

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040081.D
 Acq On : 02 Feb 2024 12:58
 Operator : JC/MD
 Sample : P1342-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20240131

Quant Time: Feb 03 02:14:28 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	5.556	168	84923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63287	46.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	51118	48.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	8.647	98	189986	48.481	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	71180	47.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.340%

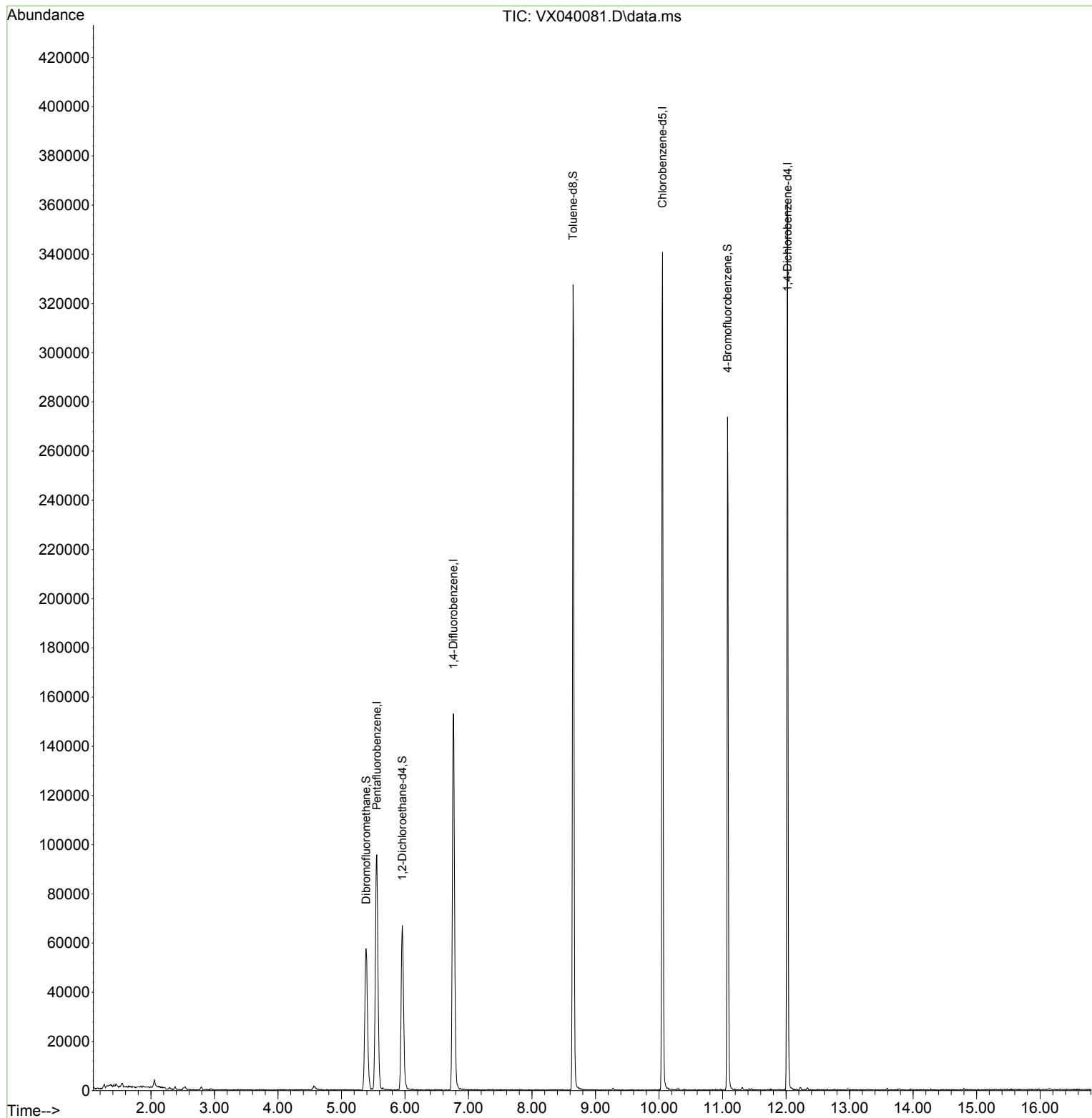
Target Compounds	Qvalue

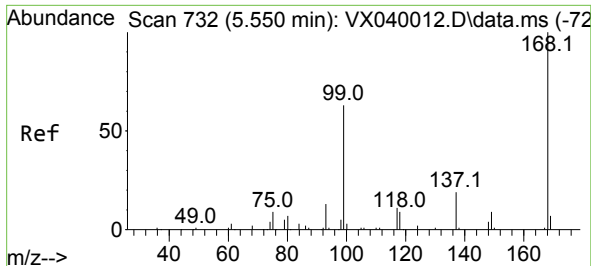
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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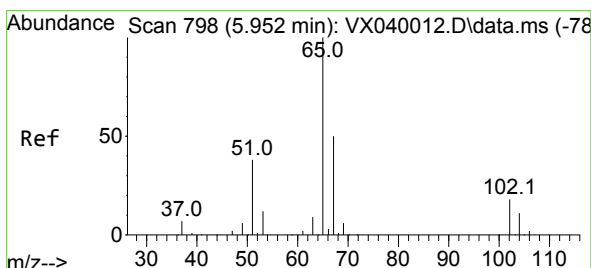
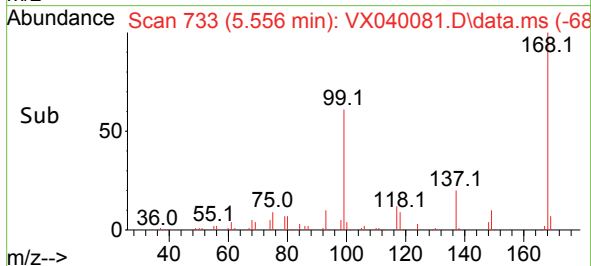
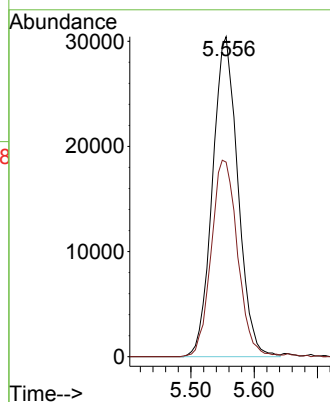
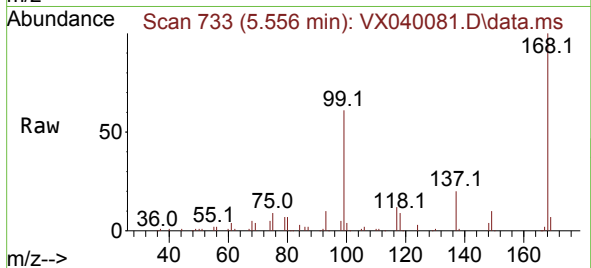




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

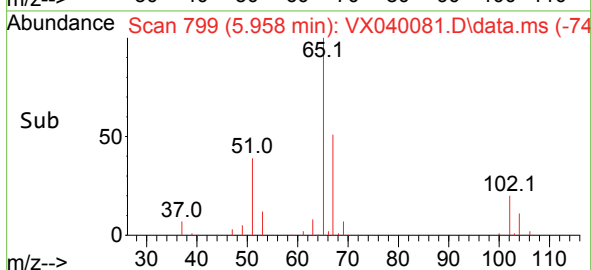
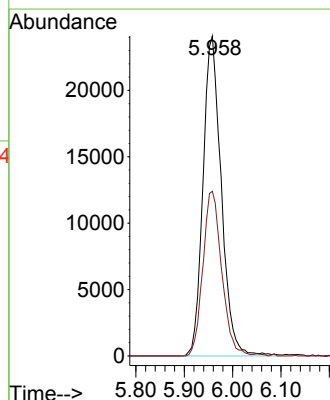
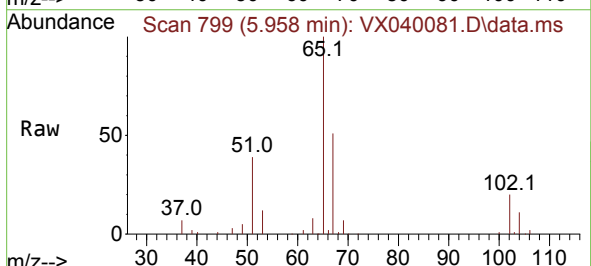
Instrument :
MSVOA_X
ClientSampleId :
FB-20240131

