

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040082.D
 Acq On : 02 Feb 2024 13:21
 Operator : JC/MD
 Sample : P1342-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240131

Quant Time: Feb 03 02:14:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62518	46.686	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.380%
35) Dibromofluoromethane	5.385	113	48472	48.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.647	98	175397	46.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	66791	46.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.300%

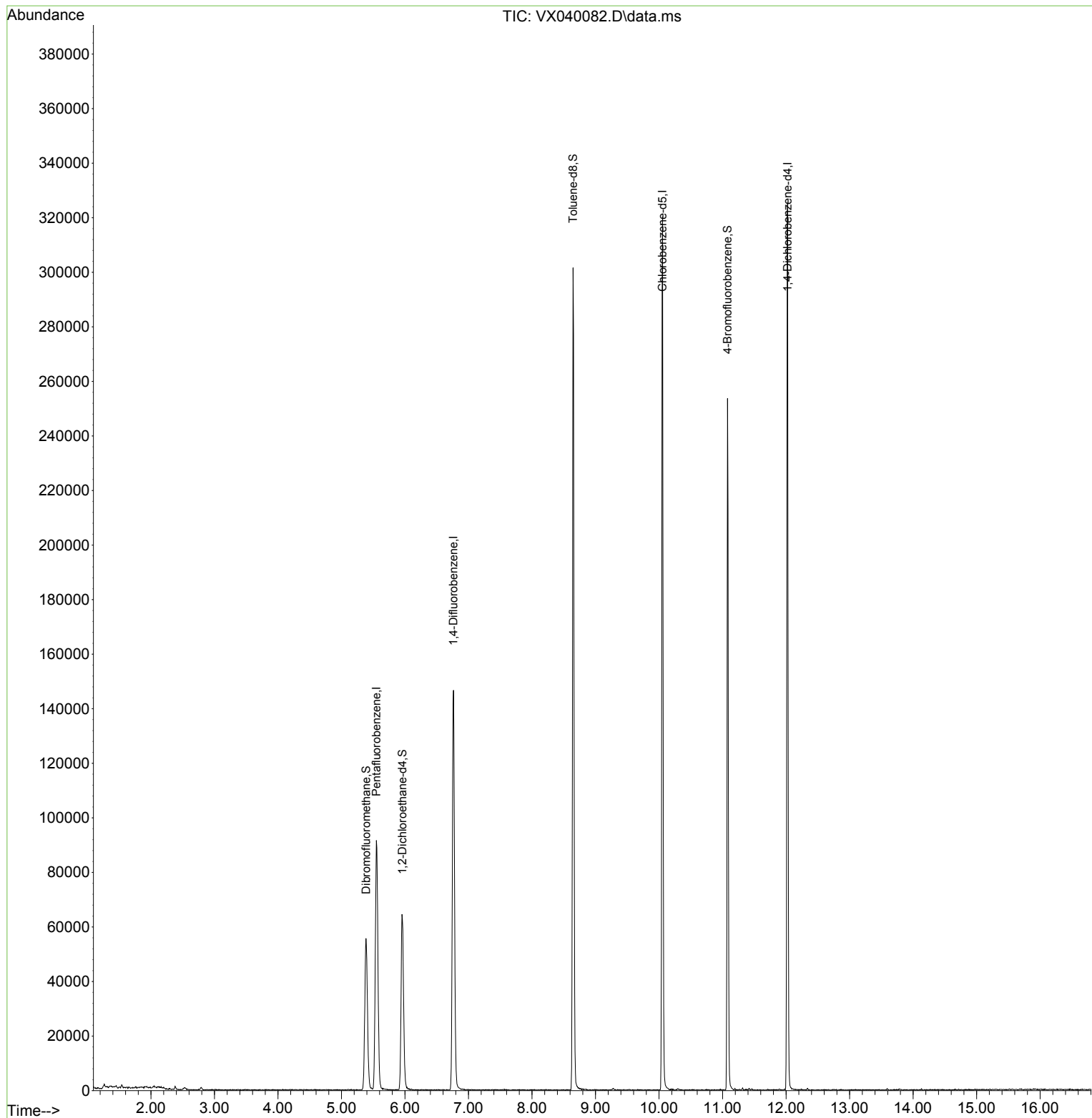
Target Compounds	Qvalue

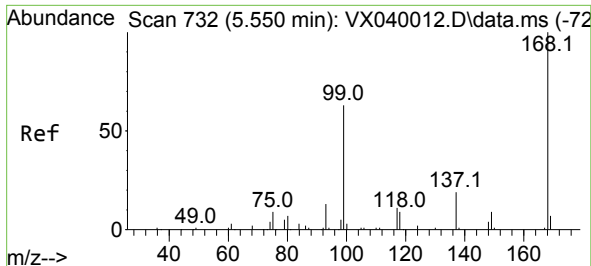
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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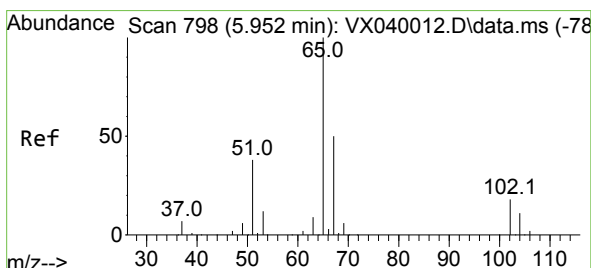
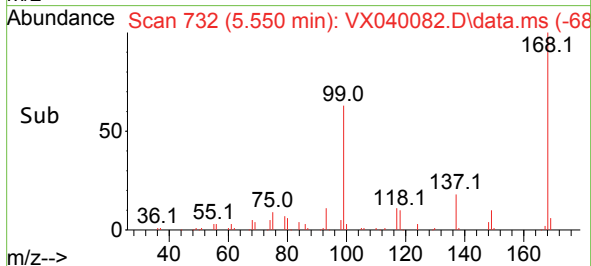
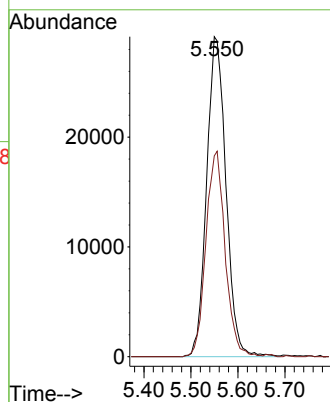
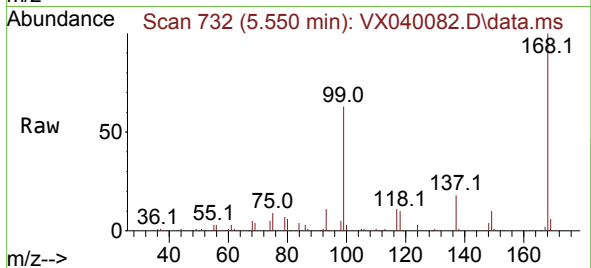




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

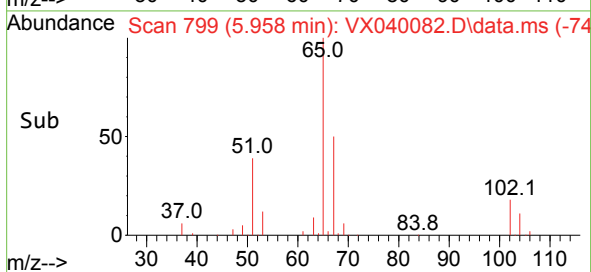
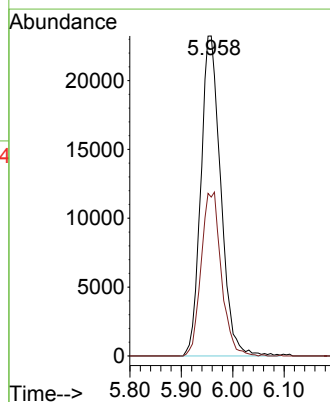
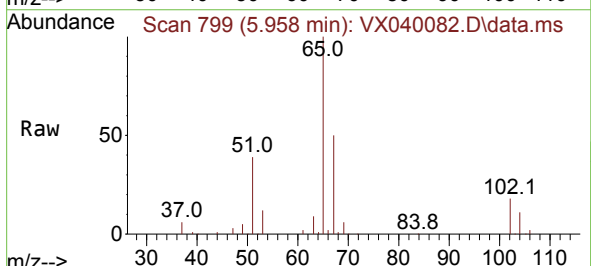
Instrument :
MSVOA_X
ClientSampleId :
TB-20240131

