

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037156.D
 Acq On : 22 Aug 2023 17:05
 Operator : JC/MD
 Sample : 04086-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230818

Quant Time: Aug 22 17:32:35 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)

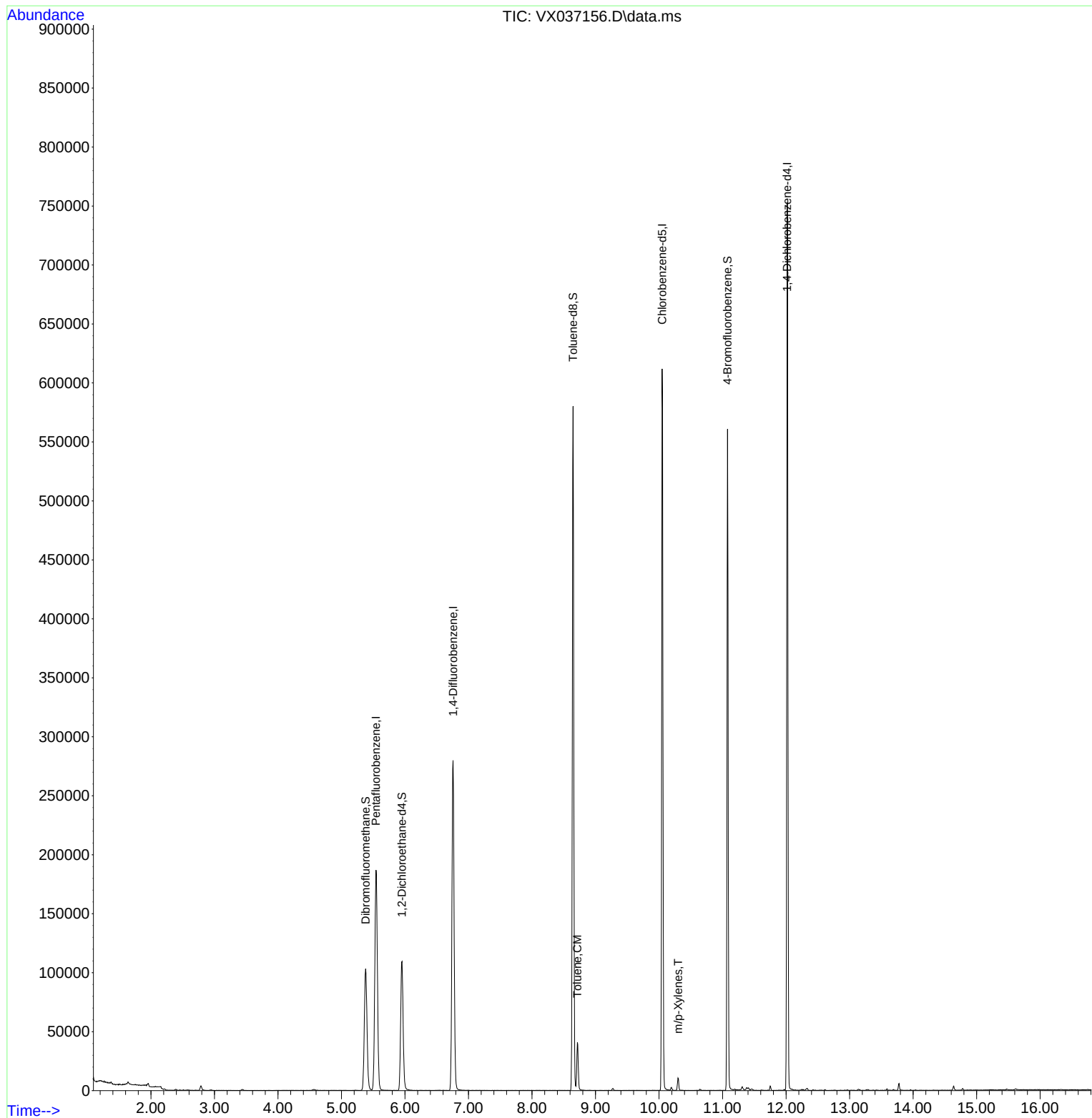
Internal Standards						
1) Pentafluorobenzene	5.544	168	174184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	292349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	286401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	151850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112056	44.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.379	113	91377	47.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	348348	49.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	150360	54.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.960%
Target Compounds						
					Qvalue	
52) Toluene	8.714	92	16165	3.101	ug/l	100
68) m/p-Xylenes	10.299	106	2531	0.615	ug/l	95