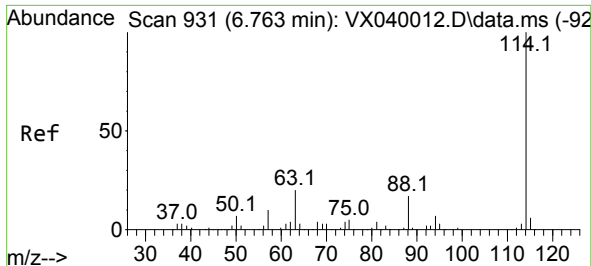
Tgt Ion:168 Resp: 84923
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.305 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 65 Resp: 63287
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

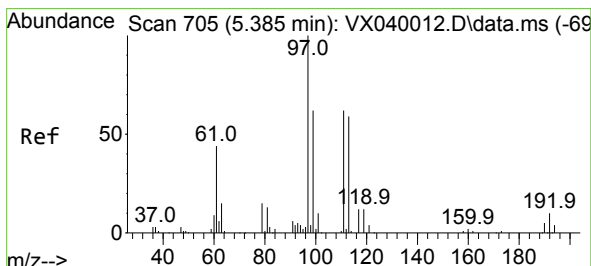
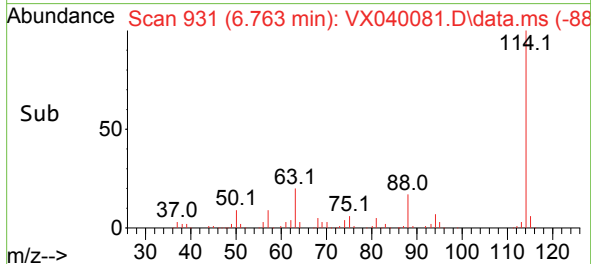
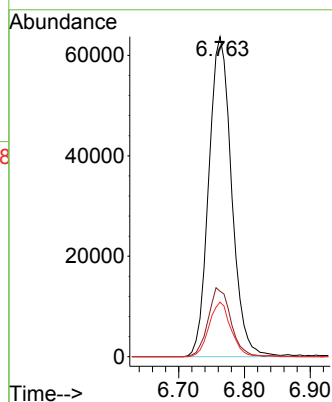
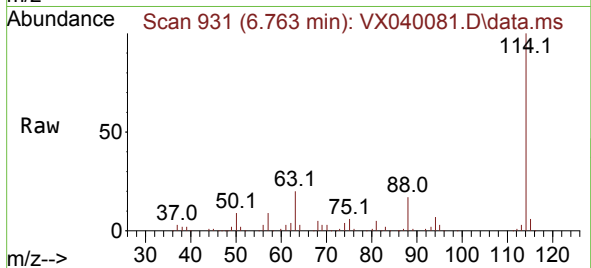




