

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032817.D
 Acq On : 15 Nov 2022 13:07
 Operator : JC/MD
 Sample : N5587-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20221110

Quant Time: Nov 16 03:33:19 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	5.556	168	99131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70301	51.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.080%
35) Dibromofluoromethane	5.385	113	56206	47.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.647	98	202132	49.527	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	76117	47.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%

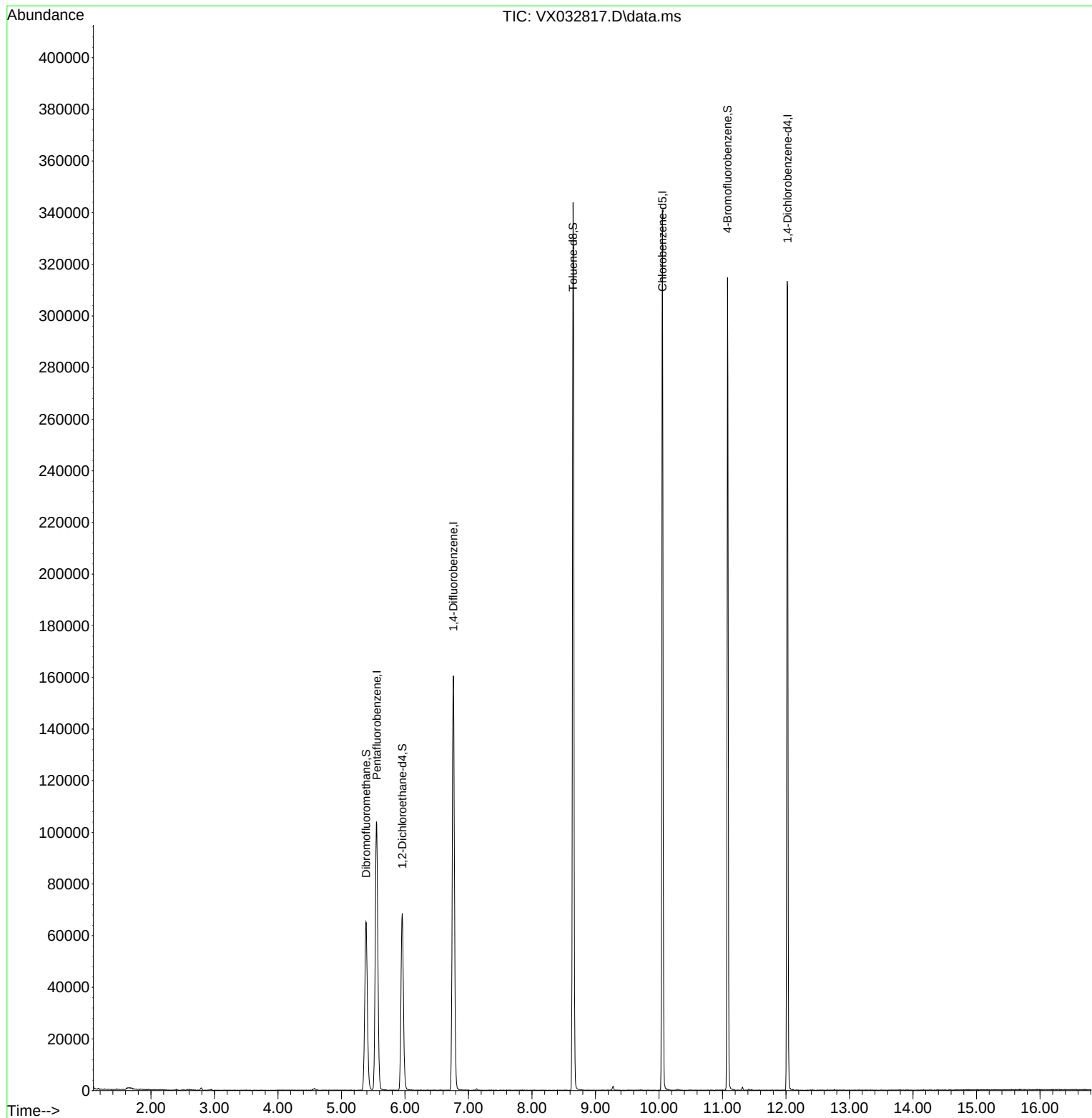
Target Compounds Qvalue

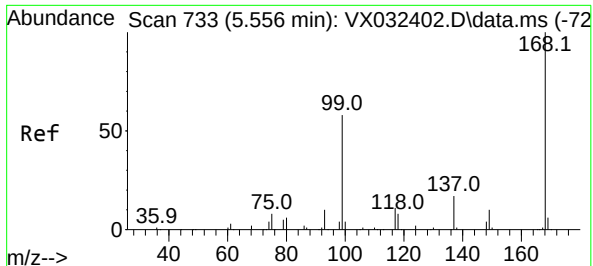
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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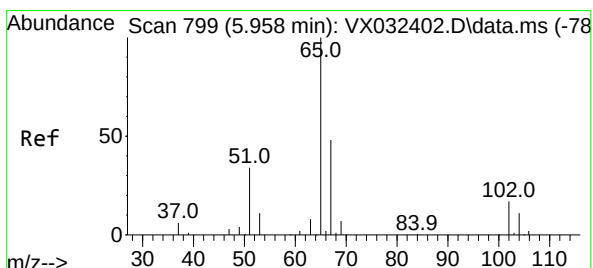
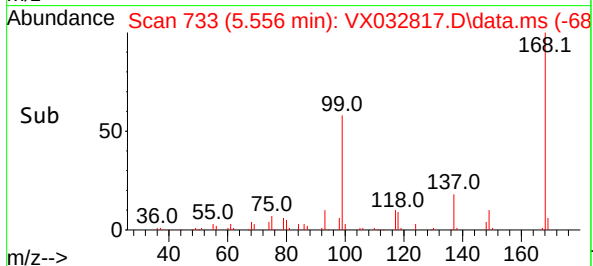
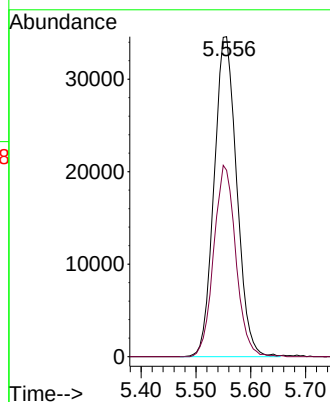
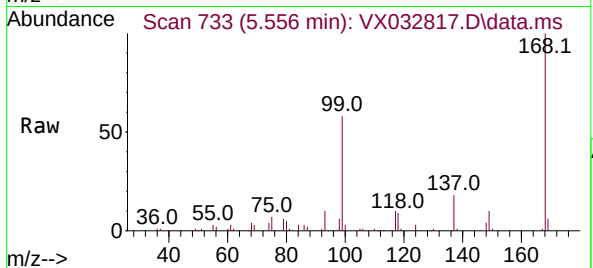




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

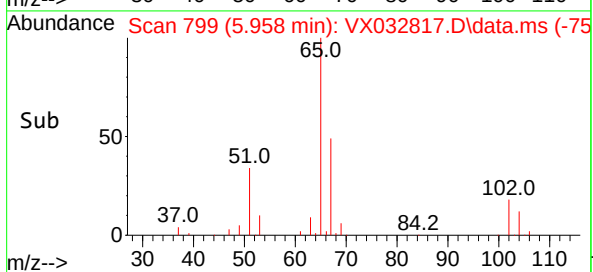
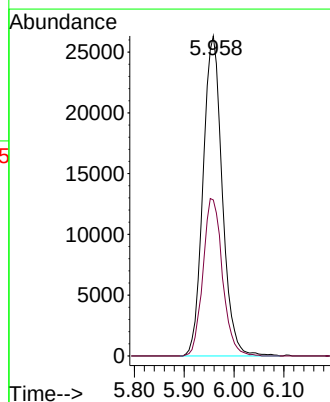
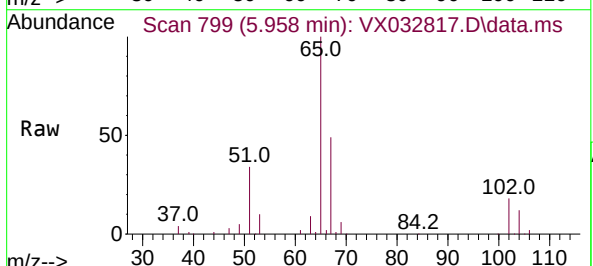
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20221110

