

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032893.D
 Acq On : 17 Nov 2022 12:34
 Operator : JC/MD
 Sample : N5671-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20221115

Quant Time: Nov 18 01:40:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81677	51.772	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.540%
35) Dibromofluoromethane	5.385	113	65653	48.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.647	98	235706	50.069	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	90280	49.095	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%

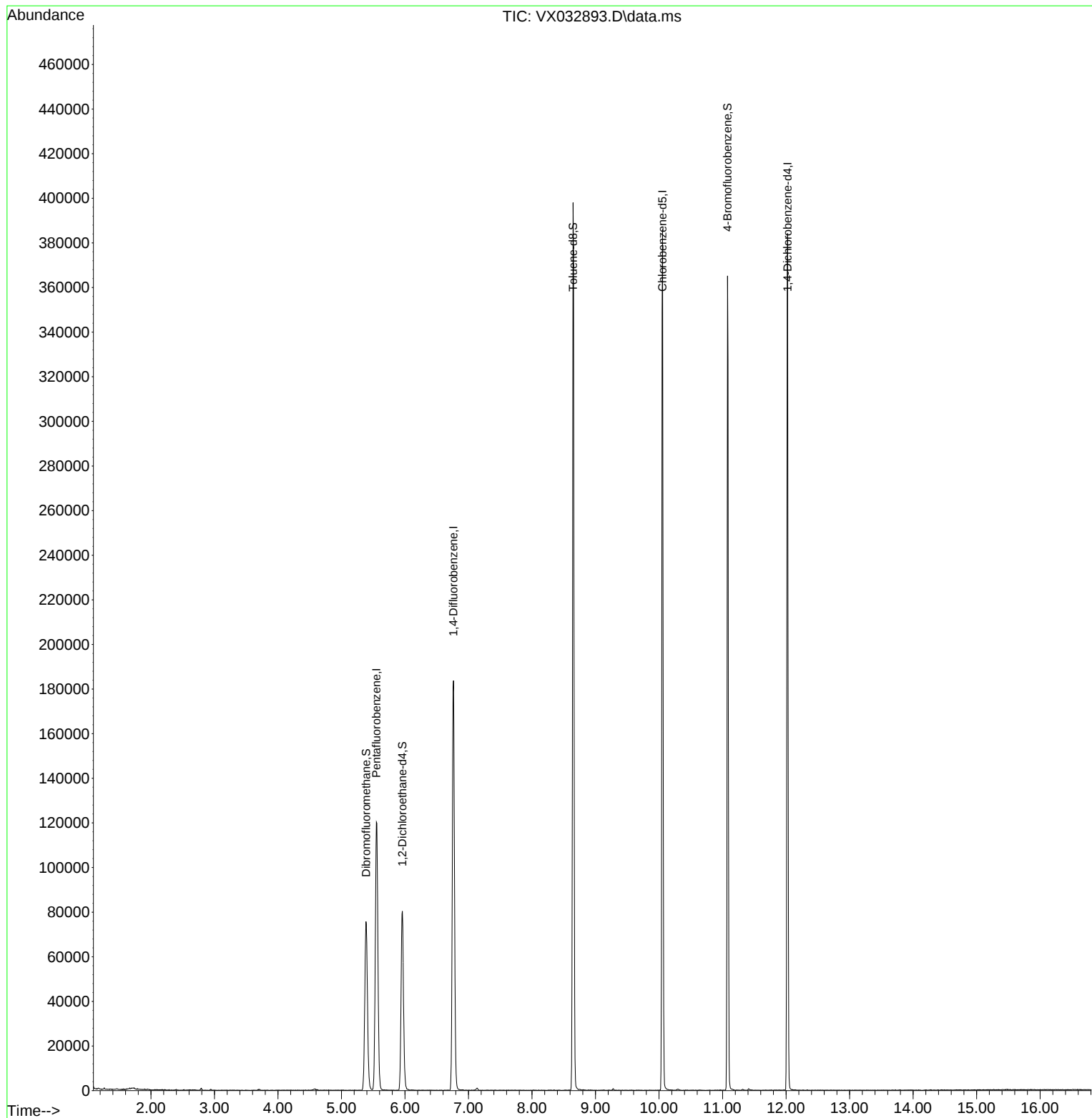
Target Compounds	Qvalue

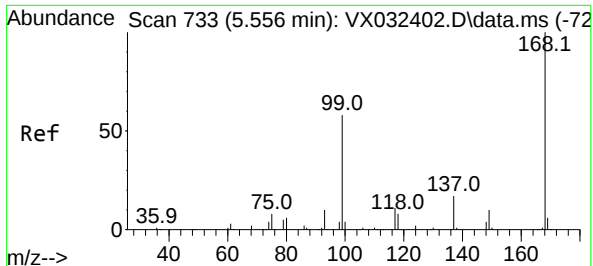
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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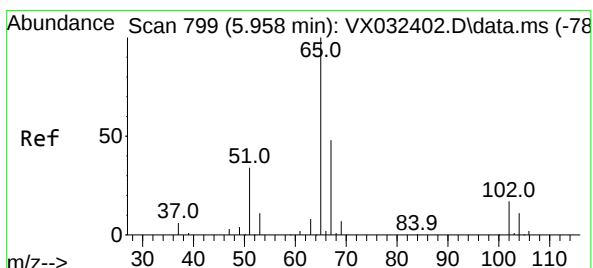
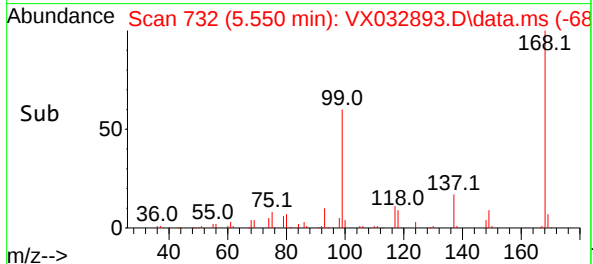
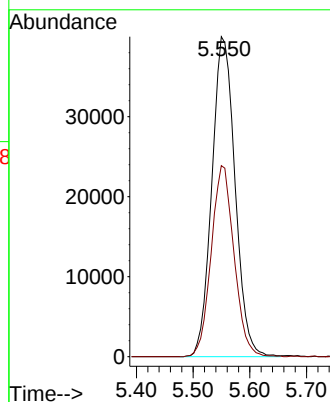
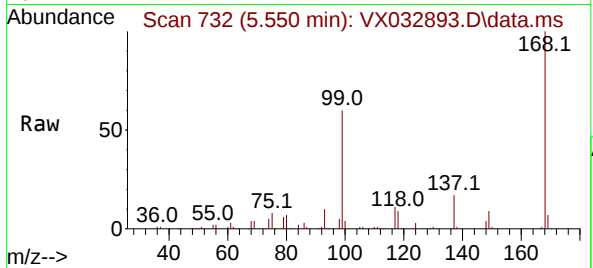




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

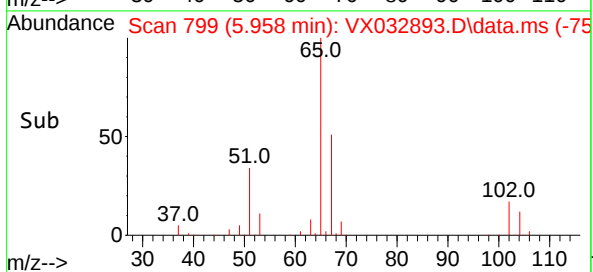
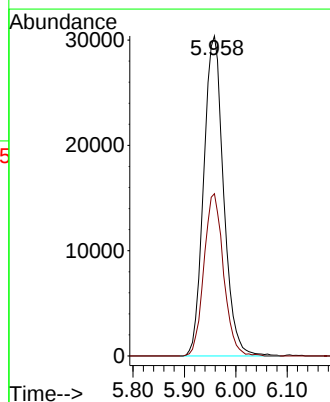
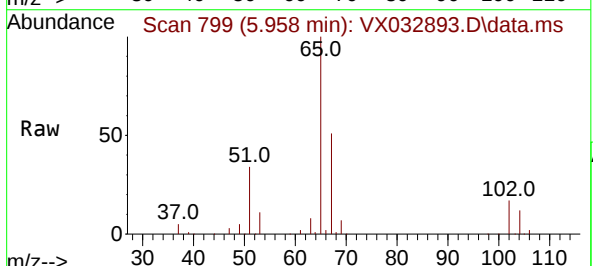
Instrument :
MSVOA_X
ClientSampleId :
TB01-20221115

