

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032037.D
 Acq On : 11 Oct 2022 15:22
 Operator : JC/MD
 Sample : N4937-14 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-121

Quant Time: Oct 12 05:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

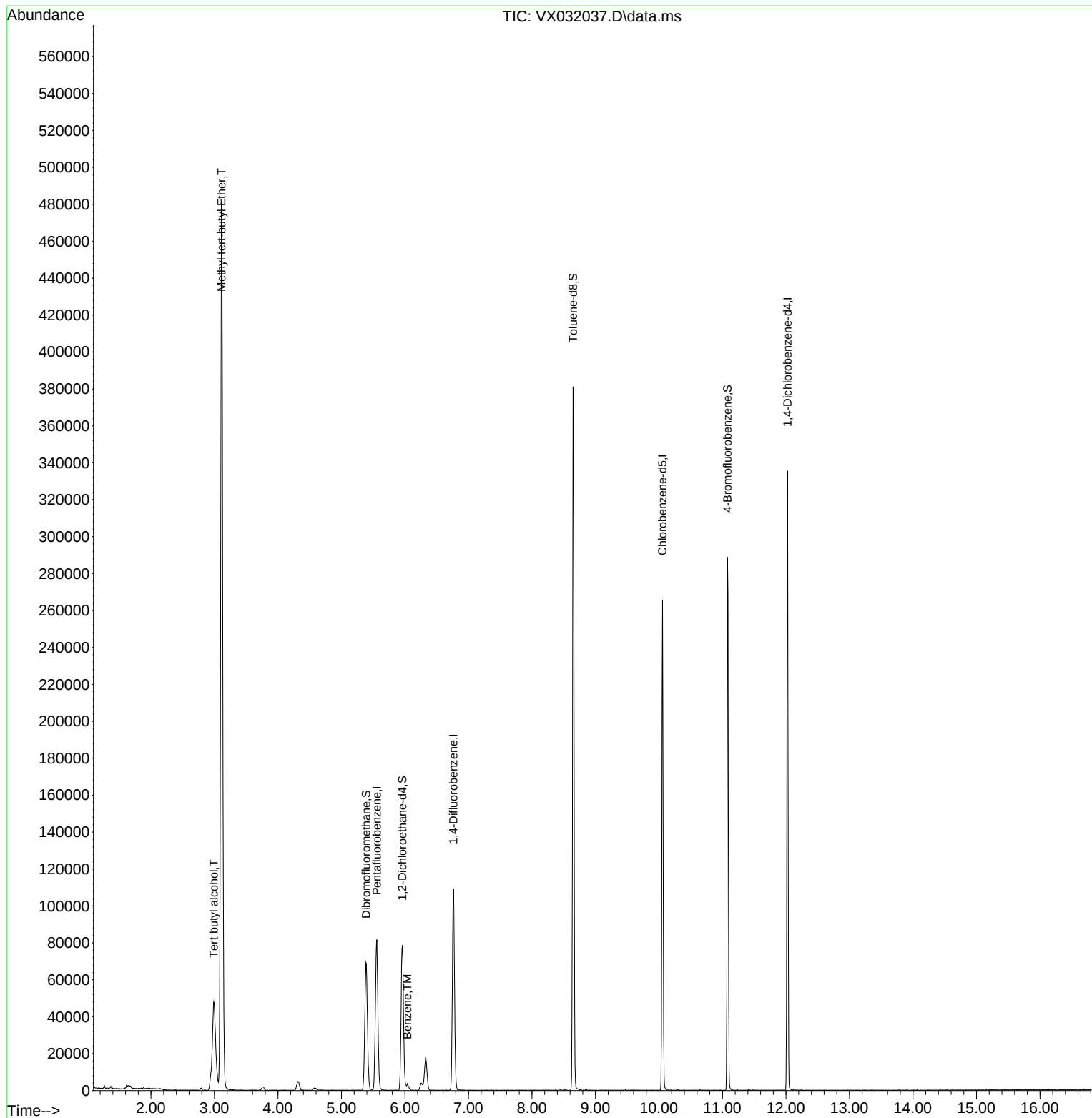
Internal Standards						
1) Pentafluorobenzene	5.556	168	74260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75333	49.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	5.385	113	58821	47.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	222595	49.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	71341	45.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	79935	418.927	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	517907	136.444	ug/l	99
40) Benzene	6.038	78	3650	0.758	ug/l #	80

