

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039881.D
 Acq On : 22 Jan 2024 14:14
 Operator : JC/MD
 Sample : P1196-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240118

Quant Time: Jan 23 00:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64979	47.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	49361	48.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.500%
50) Toluene-d8	8.647	98	188106	49.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	72892	48.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%

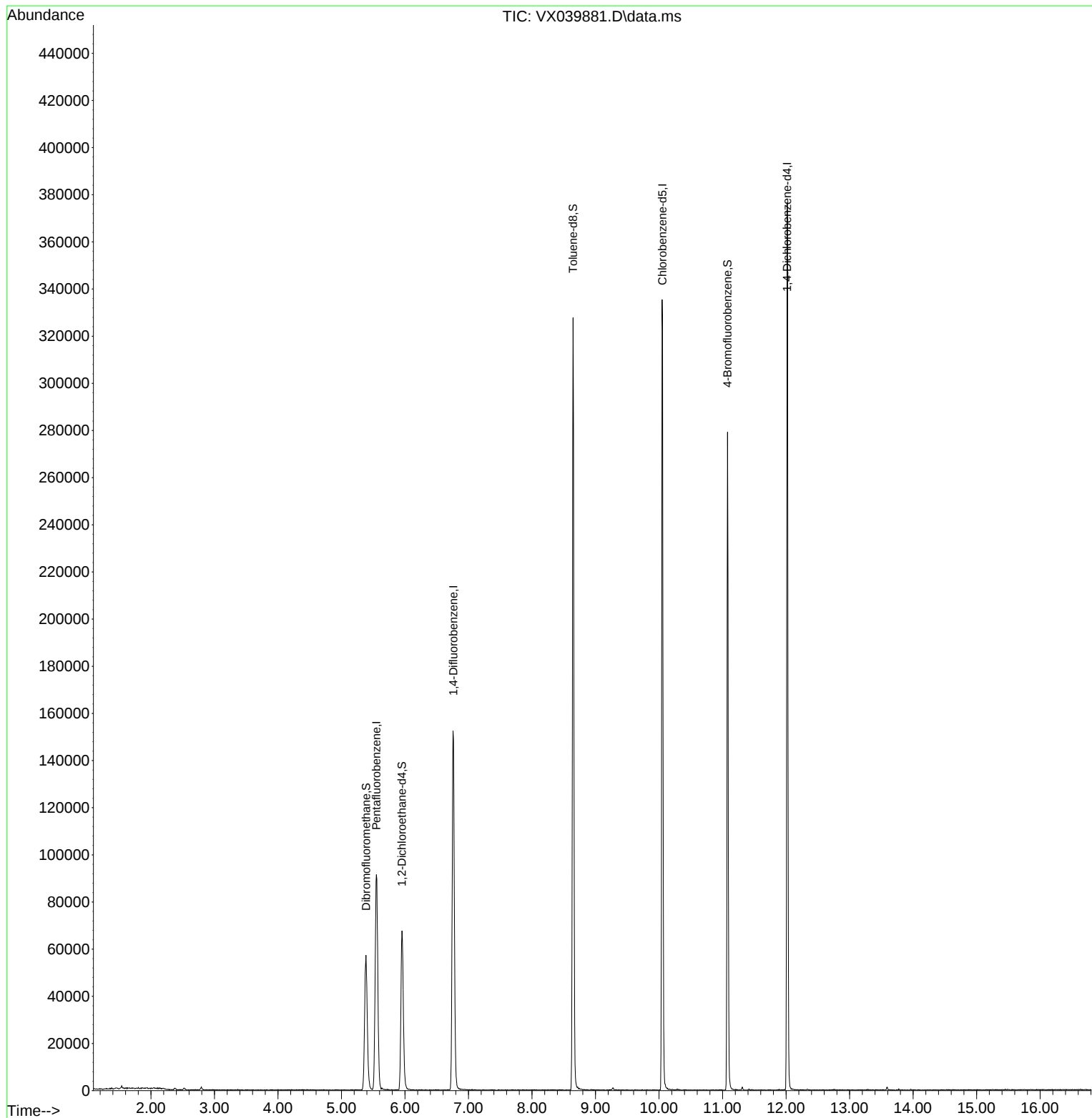
