Operator : JC/MD
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

Quant Time: Aug 24 00:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129950	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	288520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154997	59.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.680%
35) Dibromofluoromethane	5.391	113	147199	53.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.740%
50) Toluene-d8	8.653	98	537436	50.316	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.079	95	181680	45.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.660%

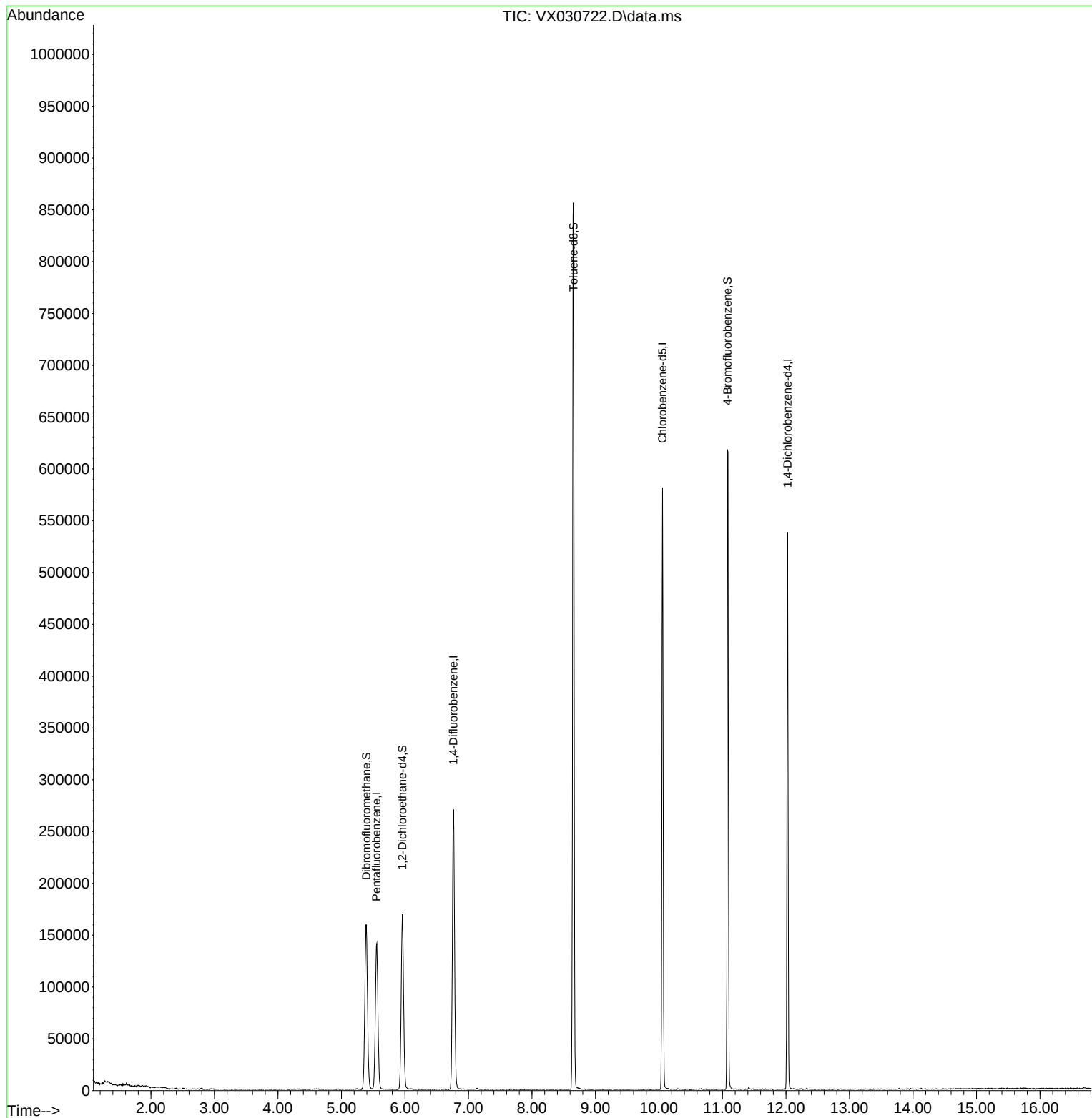