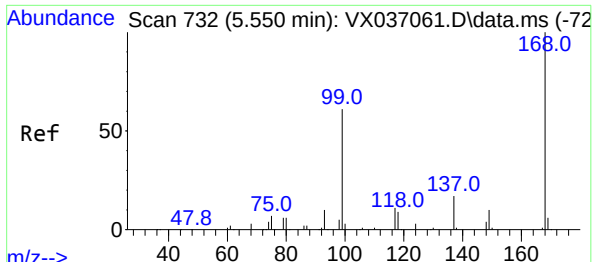
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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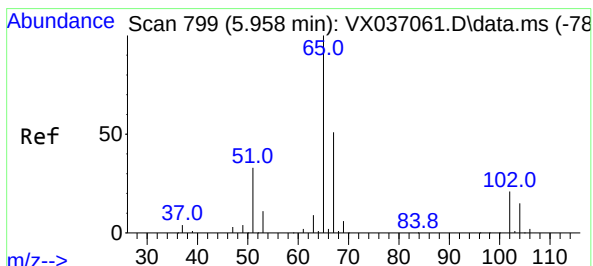
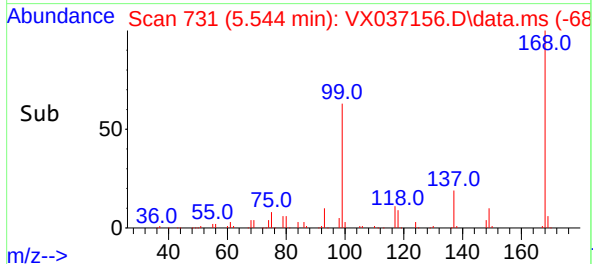
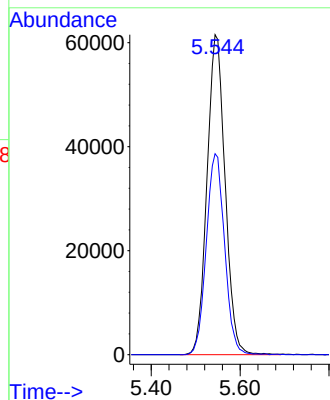
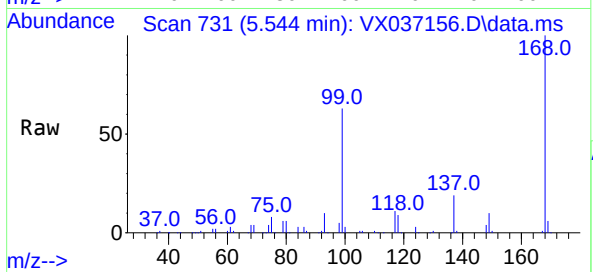




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

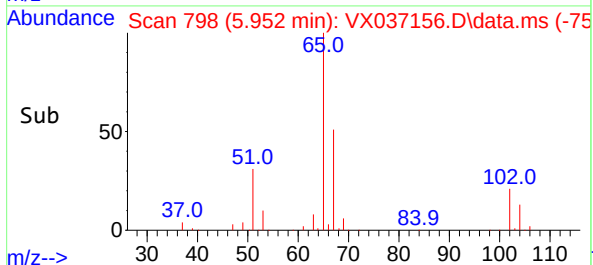
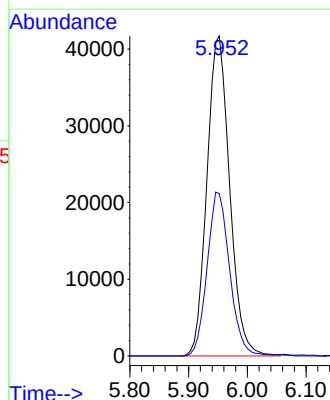
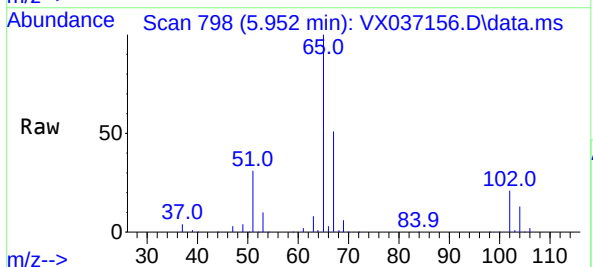
Instrument :
MSVOA_X
ClientSampleId :
TB-20230818