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

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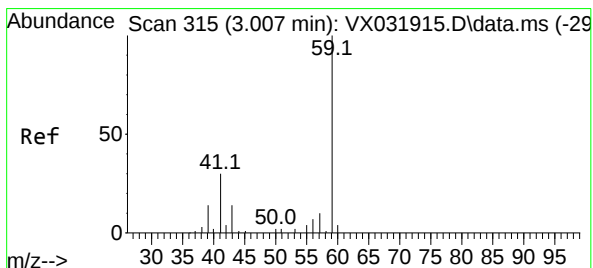
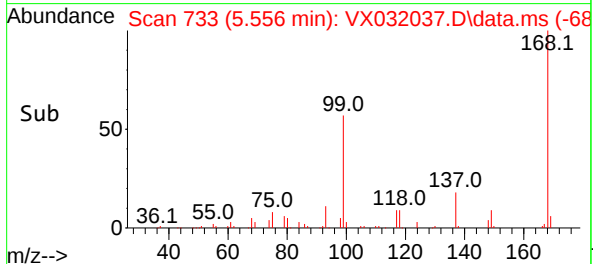
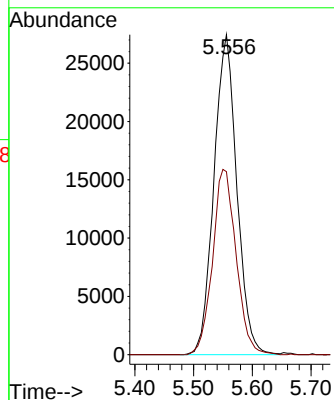
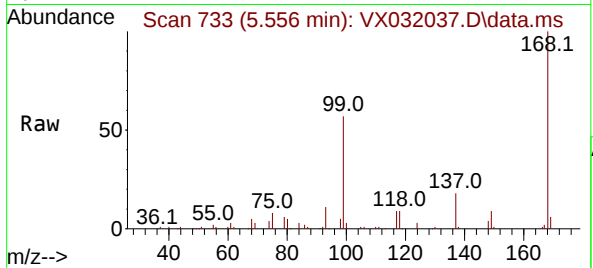




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

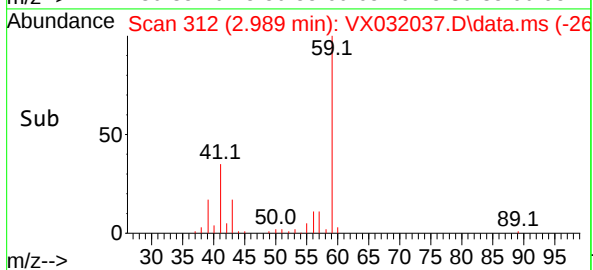
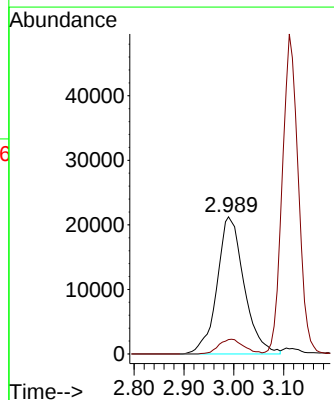
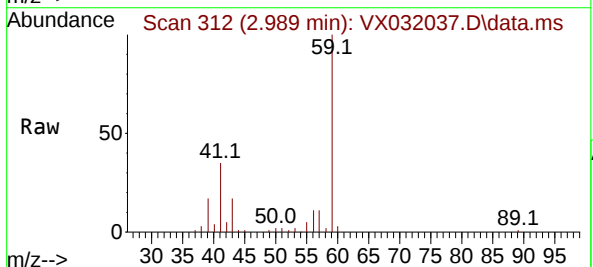
Instrument :
MSVOA_X
ClientSampleId :
MW-121