Target Compounds	Qvalue

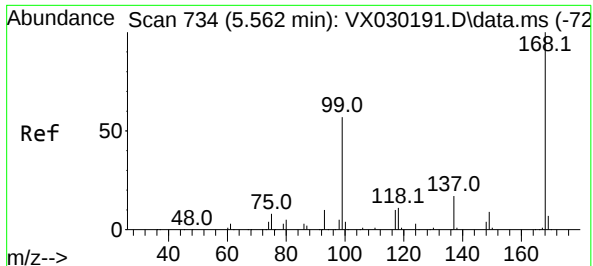
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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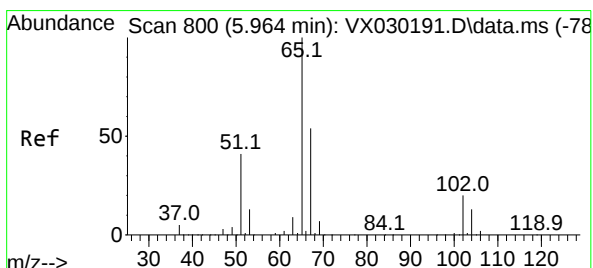
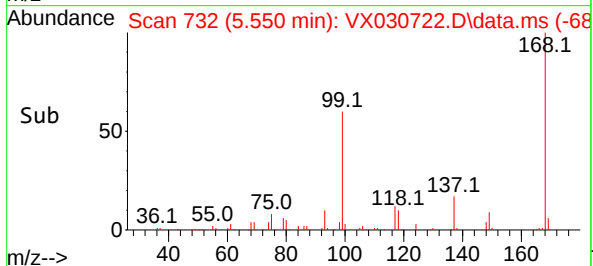
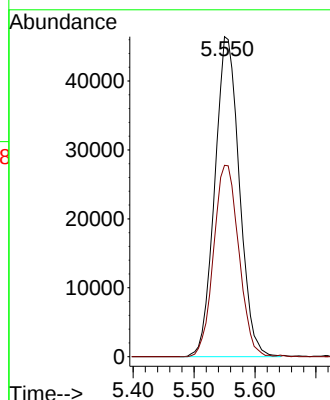
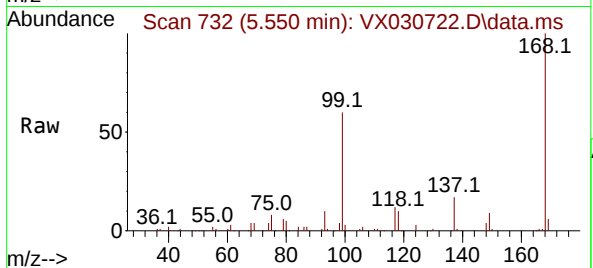




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.012 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

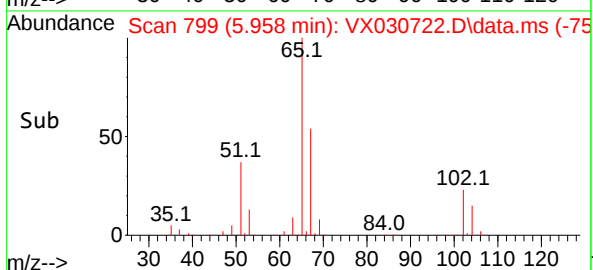
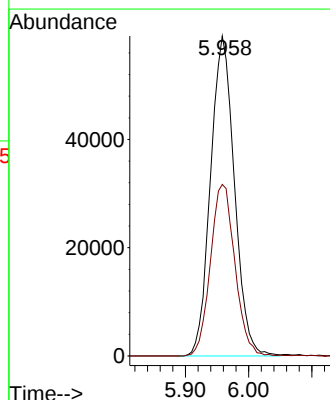
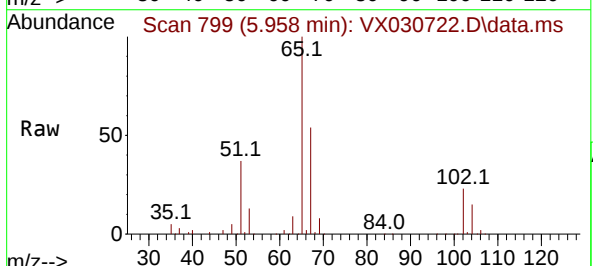
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

