

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037437.D
 Acq On : 31 Aug 2023 17:54
 Operator : JC/MD
 Sample : 04182-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 01 03:15:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86644	42.296	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.600%
35) Dibromofluoromethane	5.385	113	71718	46.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	272820	48.589	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	98171	44.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.980%

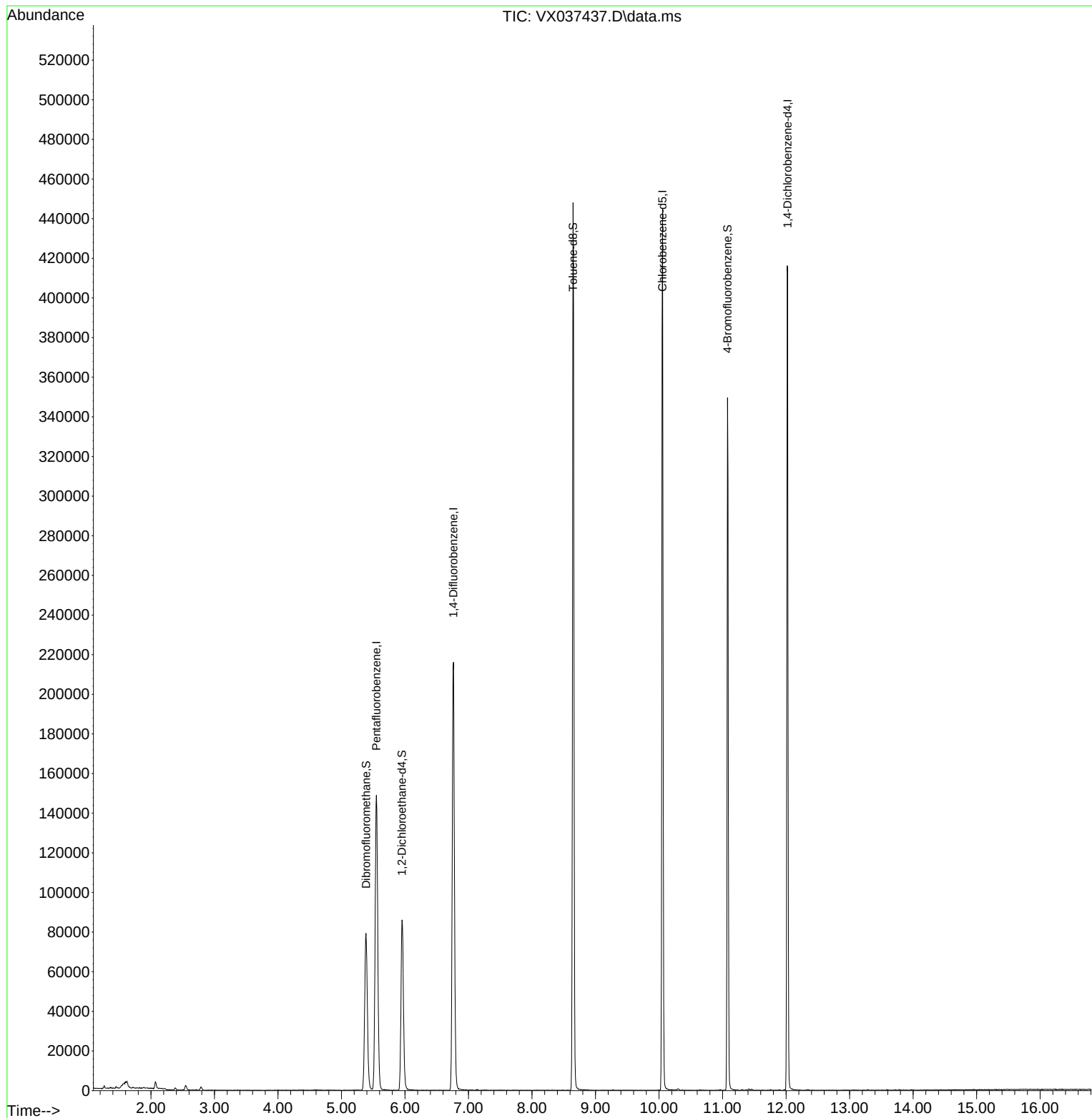
