

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036313.D
 Acq On : 24 Jun 2023 15:51
 Operator : JC/MD
 Sample : 03411-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 26 03:26:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	218765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165820	52.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.760%
35) Dibromofluoromethane	5.385	113	126758	48.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.647	98	476905	49.085	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	159003	46.461	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.920%

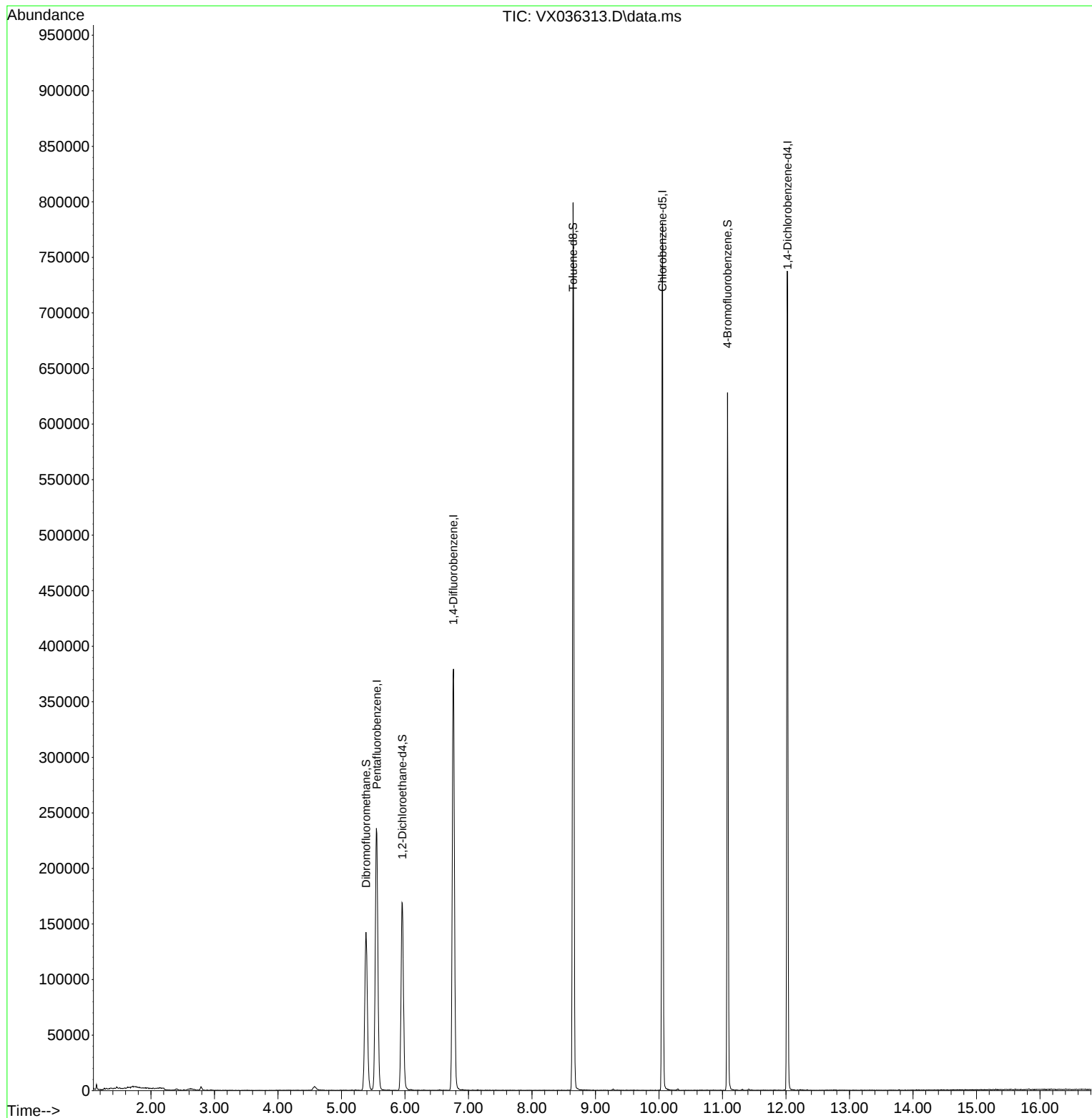
Target Compounds	Qvalue

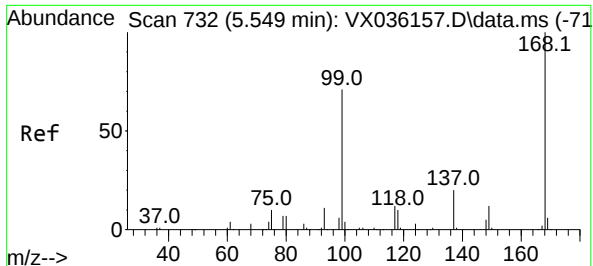
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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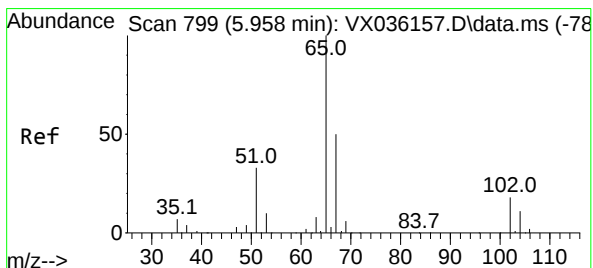
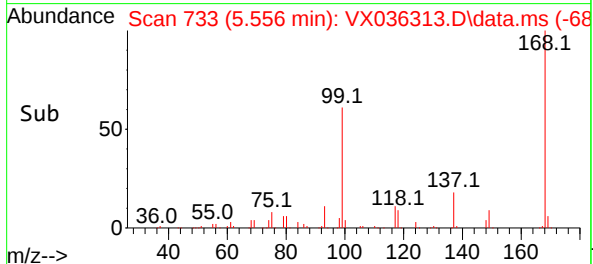
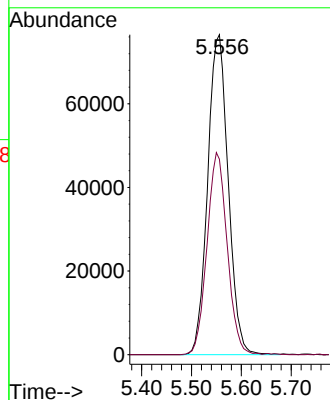
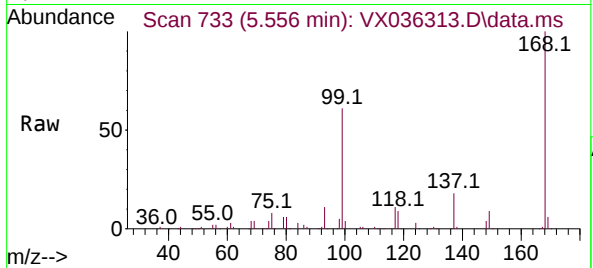




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

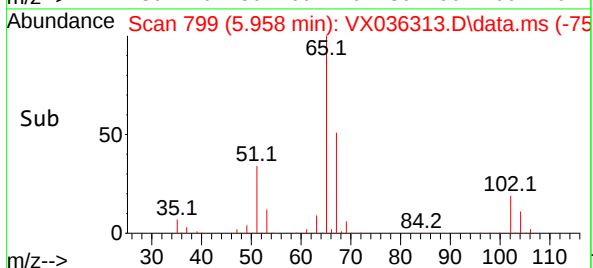
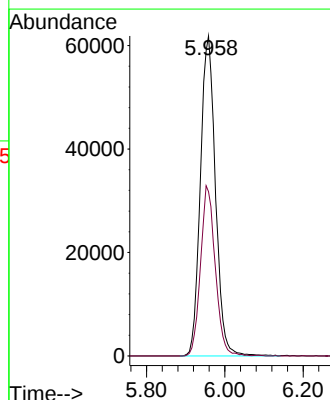
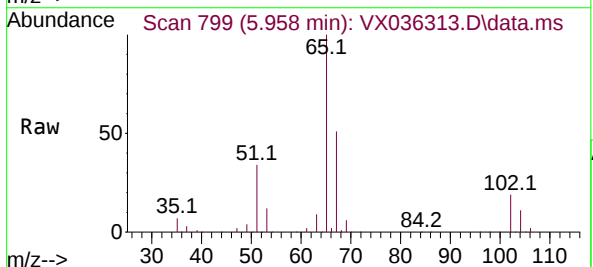
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