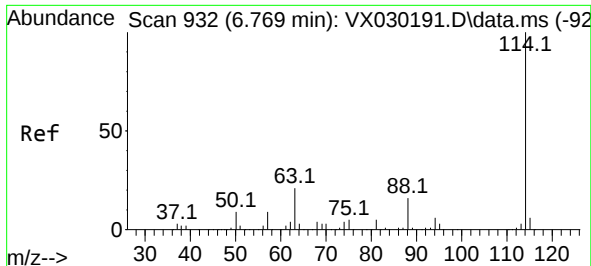
Tgt Ion:168 Resp: 129950
Ion Ratio Lower Upper
168 100
99 59.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 65 Resp: 154997
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

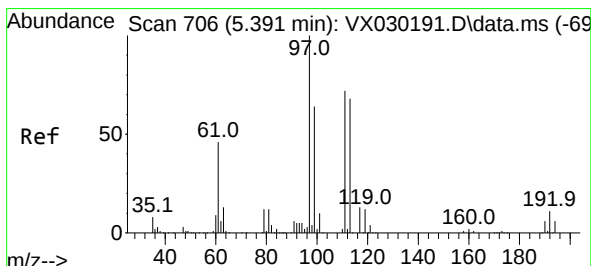
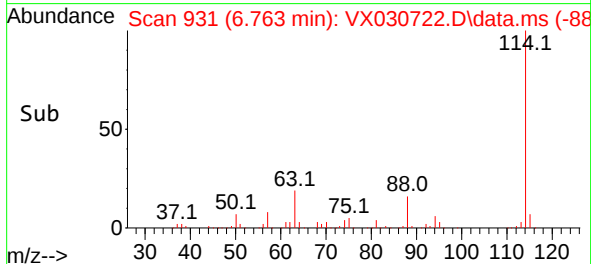
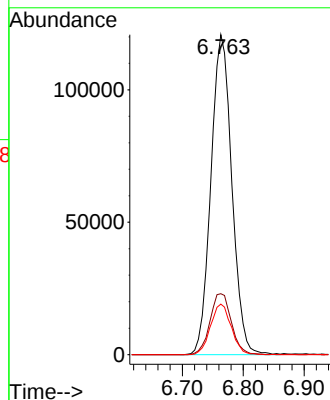
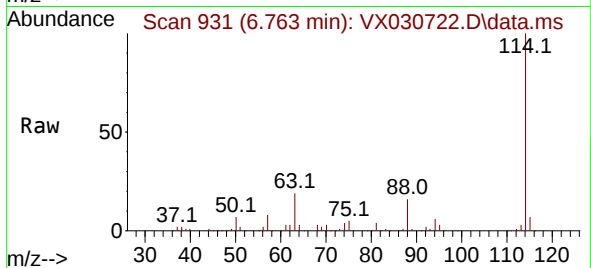




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

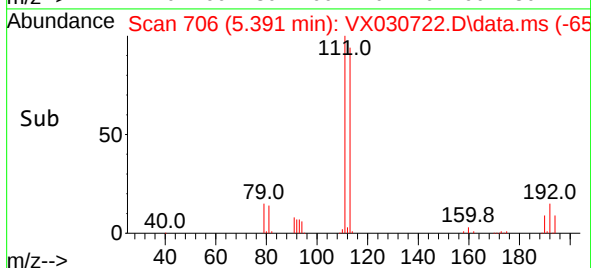
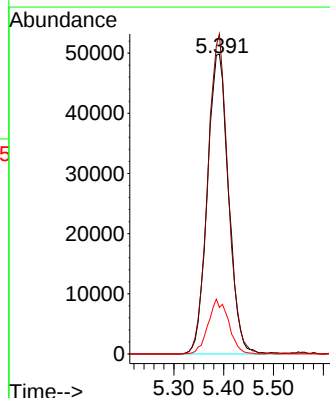
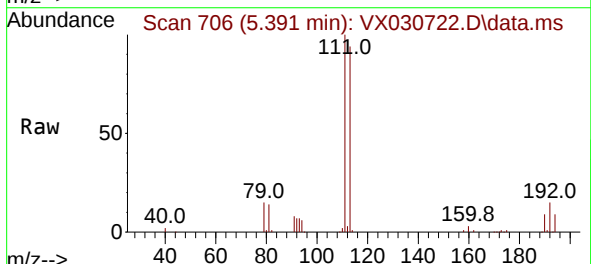
Instrument :
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VX0823WBL01