Target Compounds	Qvalue

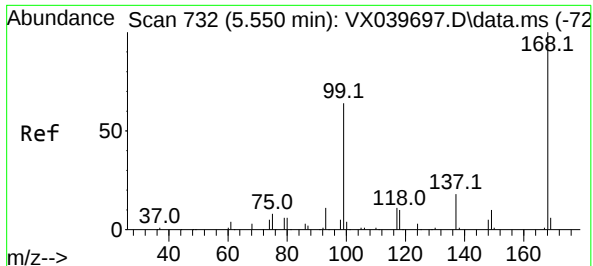
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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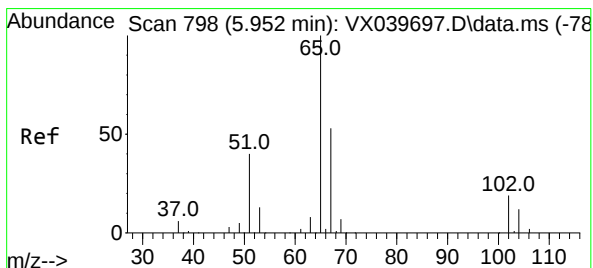
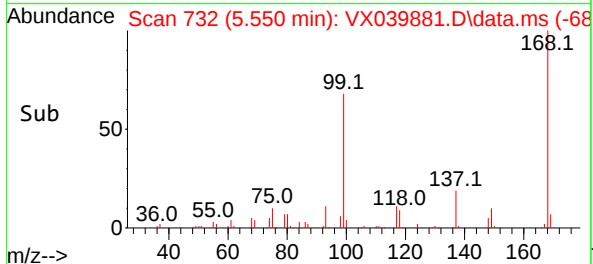
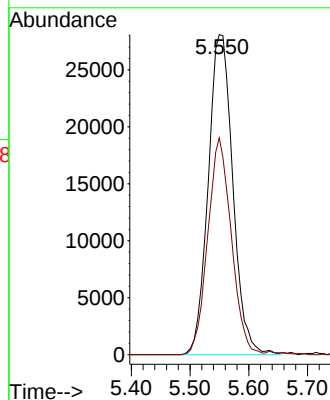
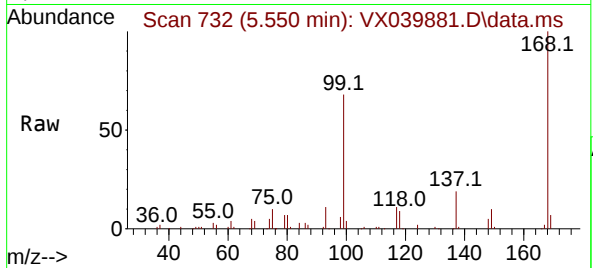




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

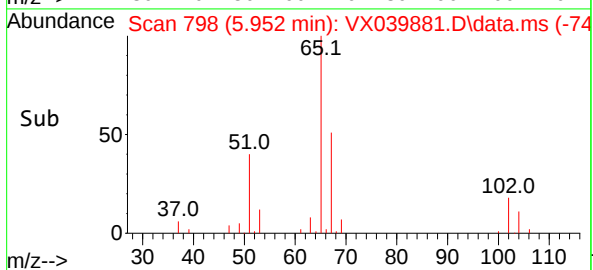
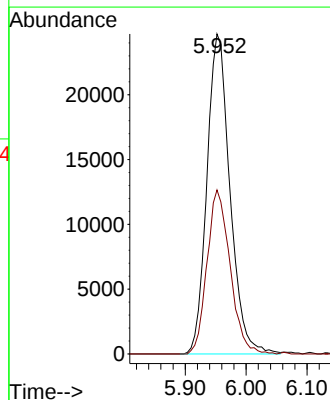
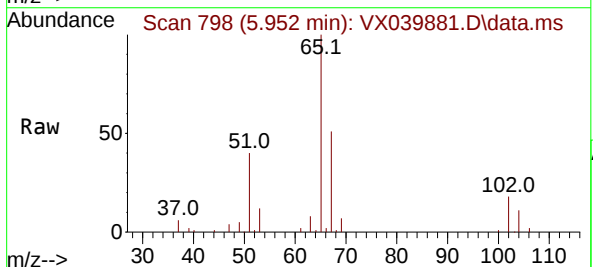
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