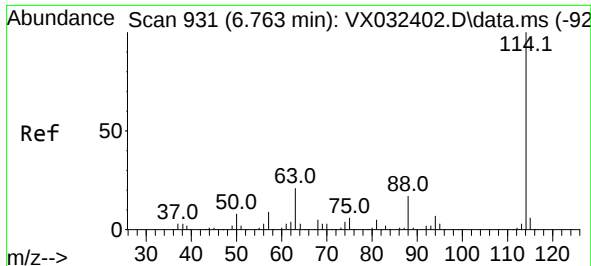
Tgt Ion:168 Resp: 113541
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 51.772 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

Tgt Ion: 65 Resp: 81677
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

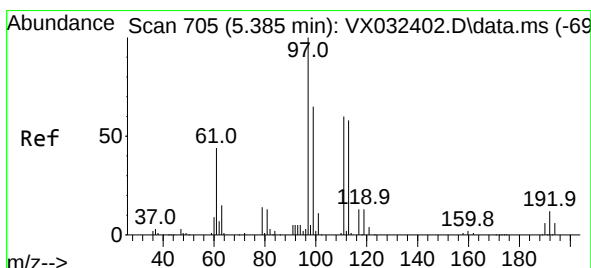
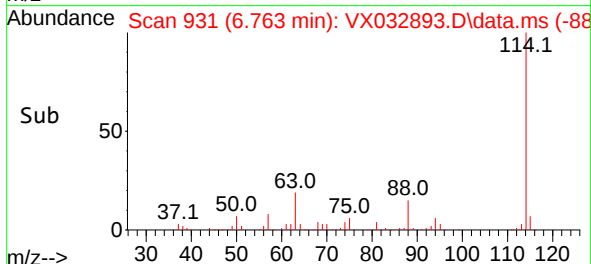
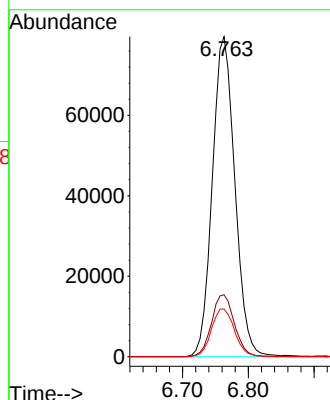
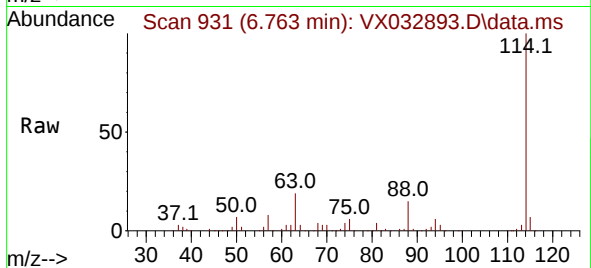




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

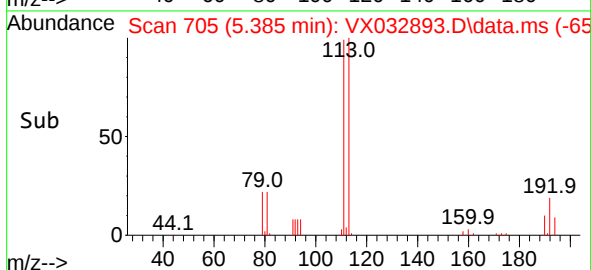
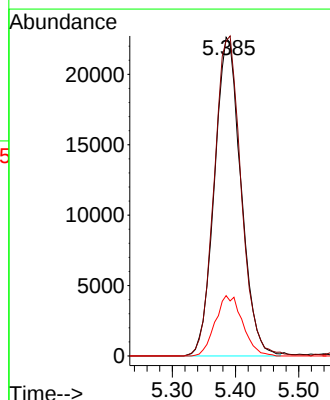
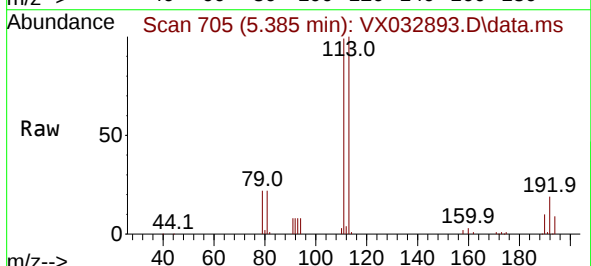
Instrument :
MSVOA_X
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TB01-20221115