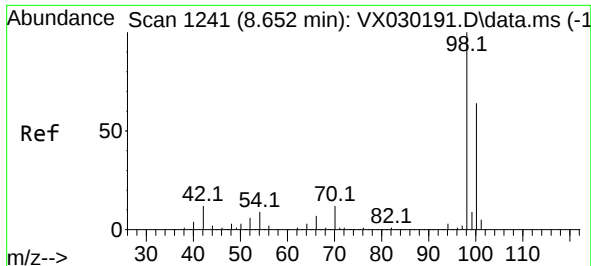
Tgt Ion:114 Resp: 288520
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.370 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion:113 Resp: 147199
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 17.6 14.8 22.2

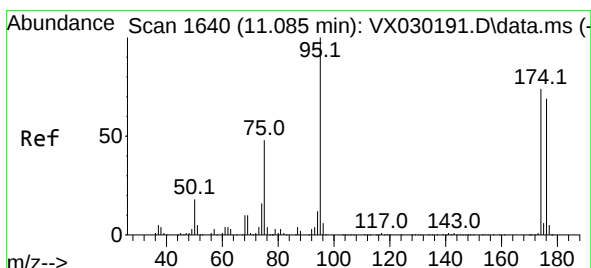
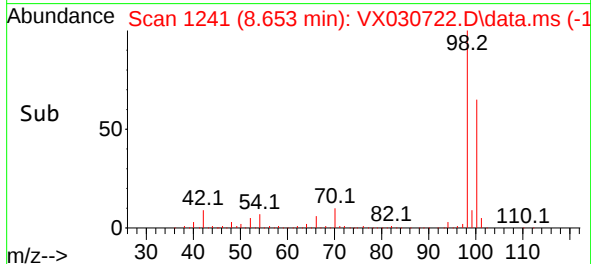
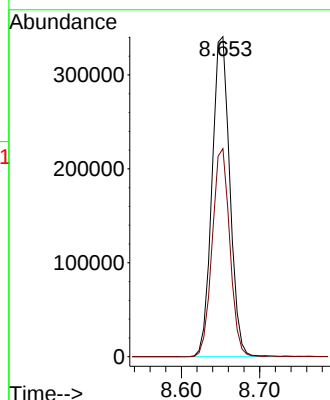
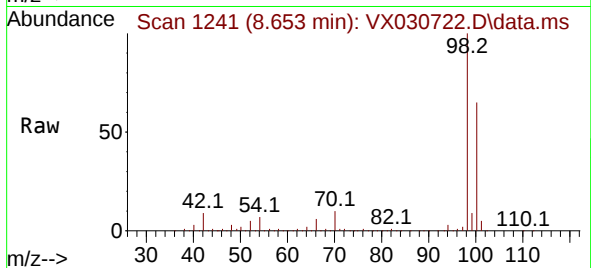




#50
Toluene-d8
Concen: 50.316 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