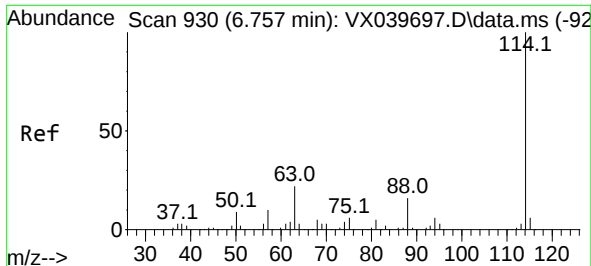
Tgt Ion:168 Resp: 81785
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.429 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion: 65 Resp: 64979
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

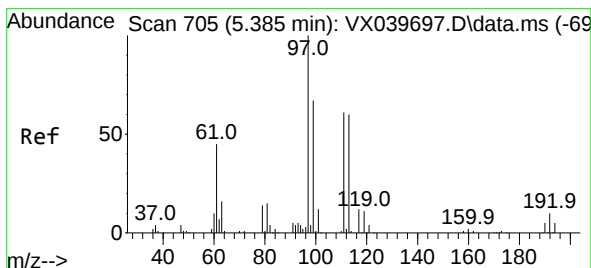
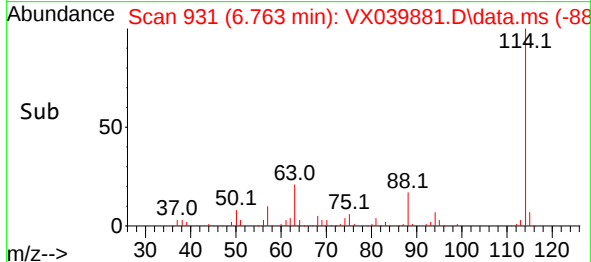
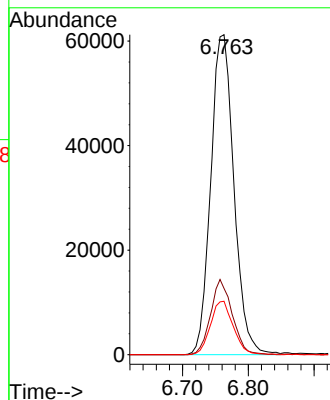
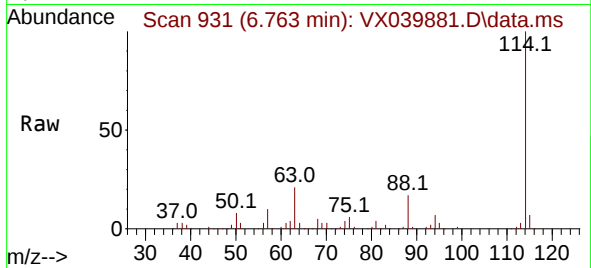