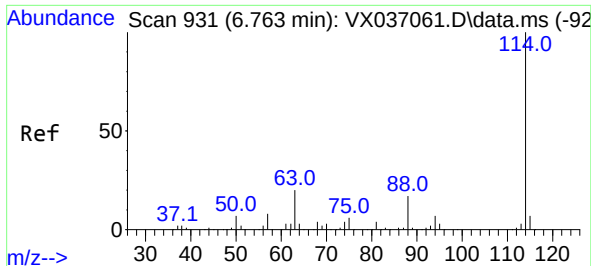
Tgt Ion:168 Resp: 174184
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.623 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 65 Resp: 112056
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

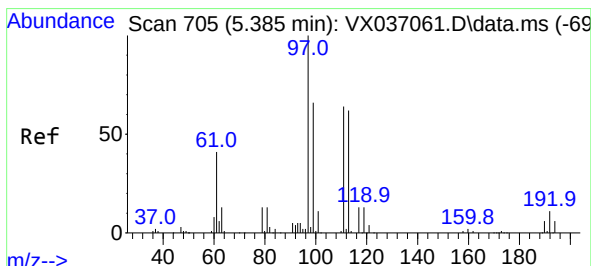
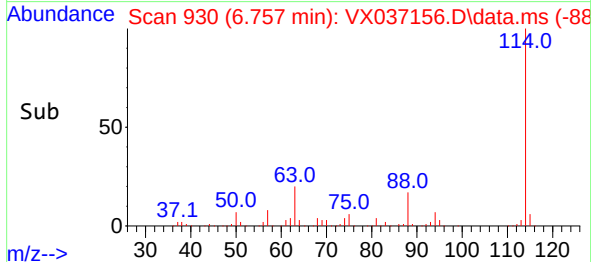
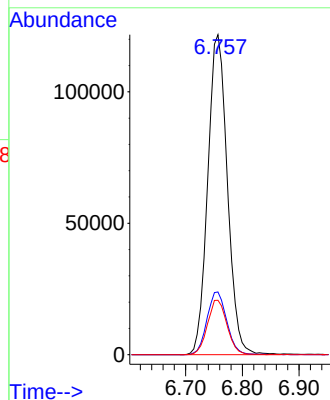
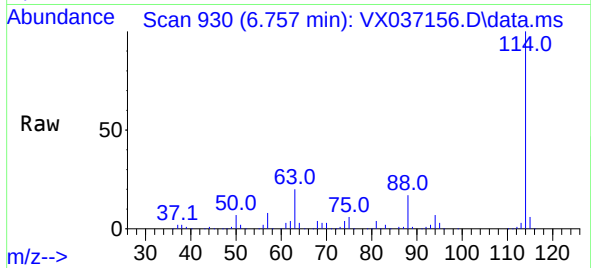




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

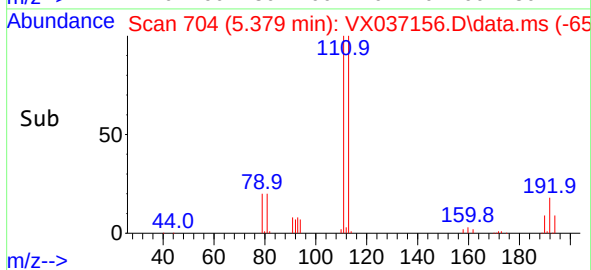
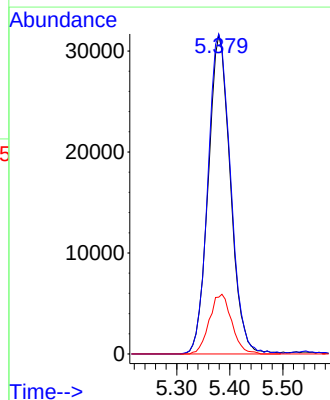
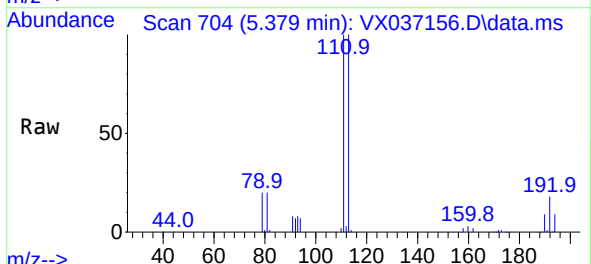
Instrument :
MSVOA_X
ClientSampleId :
TB-20230818