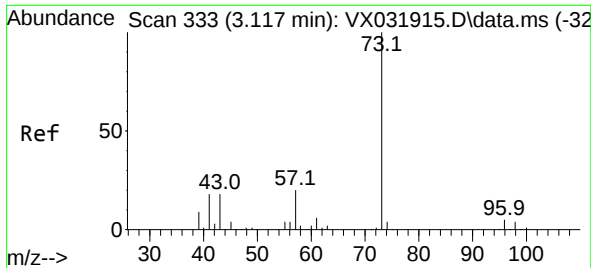
Tgt Ion:168 Resp: 74260
Ion Ratio Lower Upper
168 100
99 57.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 418.927 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 59 Resp: 79935
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

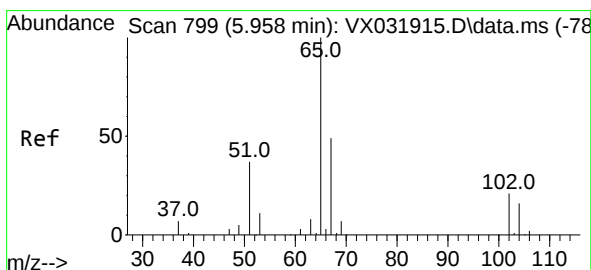
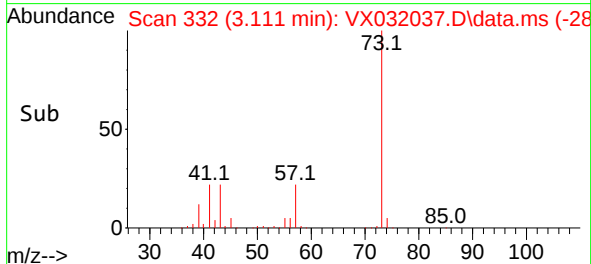
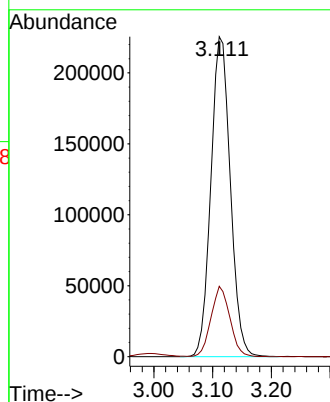
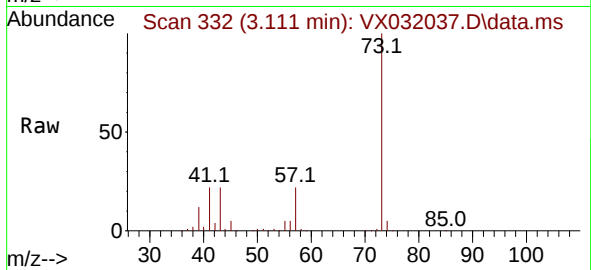




#19
Methyl tert-butyl Ether
Concen: 136.444 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