Target Compounds	Qvalue

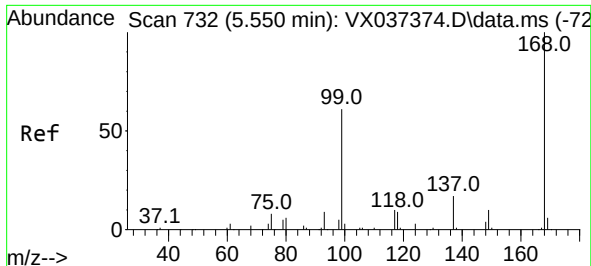
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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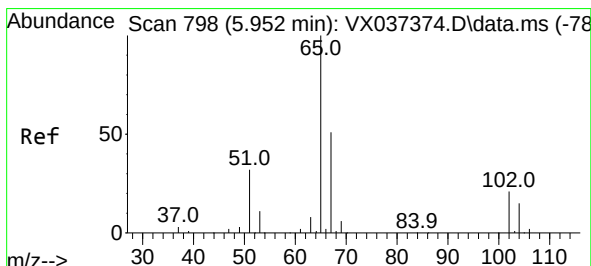
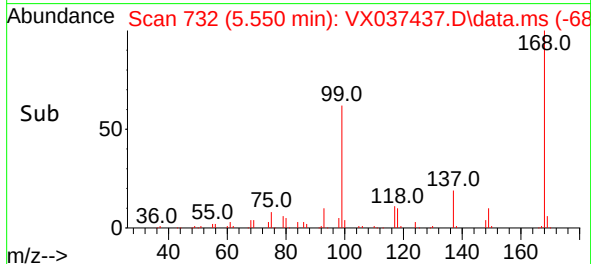
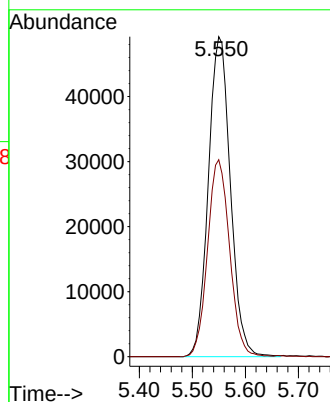
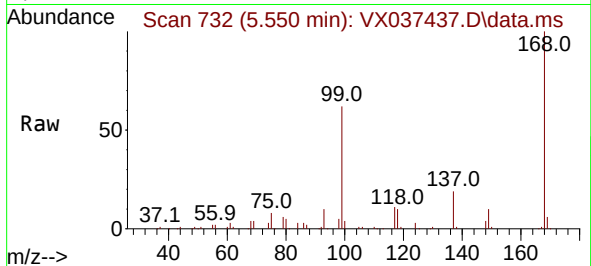




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

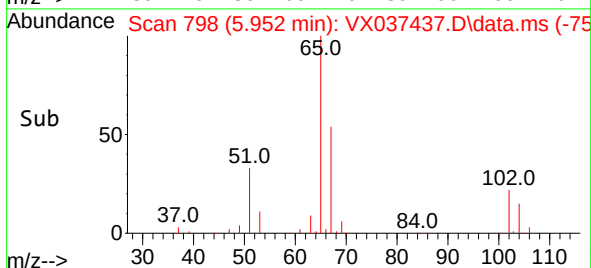
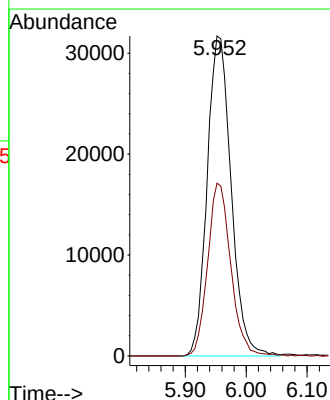
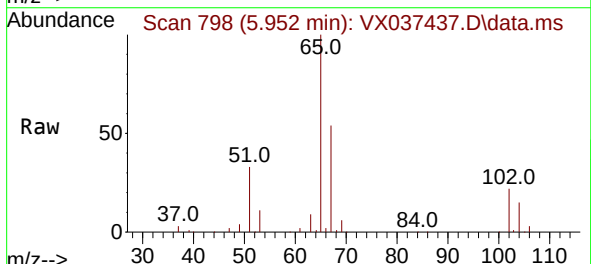
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