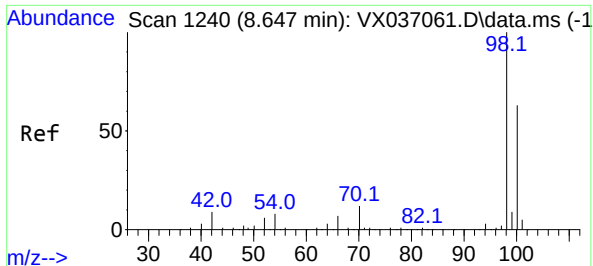
Tgt Ion:114 Resp: 292349
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.195 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion:113 Resp: 91377
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 13.3 19.9

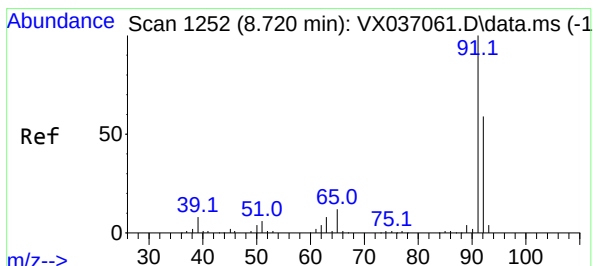
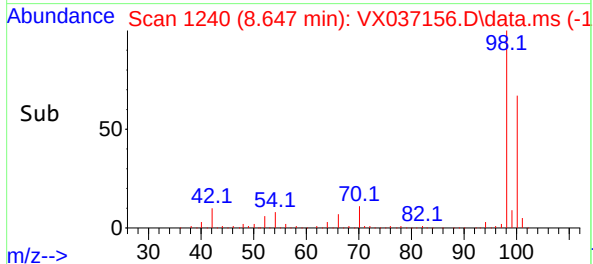
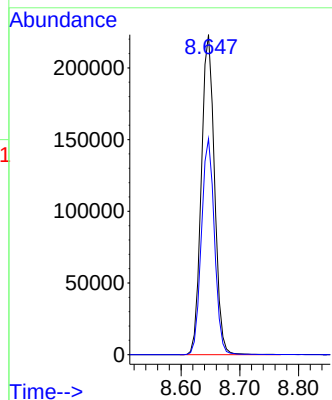
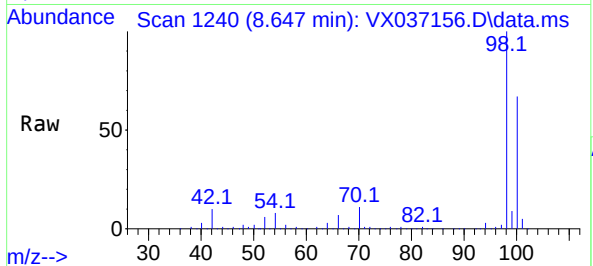