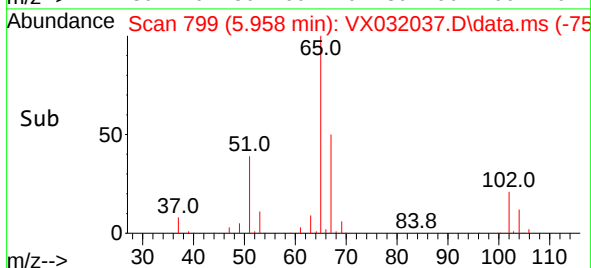
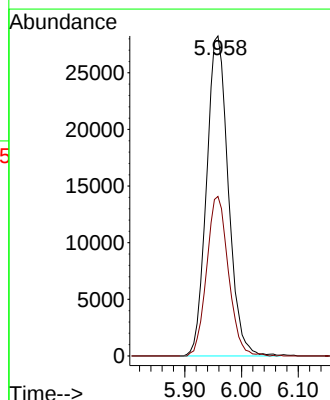
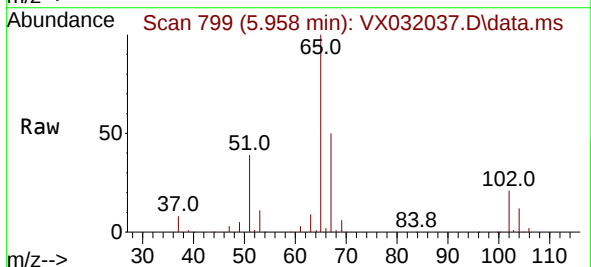
Instrument :
MSVOA_X
ClientSampleId :
MW-121

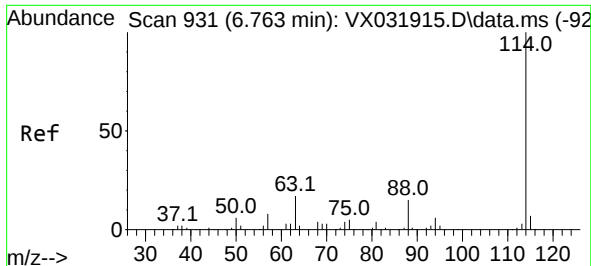
Tgt Ion: 73 Resp: 517907
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: 49.121 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 65 Resp: 75333
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.4

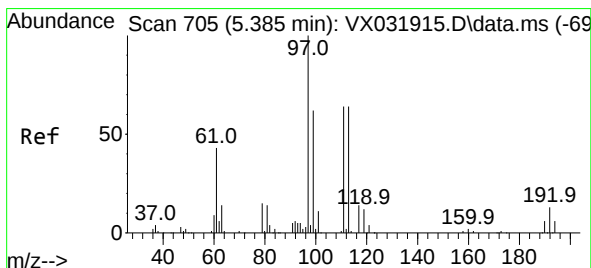
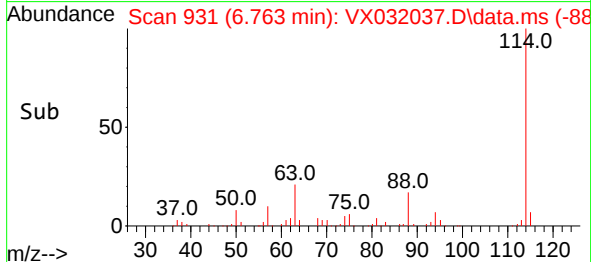
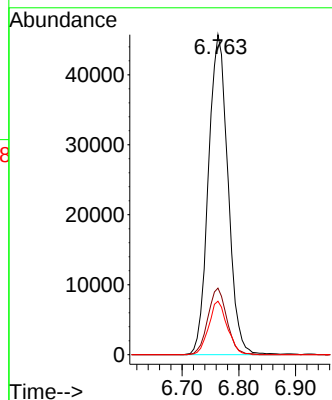
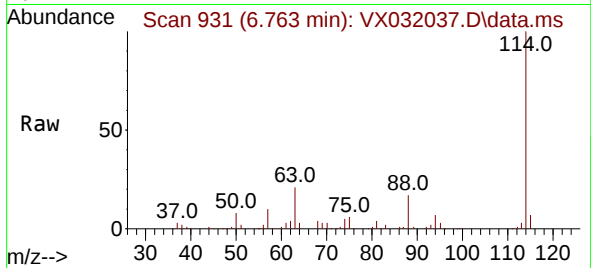