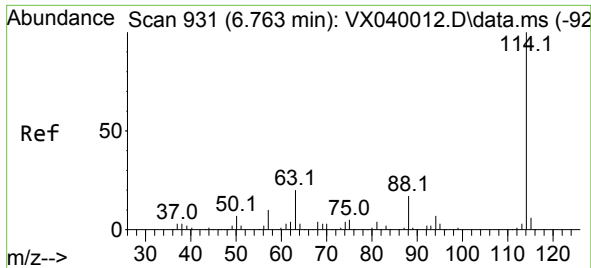
Tgt Ion:168 Resp: 83207
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

Tgt Ion: 65 Resp: 62518
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

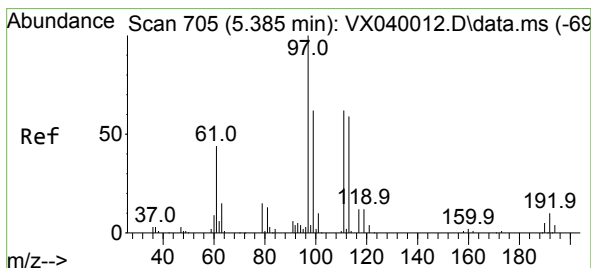
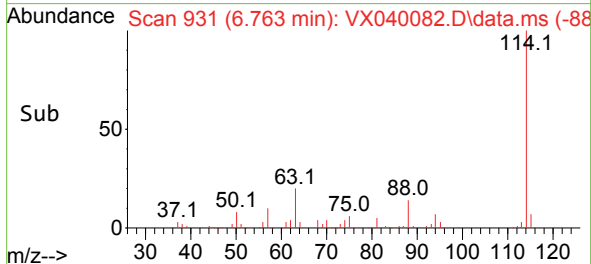
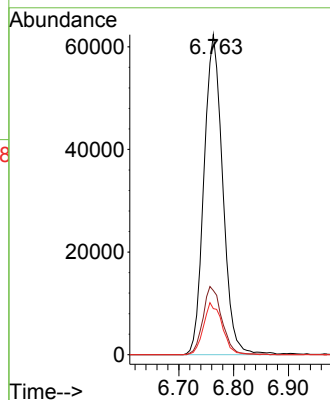
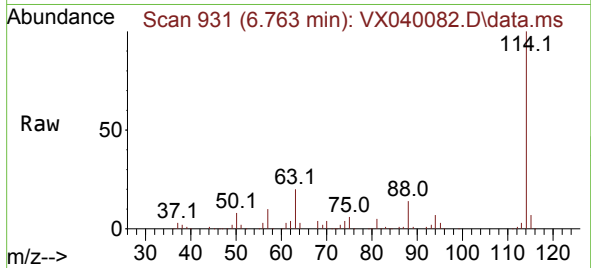