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

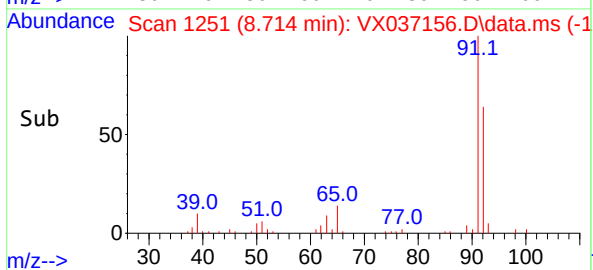
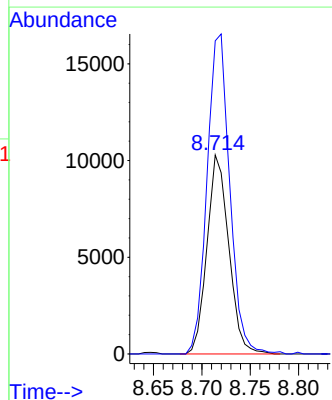
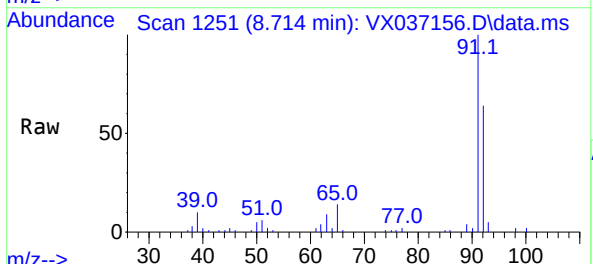
Instrument :
MSVOA_X
ClientSampleId :
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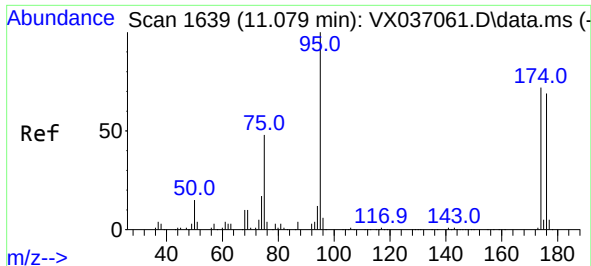
Tgt Ion: 98 Resp: 348348
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#52
Toluene
Concen: 3.101 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 92 Resp: 16165
Ion Ratio Lower Upper
92 100
91 167.2 134.2 201.2

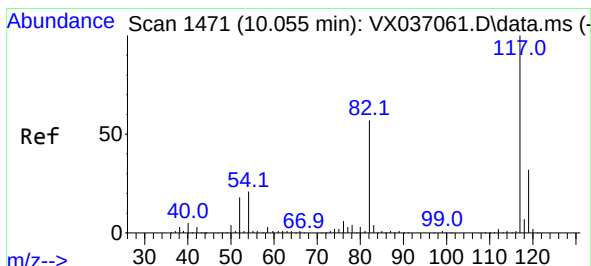
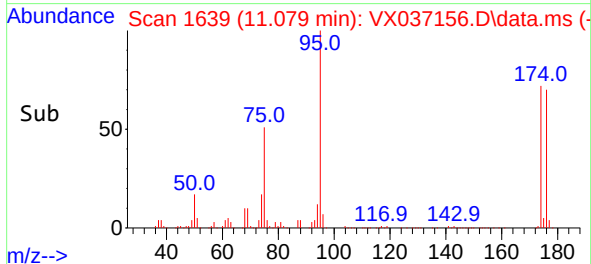
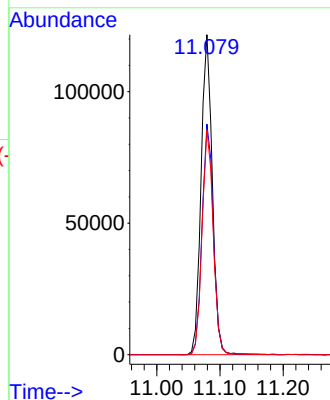
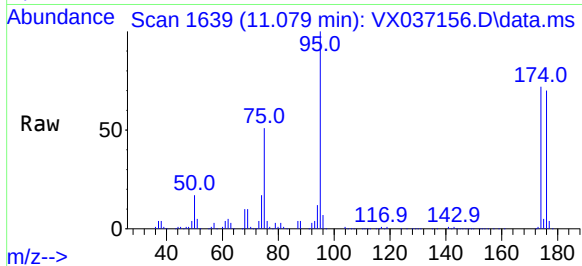




#62
4-Bromofluorobenzene
Concen: 54.478 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