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

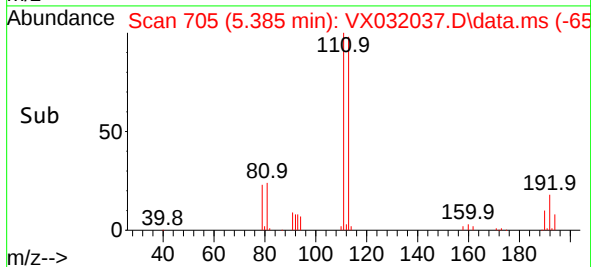
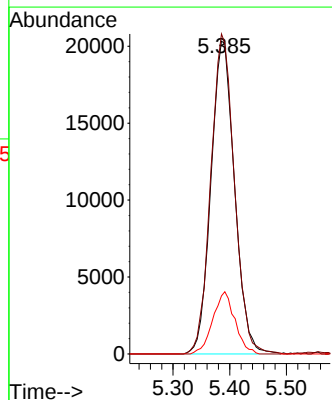
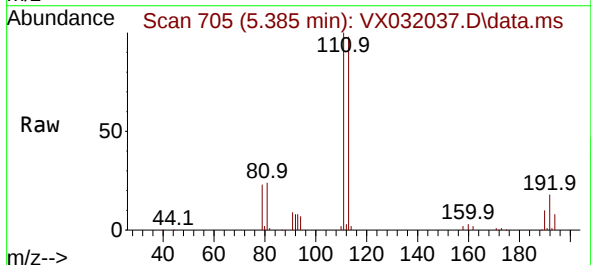
Instrument :
MSVOA_X
ClientSampleId :
MW-121

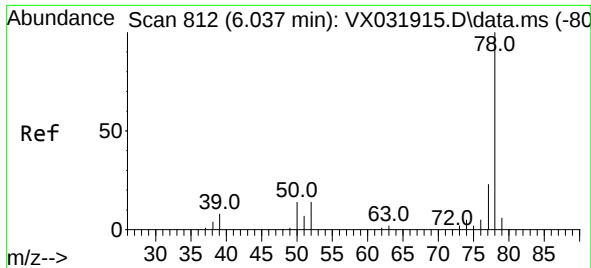
Tgt Ion:114 Resp: 109486
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.462 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion:113 Resp: 58821
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.6 14.1 21.1

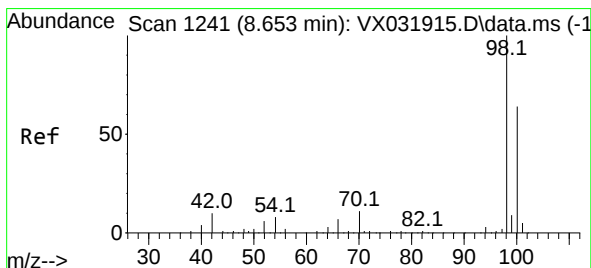
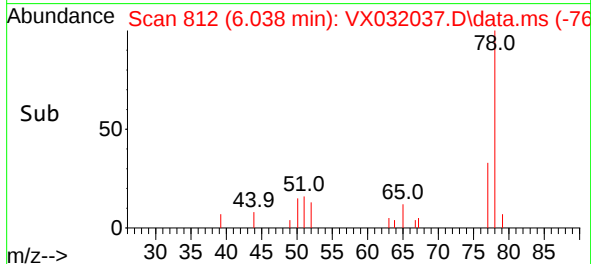
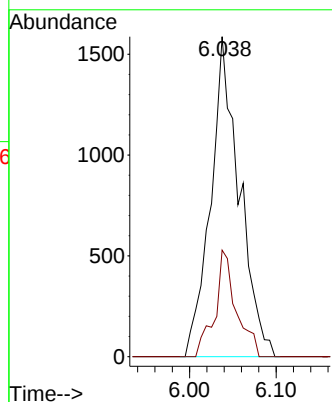
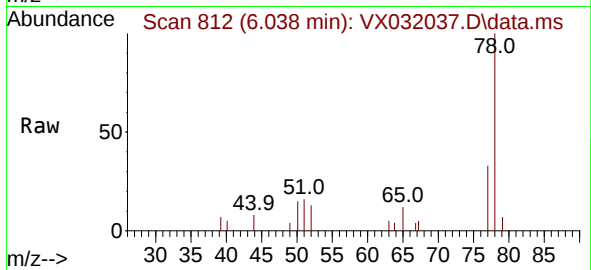