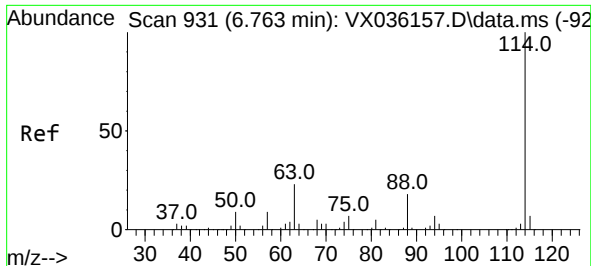
Tgt Ion:168 Resp: 218765
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 52.879 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 65 Resp: 165820
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

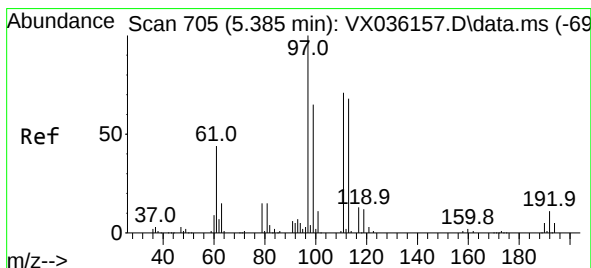
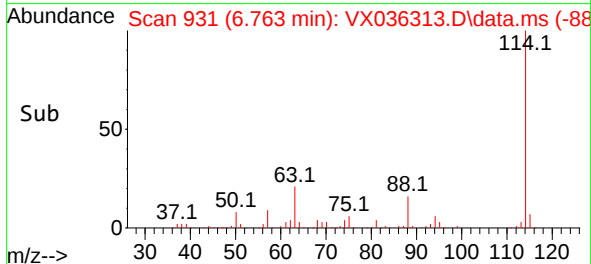
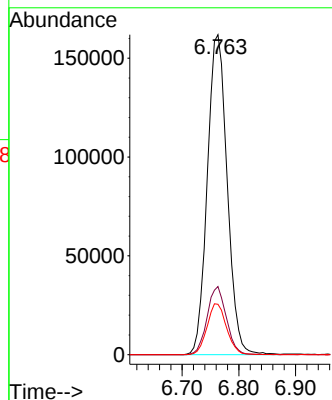
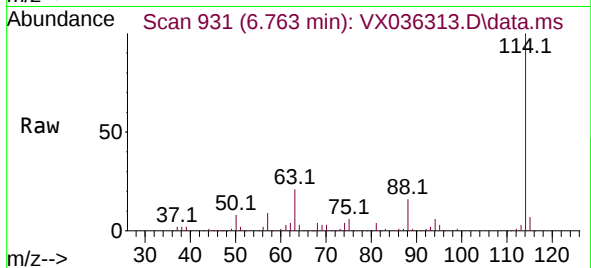




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX036313.D
 Acq: 24 Jun 2023 15:51