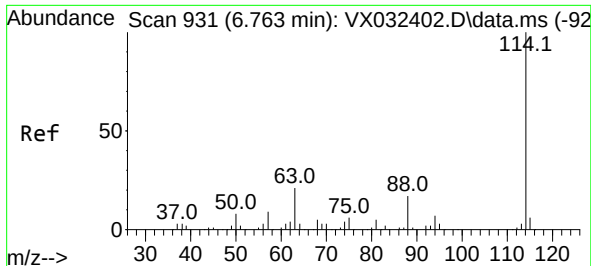
Tgt Ion:168 Resp: 99131
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 51.039 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Tgt Ion: 65 Resp: 70301
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

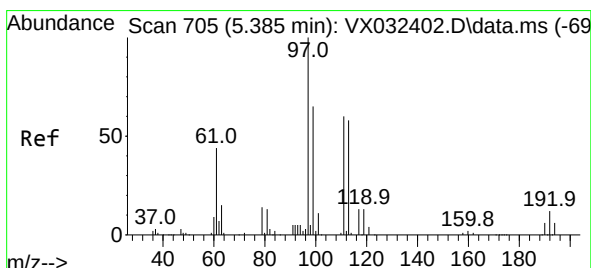
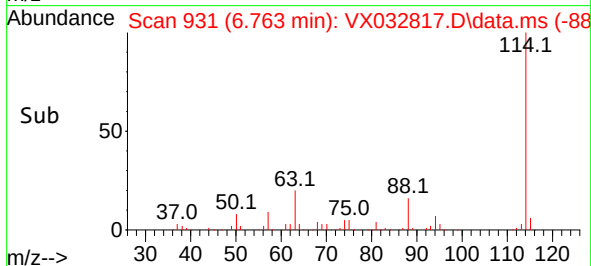
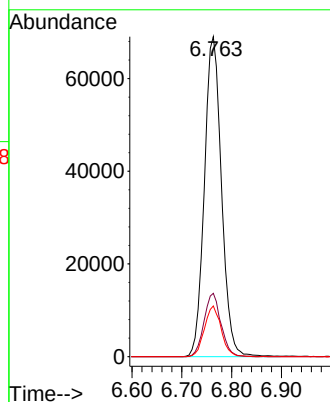
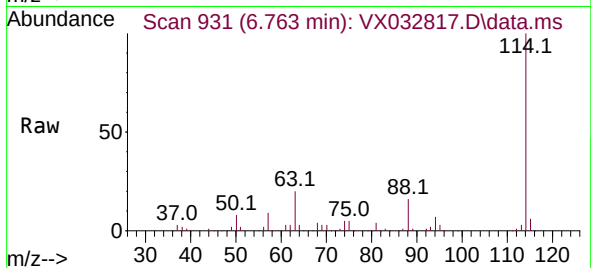




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

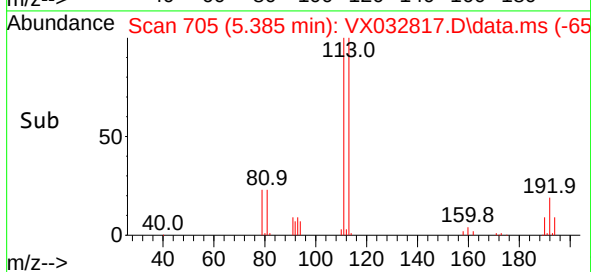
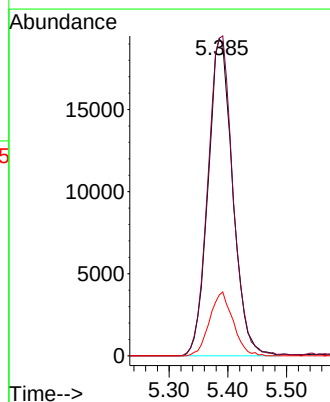
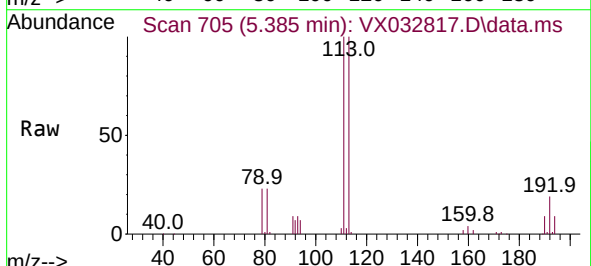
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ClientSampleId :
TB-01-20221110