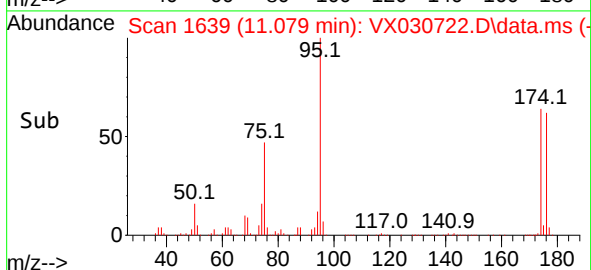
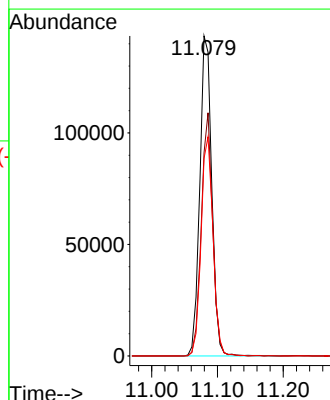
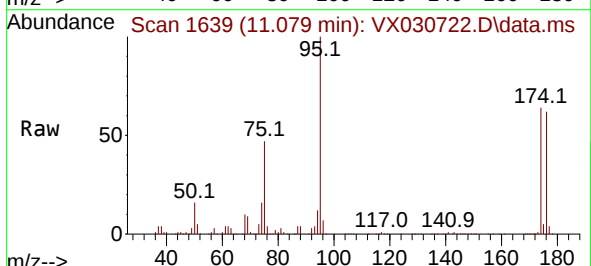
Instrument :
MSVOA_X
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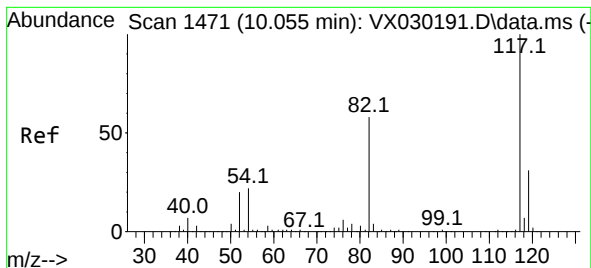
Tgt Ion: 98 Resp: 537436
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 95 Resp: 181680
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.0
176 68.4 0.0 146.0

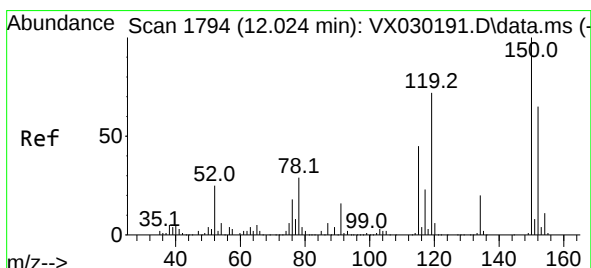
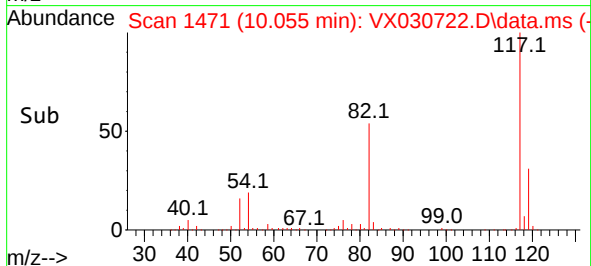
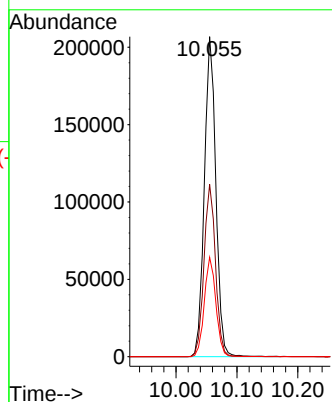
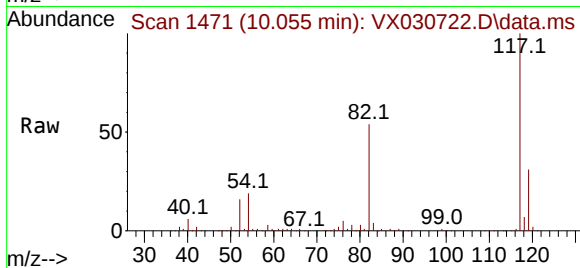




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

Tgt Ion:117 Resp: 271537
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion:152 Resp: 109551
Ion Ratio Lower Upper
152 100
115 60.6 40.5 121.5
150 156.1 0.0 347.0