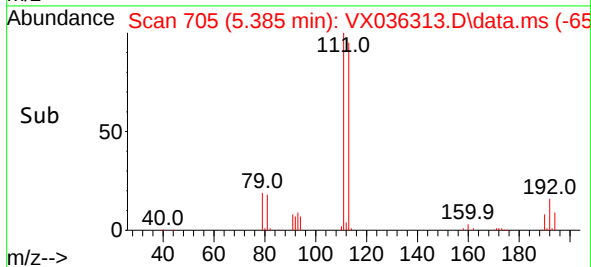
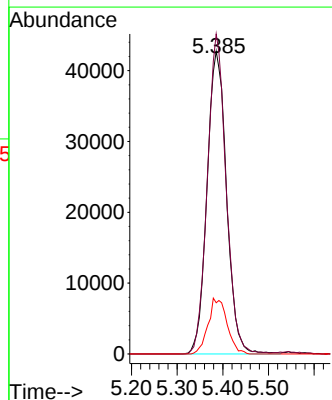
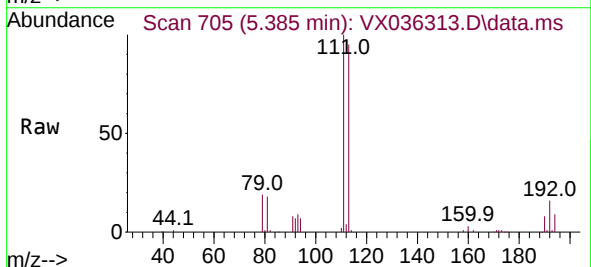
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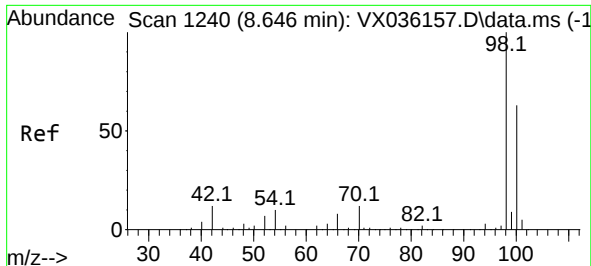
Tgt Ion:114 Resp: 394517
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.0
 88 15.8 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 48.728 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036313.D
 Acq: 24 Jun 2023 15:51

Tgt Ion:113 Resp: 126758
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 17.8 13.3 19.9

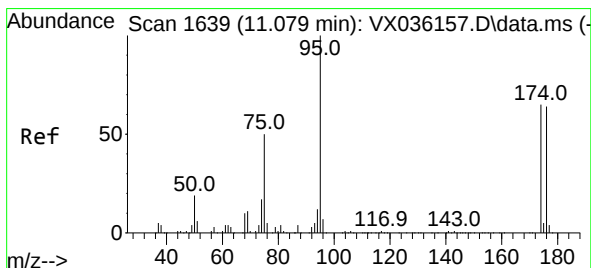
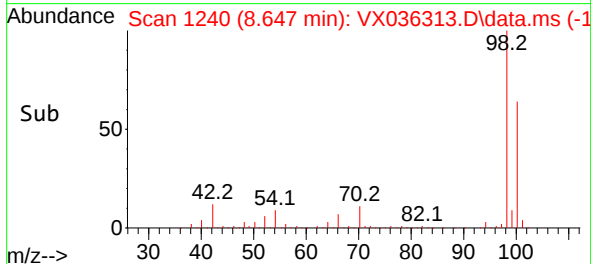
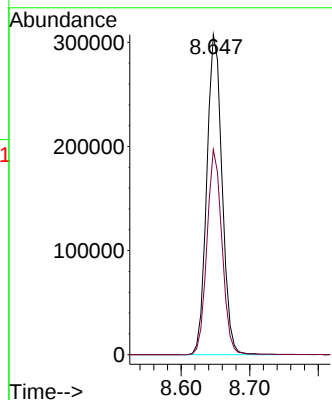
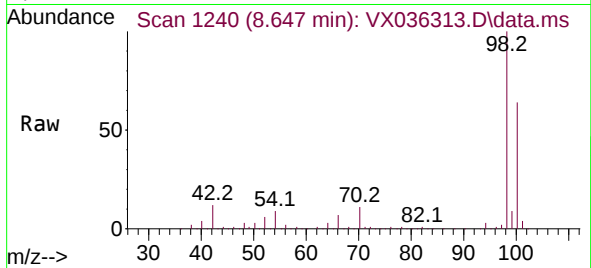