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

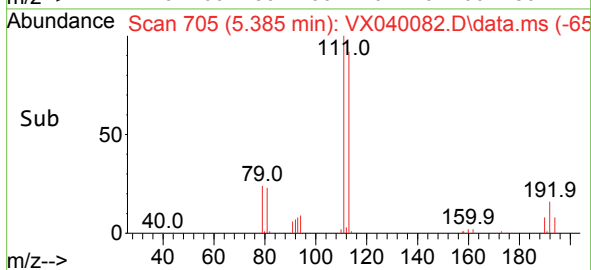
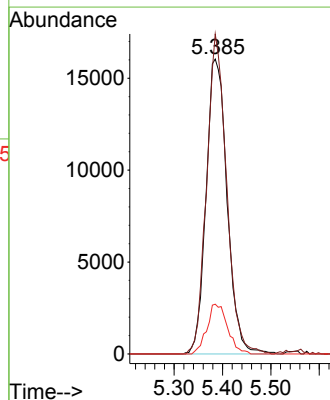
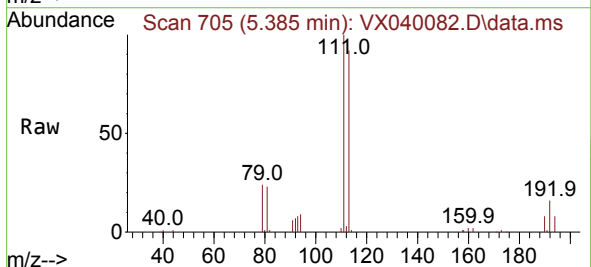
Instrument :
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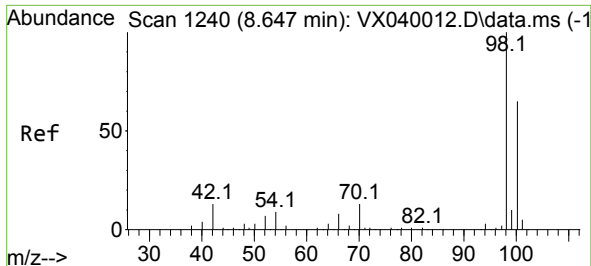
Tgt Ion:114 Resp: 147654
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.225 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

Tgt Ion:113 Resp: 48472
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.6 13.3 19.9

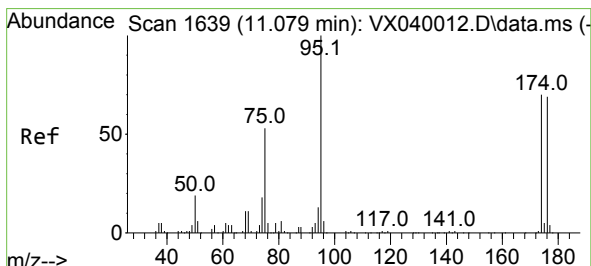
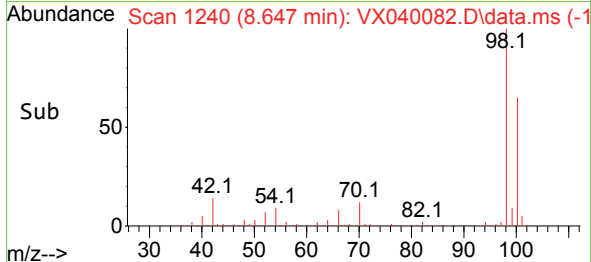
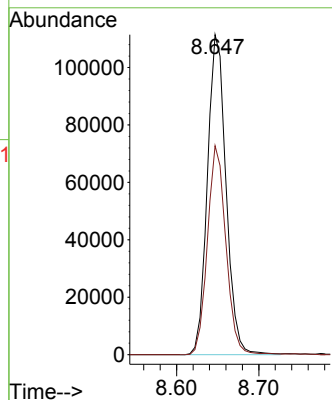
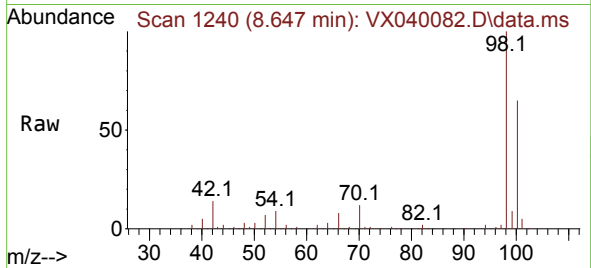




#50
Toluene-d8
Concen: 46.662 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