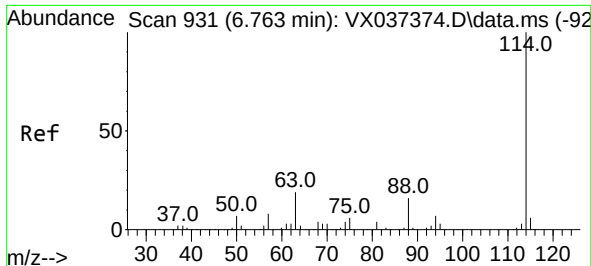
Tgt Ion:168 Resp: 142092
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 42.296 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

Tgt Ion: 65 Resp: 86644
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

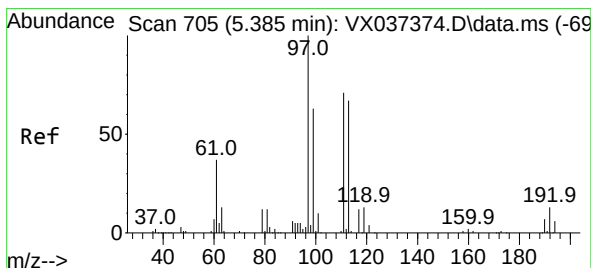
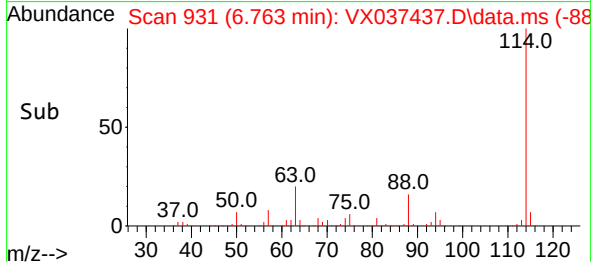
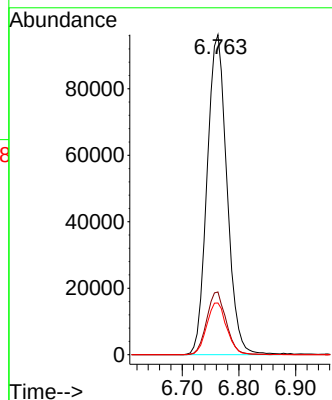
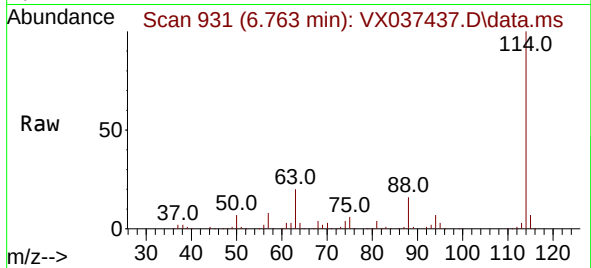