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

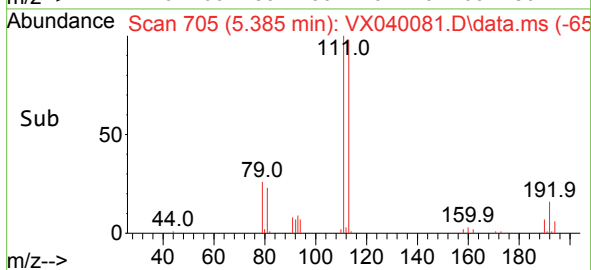
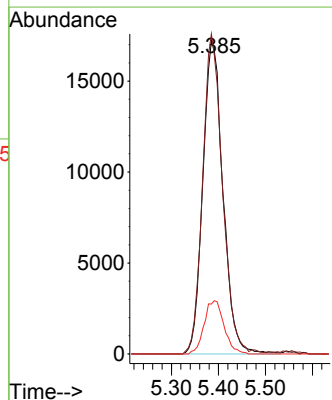
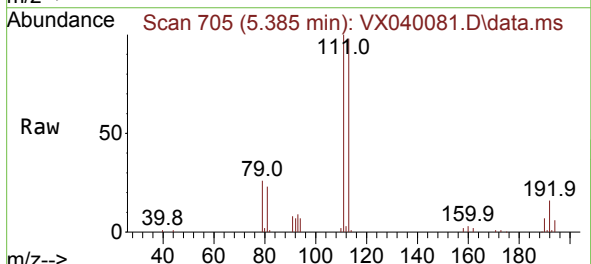
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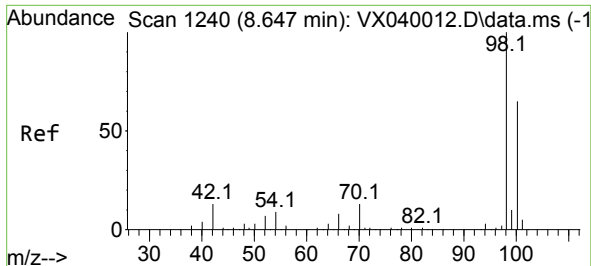
Tgt Ion:114 Resp: 153935
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.782 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion:113 Resp: 51118
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 16.8 13.3 19.9

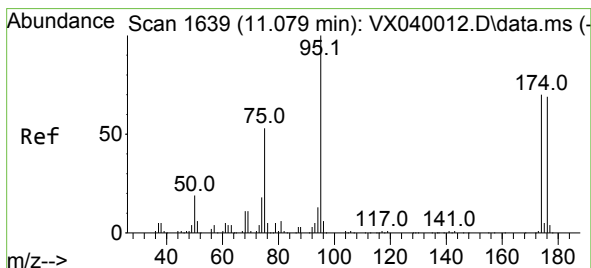
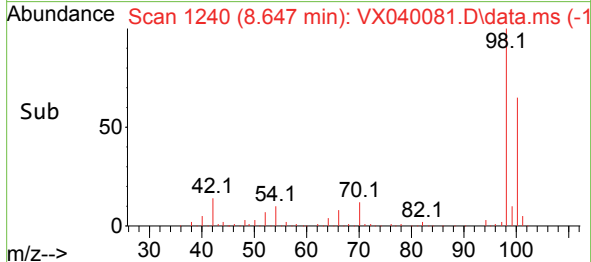
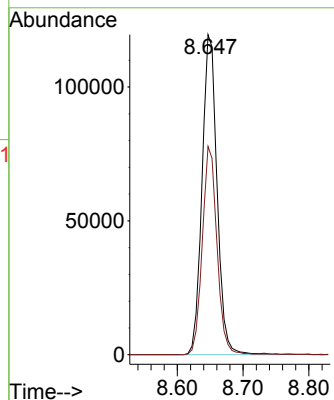
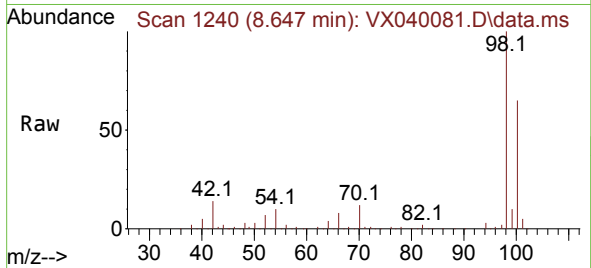