#40
Benzene
Concen: 0.758 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

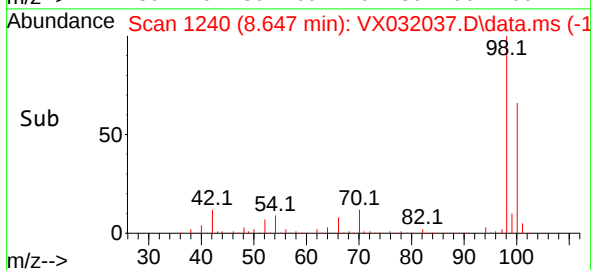
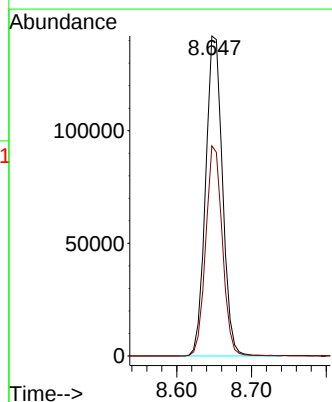
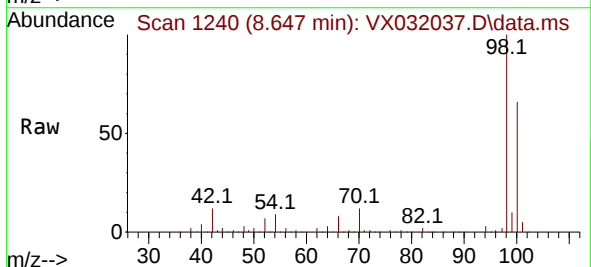
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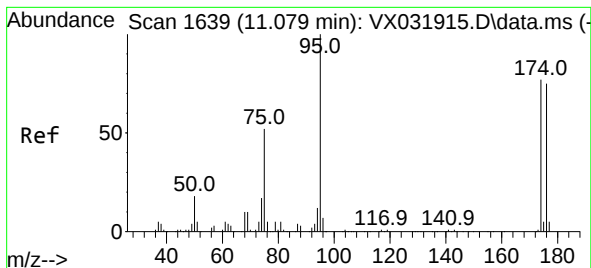
Tgt Ion: 78 Resp: 3650
Ion Ratio Lower Upper
78 100
77 33.3 18.7 28.1#



#50
Toluene-d8
Concen: 49.915 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

Tgt Ion: 98 Resp: 222595
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

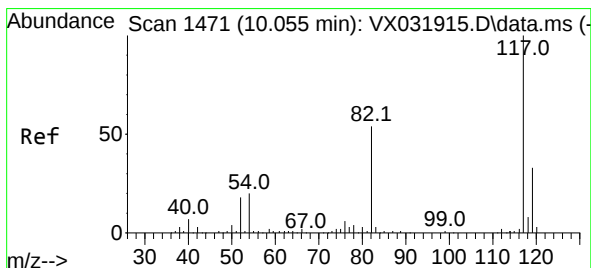
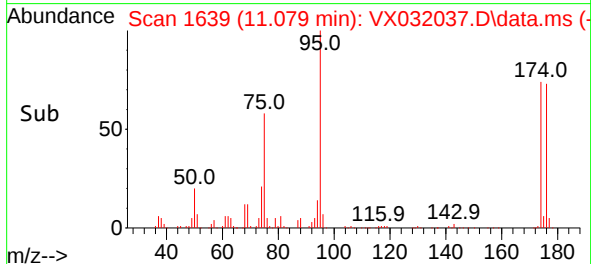
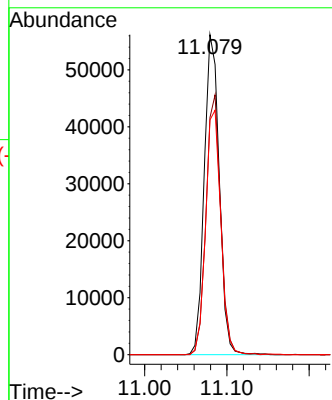
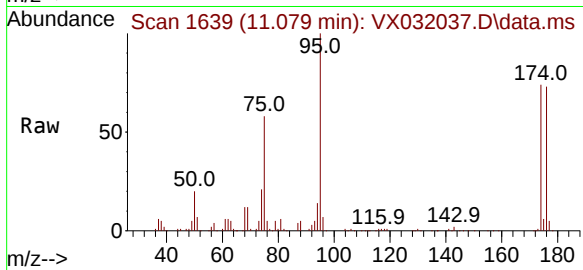