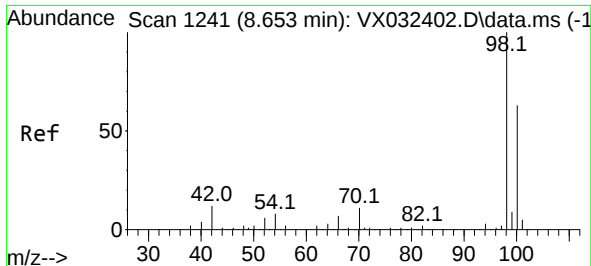
Tgt Ion:114 Resp: 189796
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 14.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.494 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

Tgt Ion:113 Resp: 65653
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.5 15.4 23.2

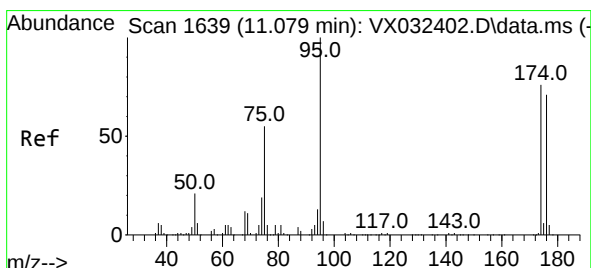
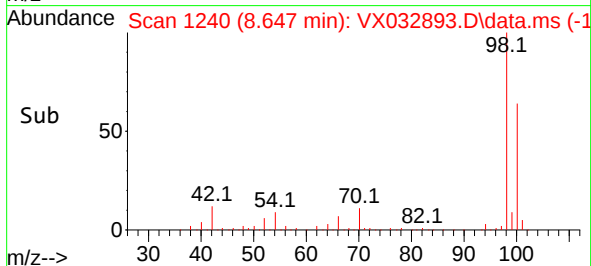
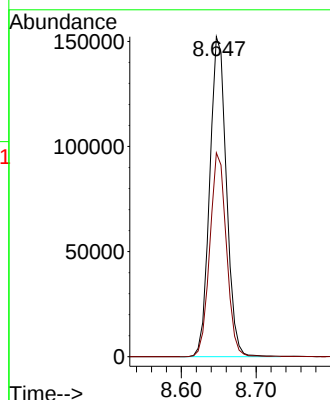
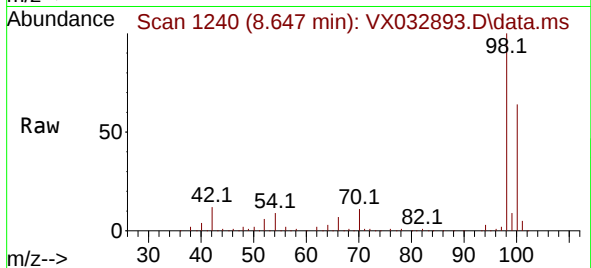




#50
Toluene-d8
Concen: 50.069 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