#50
Toluene-d8
Concen: 48.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

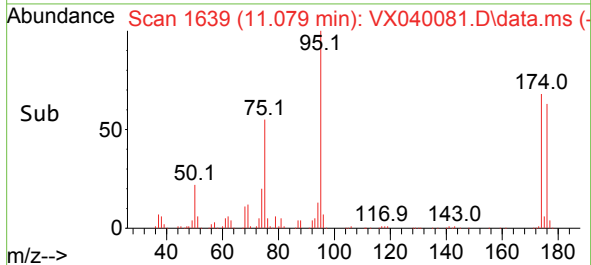
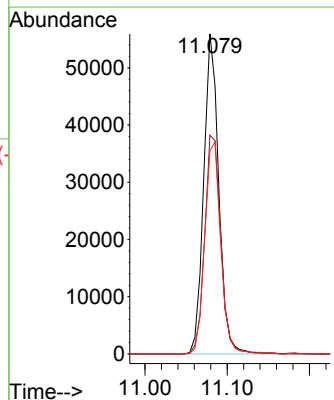
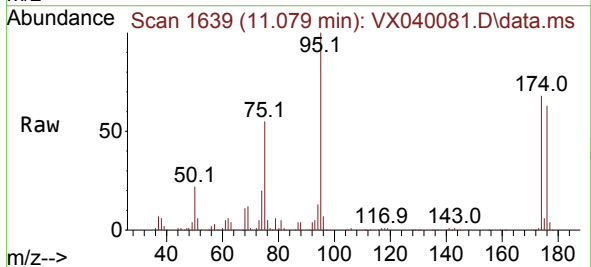
Instrument :
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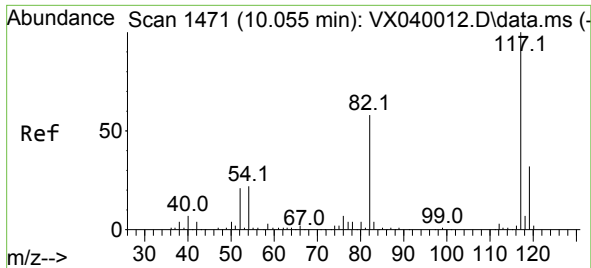
Tgt Ion: 98 Resp: 189986
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 95 Resp: 71180
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.0 0.0 131.0

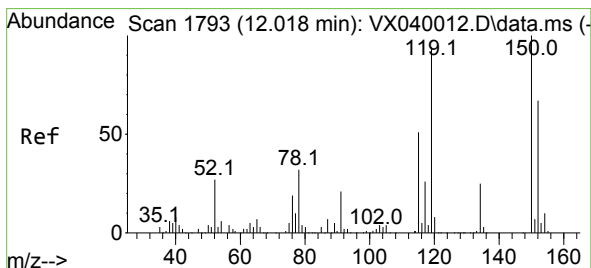
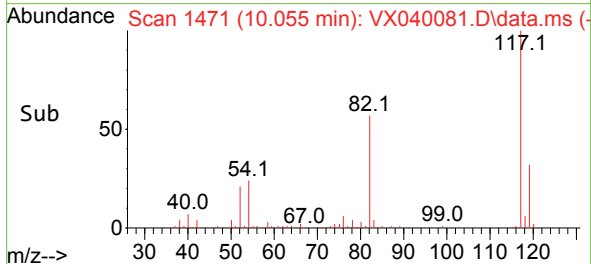
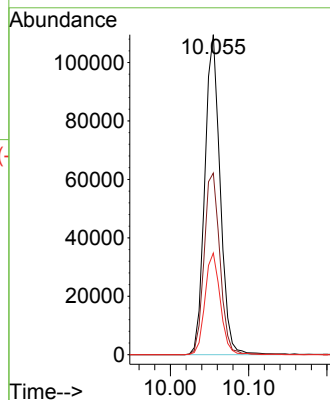
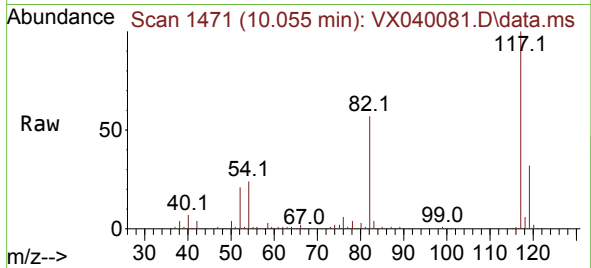




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Instrument :
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Tgt Ion:117 Resp: 148696
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 31.8 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: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion:152 Resp: 70685
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 161.9 0.0 345.0