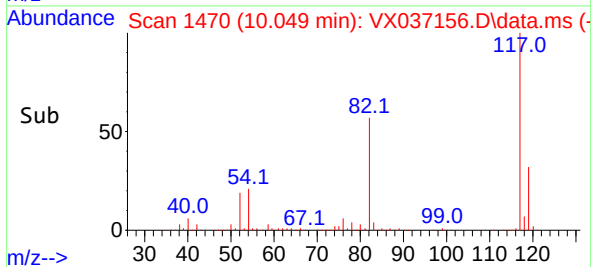
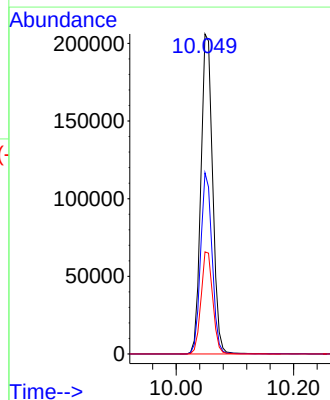
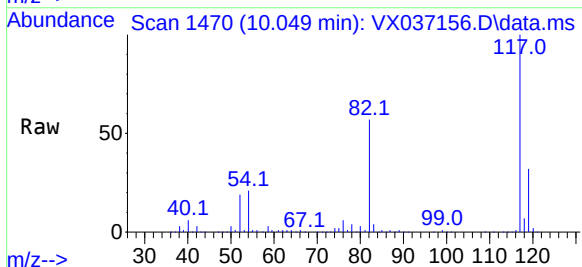
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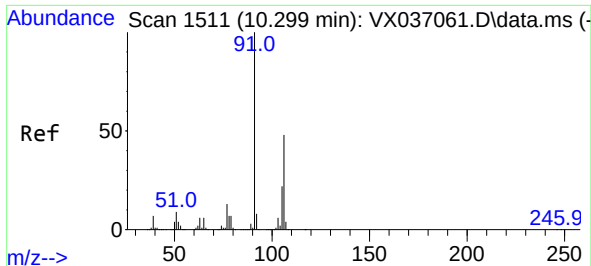
Tgt Ion: 95 Resp: 150360
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 117 Resp: 286401
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 31.9 25.5 38.3

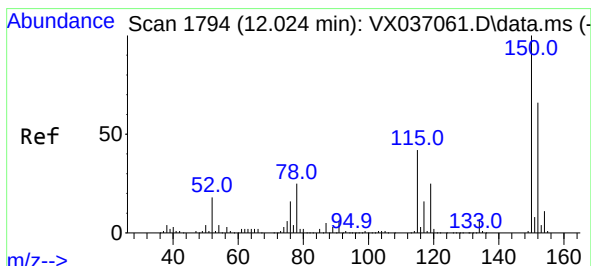
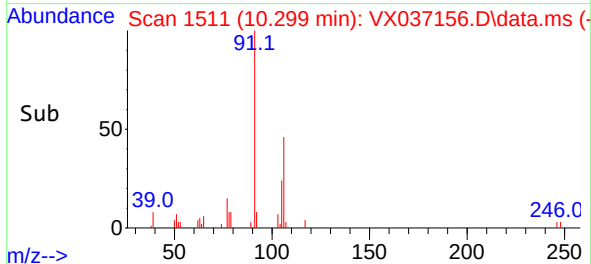
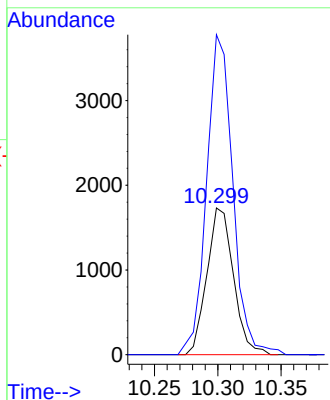
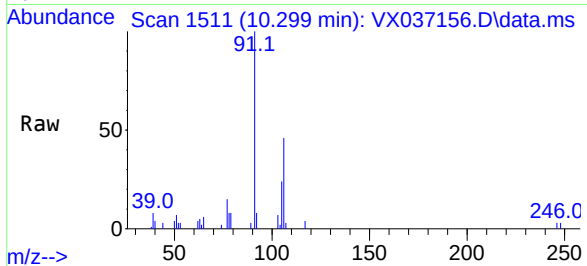




#68
m/p-Xylenes
Concen: 0.615 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Instrument :
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Tgt Ion:106 Resp: 2531
Ion Ratio Lower Upper
106 100
91 214.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion:152 Resp: 151850
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 157.9 0.0 345.0