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

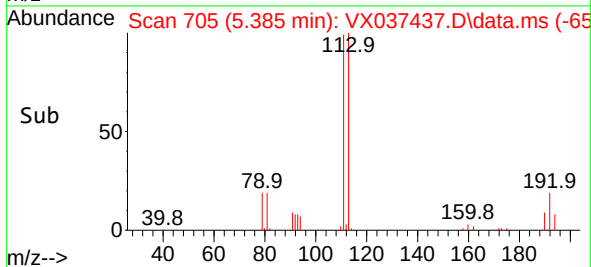
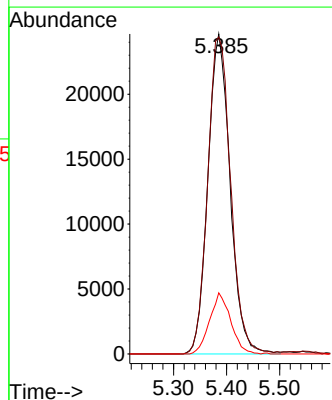
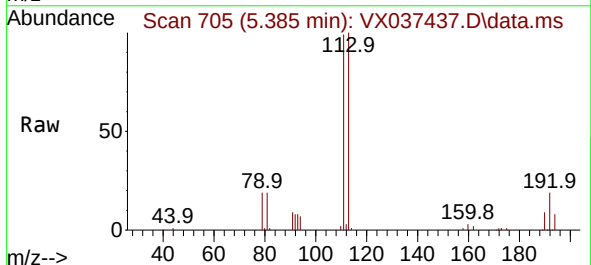
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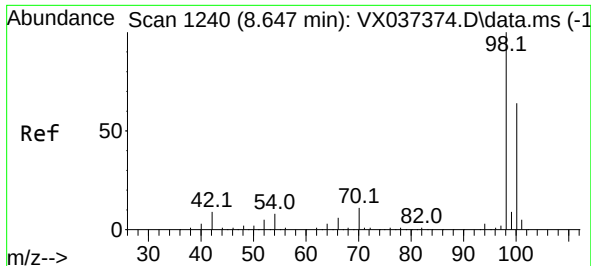
Tgt Ion:114 Resp: 233723
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

Tgt Ion:113 Resp: 71718
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.1 13.3 19.9

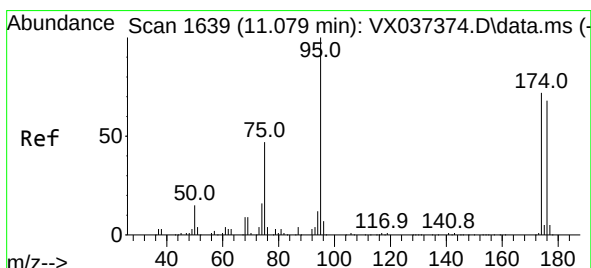
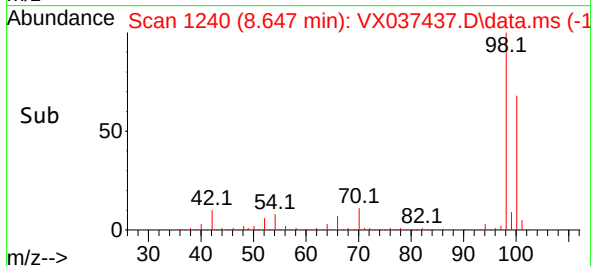
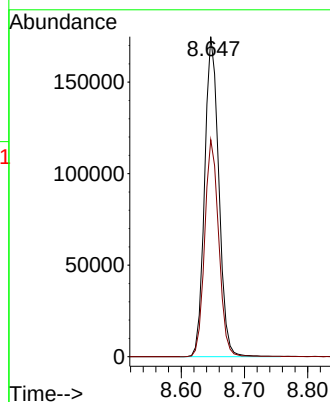
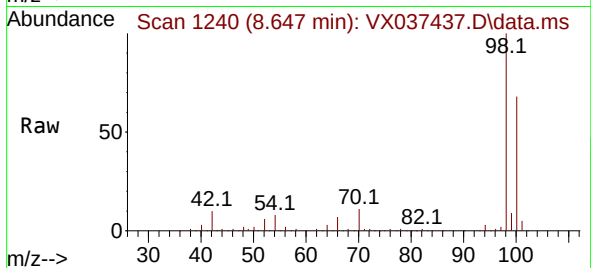




#50
Toluene-d8
Concen: 48.589 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