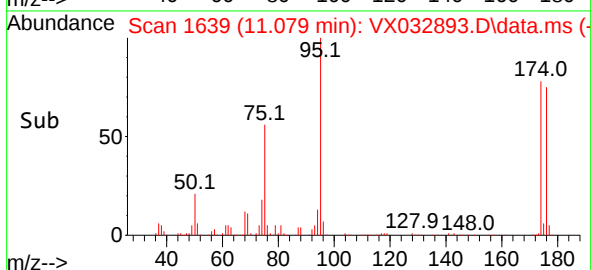
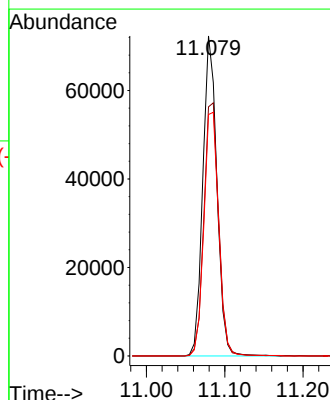
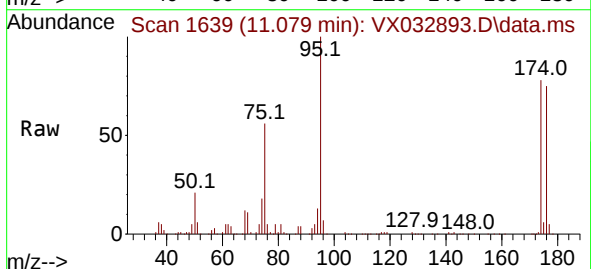
Instrument :
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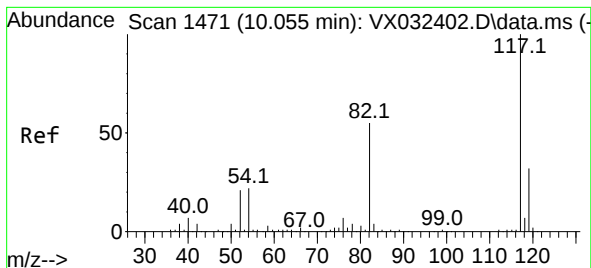
Tgt Ion: 98 Resp: 235706
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

Tgt Ion: 95 Resp: 90280
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 80.4 0.0 154.4

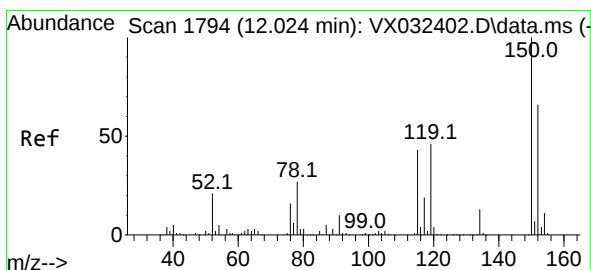
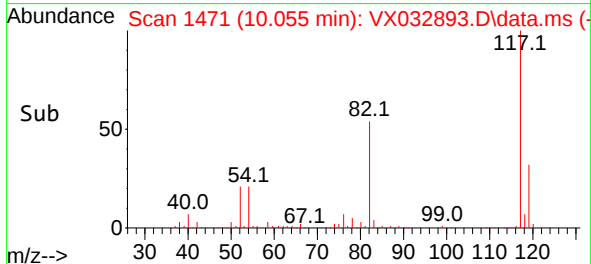
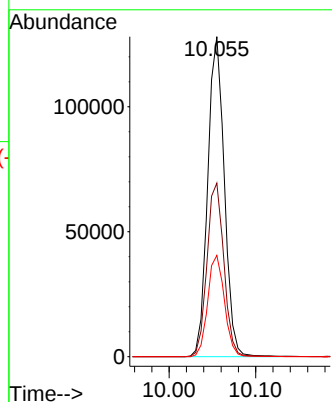
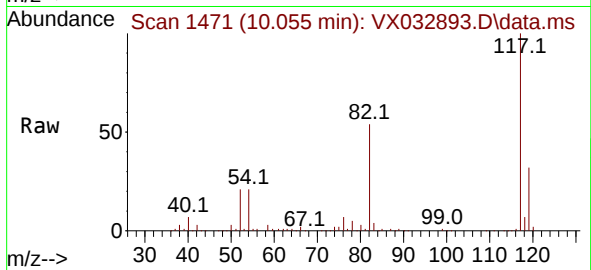




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
TB01-20221115

Tgt Ion:117 Resp: 170397
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032893.D
Acq: 17 Nov 2022 12:34

Tgt Ion:152 Resp: 80275
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.2 0.0 351.8