#50
Toluene-d8
Concen: 49.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

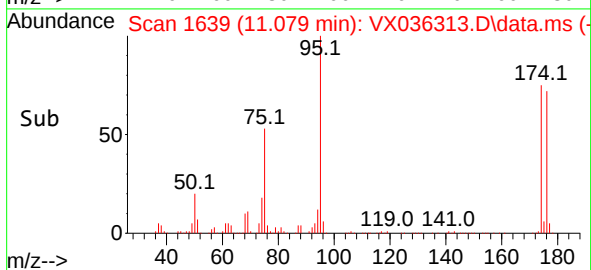
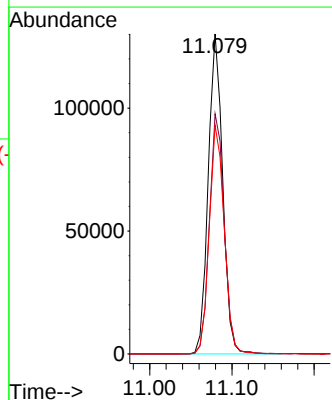
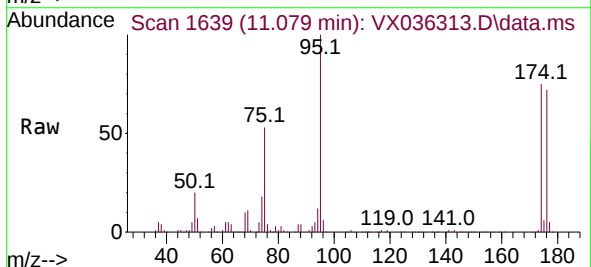
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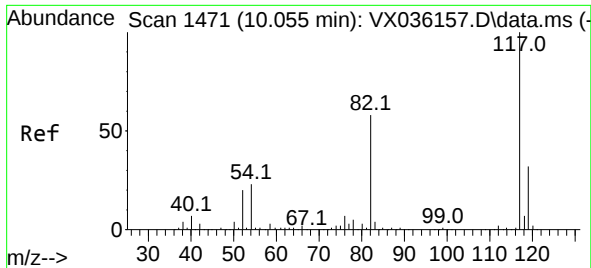
Tgt Ion: 98 Resp: 476905
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 95 Resp: 159003
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 74.0 0.0 131.0

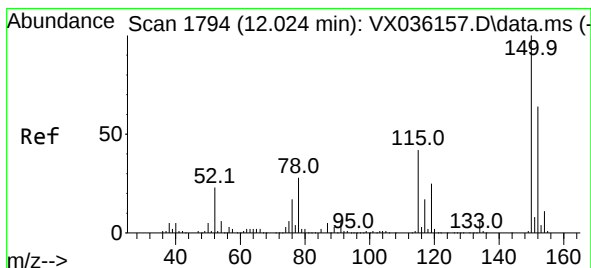
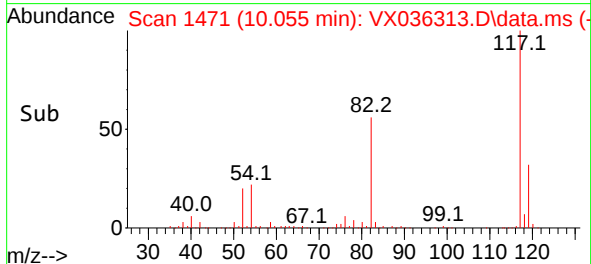
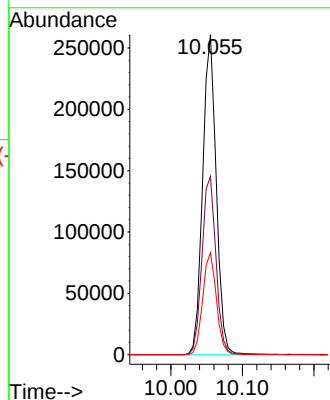
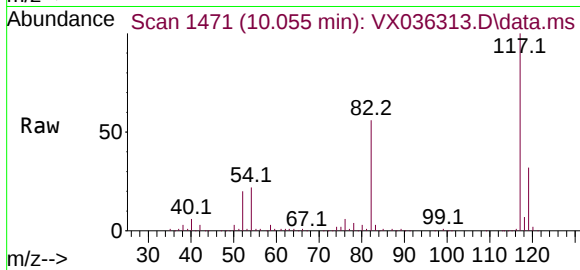




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036313.D
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Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 344393
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion:152 Resp: 150400
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 158.5 0.0 345.0