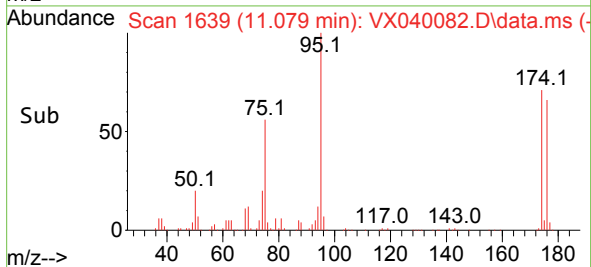
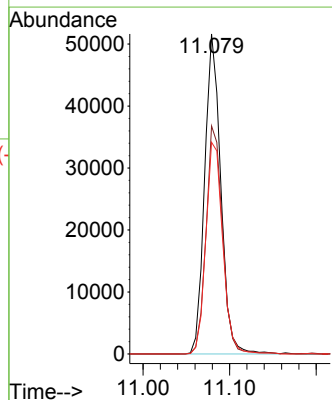
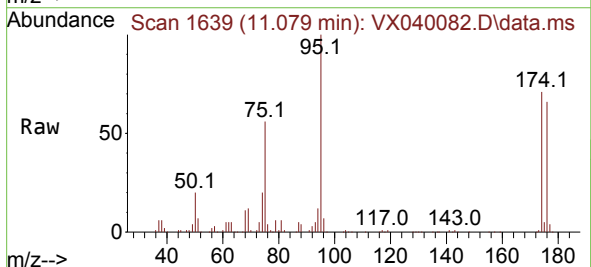
Instrument :
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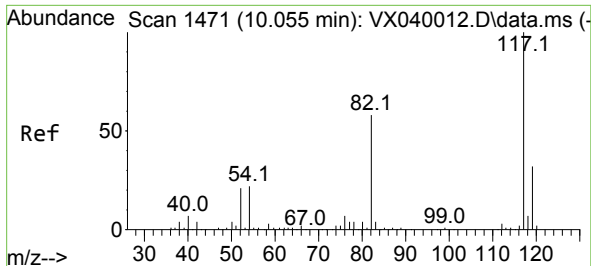
Tgt Ion: 98 Resp: 175397
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

Tgt Ion: 95 Resp: 66791
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 69.4 0.0 131.0

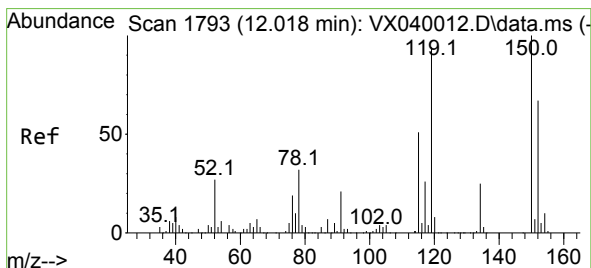
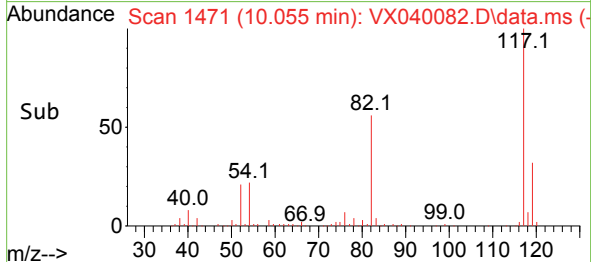
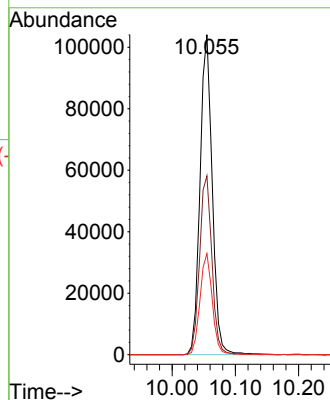
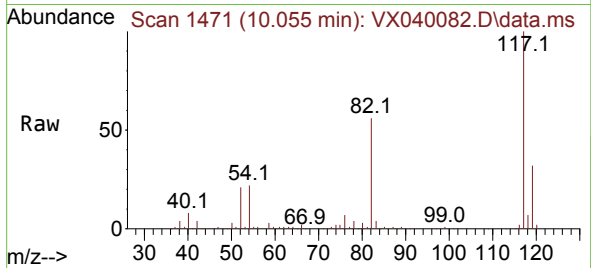




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :
TB-20240131

Tgt Ion:117 Resp: 139866
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040082.D
Acq: 02 Feb 2024 13:21

Tgt Ion:152 Resp: 64868
Ion Ratio Lower Upper
152 100
115 66.1 43.3 129.9
150 160.4 0.0 345.0