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

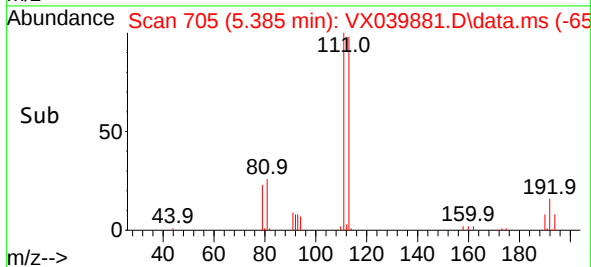
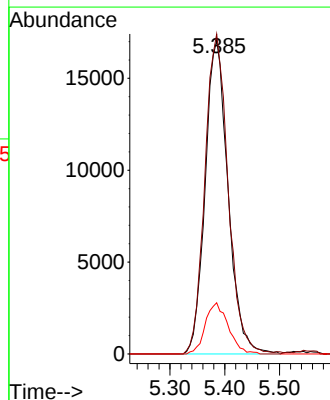
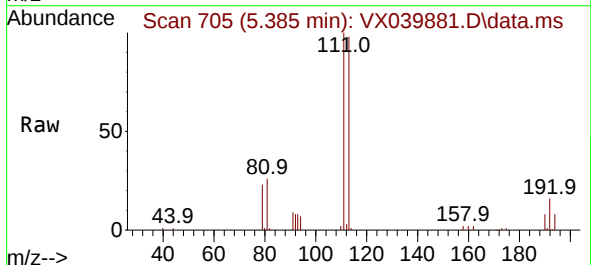
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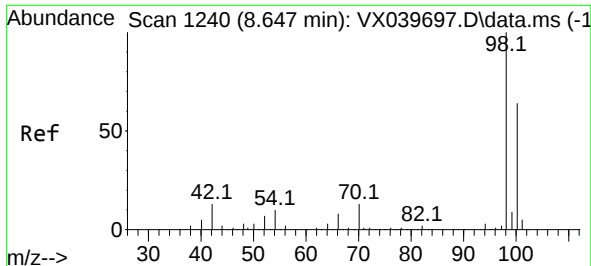
Tgt Ion:114 Resp: 150326
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.751 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion:113 Resp: 49361
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 16.4 13.3 19.9

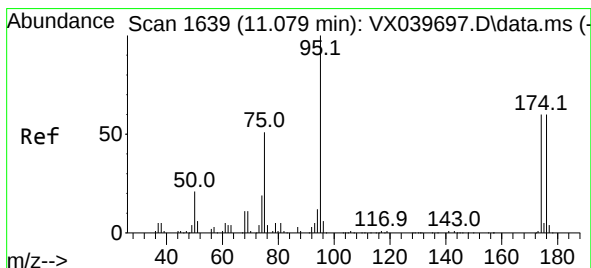
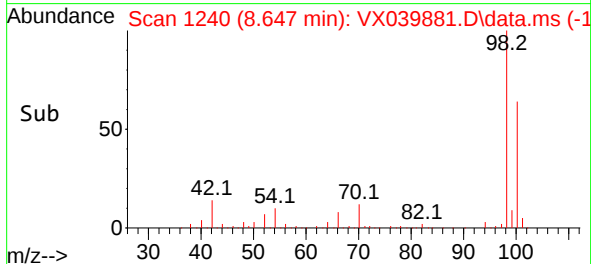
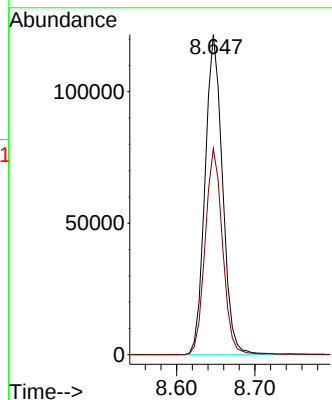
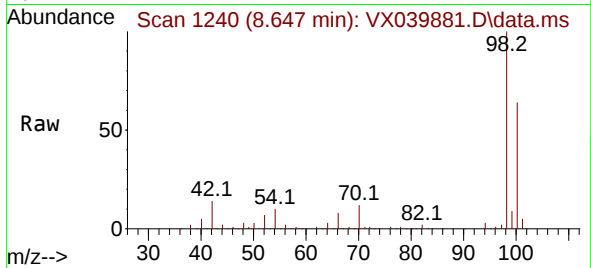




#50
Toluene-d8
Concen: 49.259 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