#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

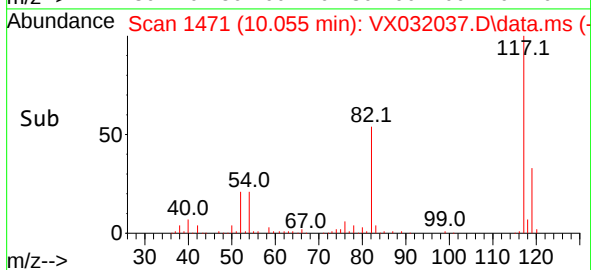
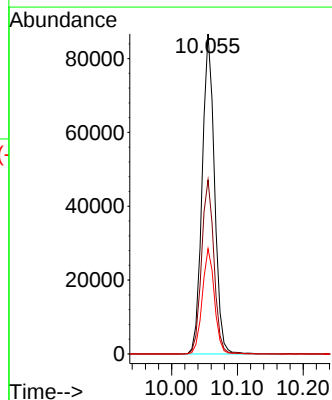
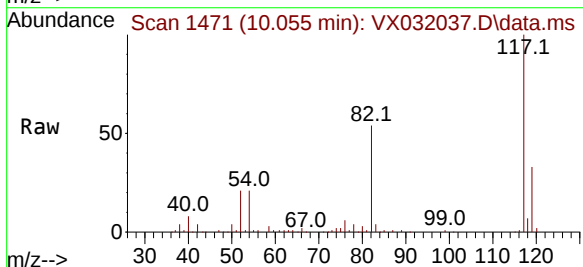
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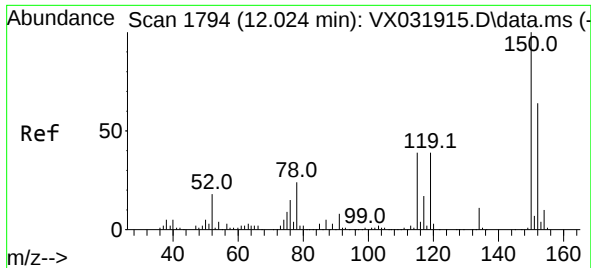
Tgt Ion: 95 Resp: 71341
Ion Ratio Lower Upper
95 100
174 79.7 0.0 153.2
176 77.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032037.D
Acq: 11 Oct 2022 15:22

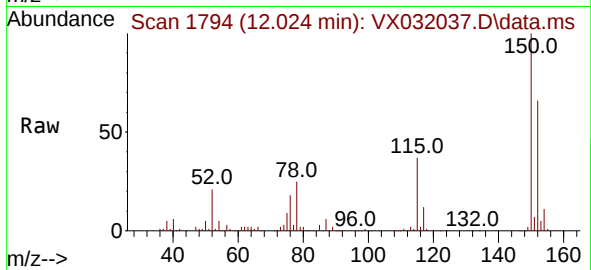
Tgt Ion: 117 Resp: 112980
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 32.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032037.D
 Acq: 11 Oct 2022 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-121



Tgt Ion:152 Resp: 65258
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.4 130.1
 150 158.1 0.0 346.8