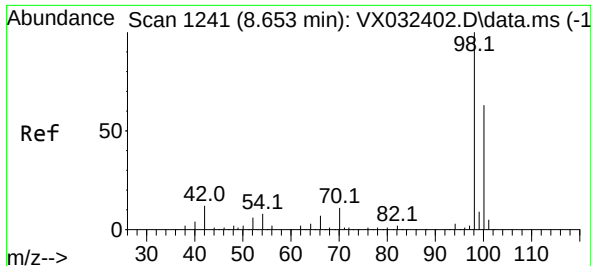
Tgt Ion:114 Resp: 164545
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Tgt Ion:113 Resp: 56206
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.2 15.4 23.2

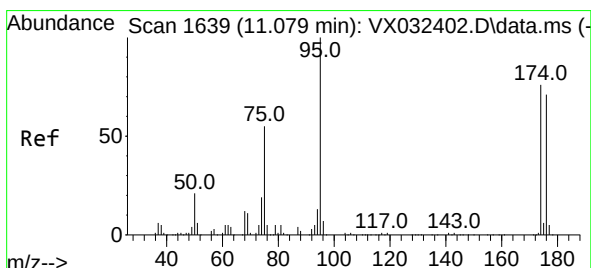
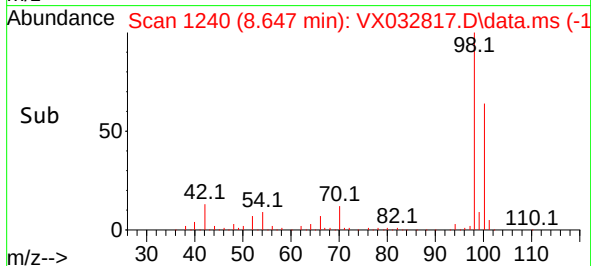
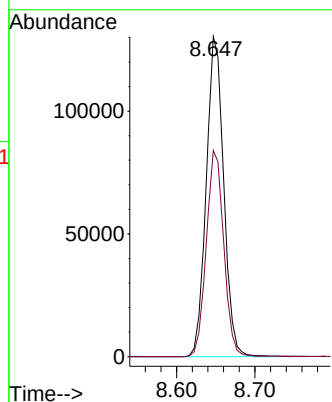
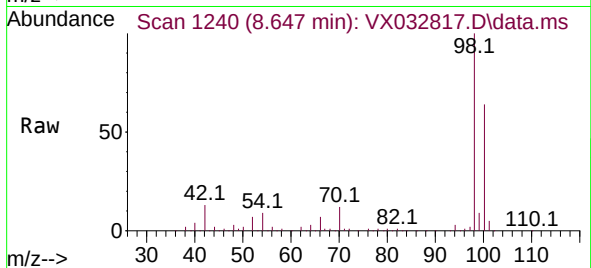




#50
Toluene-d8
Concen: 49.527 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