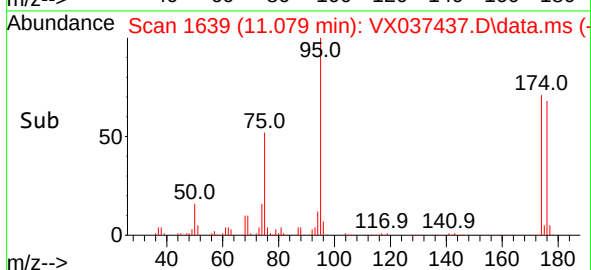
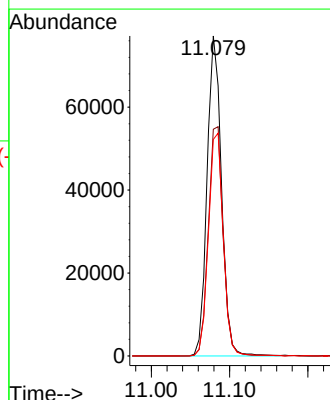
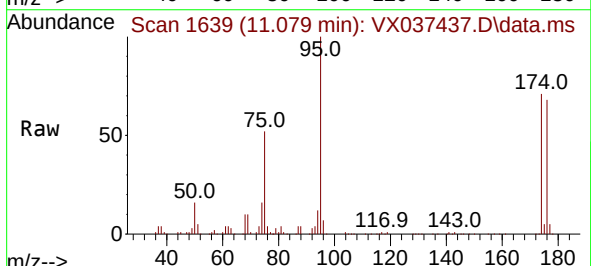
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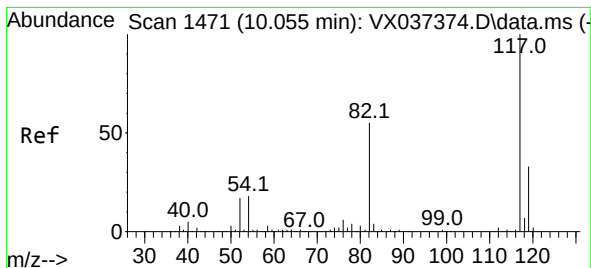
Tgt Ion: 98 Resp: 272820
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

Tgt Ion: 95 Resp: 98171
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.9 0.0 131.0

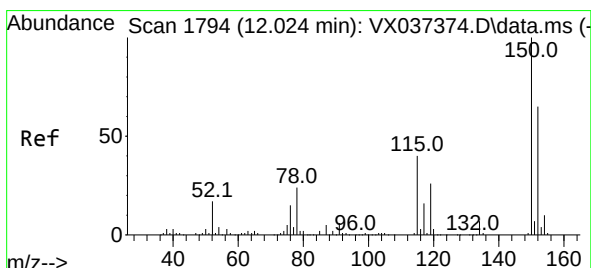
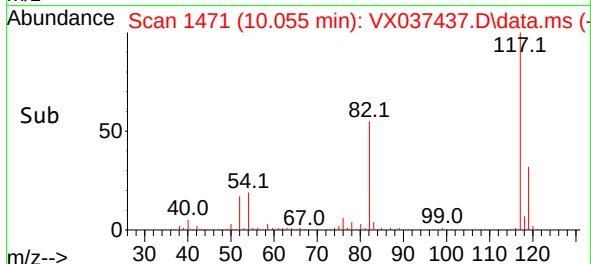
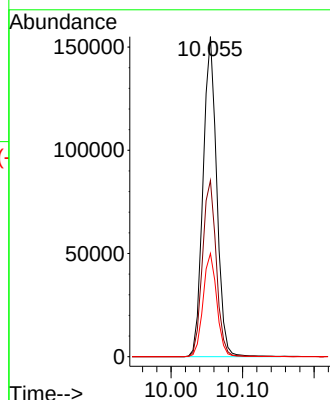
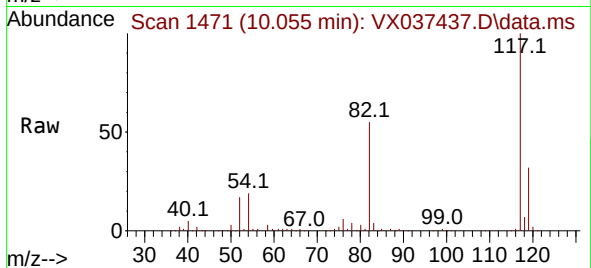




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037437.D
Acq: 31 Aug 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 206078
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.3 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: VX037437.D
Acq: 31 Aug 2023 17:54

Tgt Ion:152 Resp: 92513
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 156.2 0.0 345.0