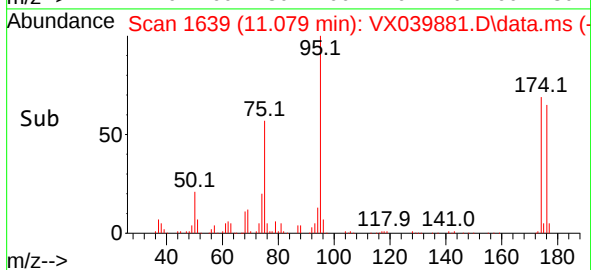
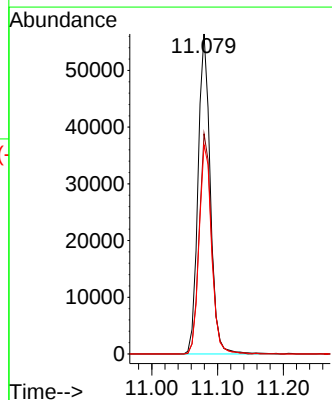
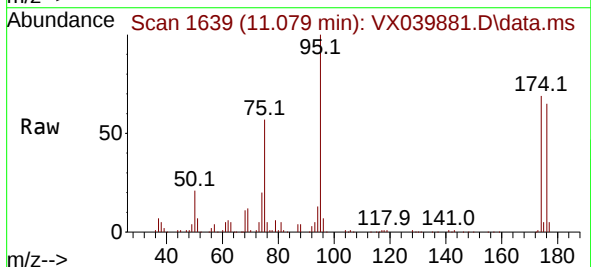
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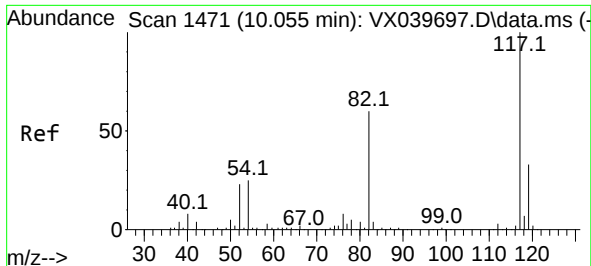
Tgt Ion: 98 Resp: 188106
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion: 95 Resp: 72892
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.6
176 66.9 0.0 131.0

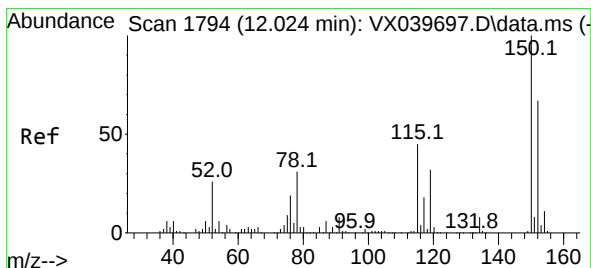
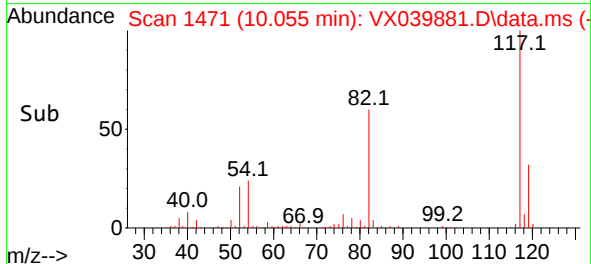
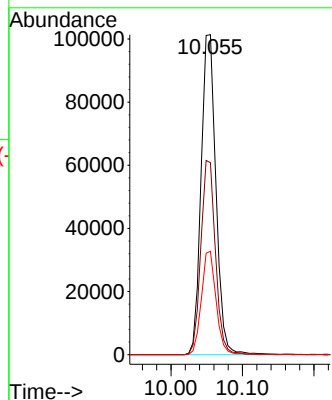
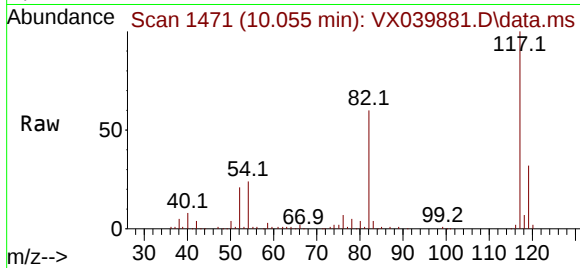




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

Tgt Ion:117 Resp: 146485
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion:152 Resp: 68763
Ion Ratio Lower Upper
152 100
115 66.7 43.3 129.9
150 159.6 0.0 345.0