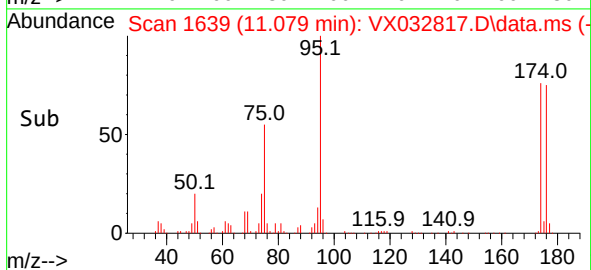
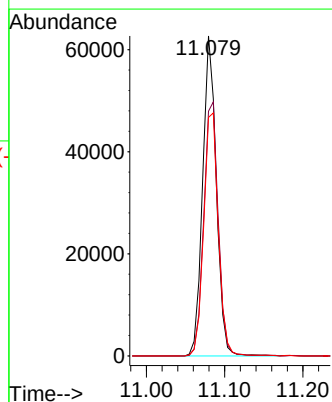
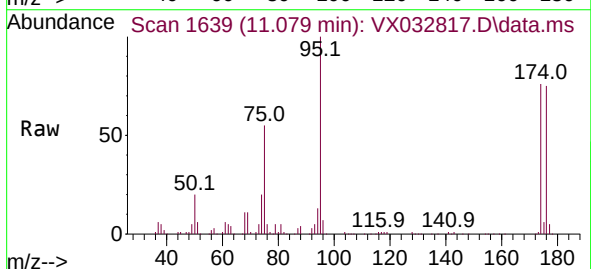
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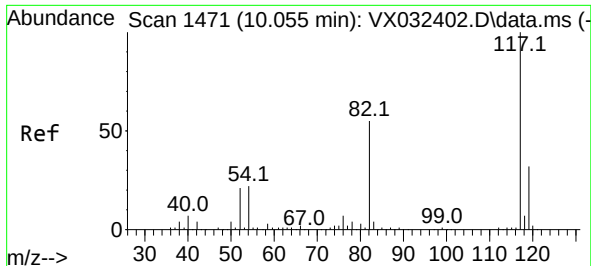
Tgt Ion: 98 Resp: 202132
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Tgt Ion: 95 Resp: 76117
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 81.4 0.0 154.4

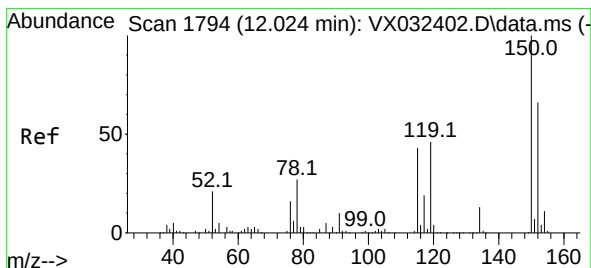
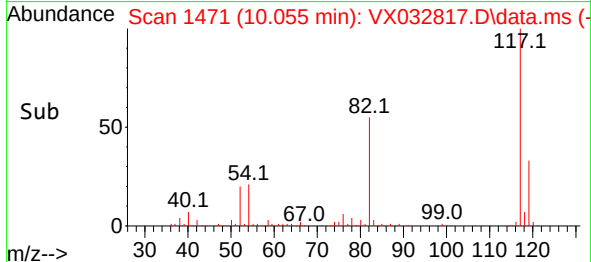
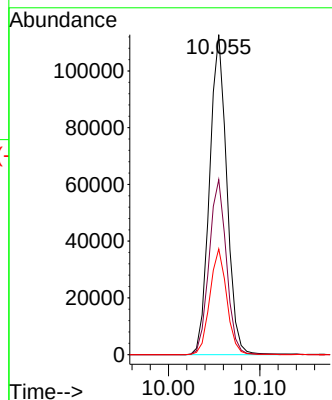
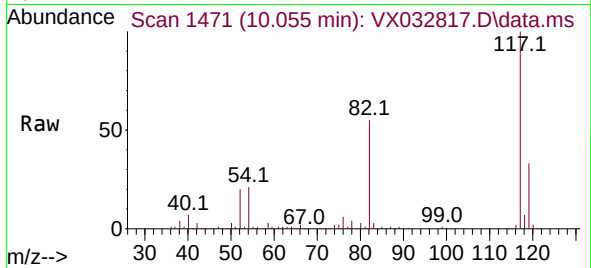




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20221110

Tgt Ion:117 Resp: 147874
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 33.0 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: VX032817.D
Acq: 15 Nov 2022 13:07

Tgt Ion:152 Resp: 66190
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 158.4 0.0 351.8

