

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032039.D
 Acq On : 11 Oct 2022 16:09
 Operator : JC/MD
 Sample : N4937-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114

Quant Time: Oct 12 05:13:54 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)

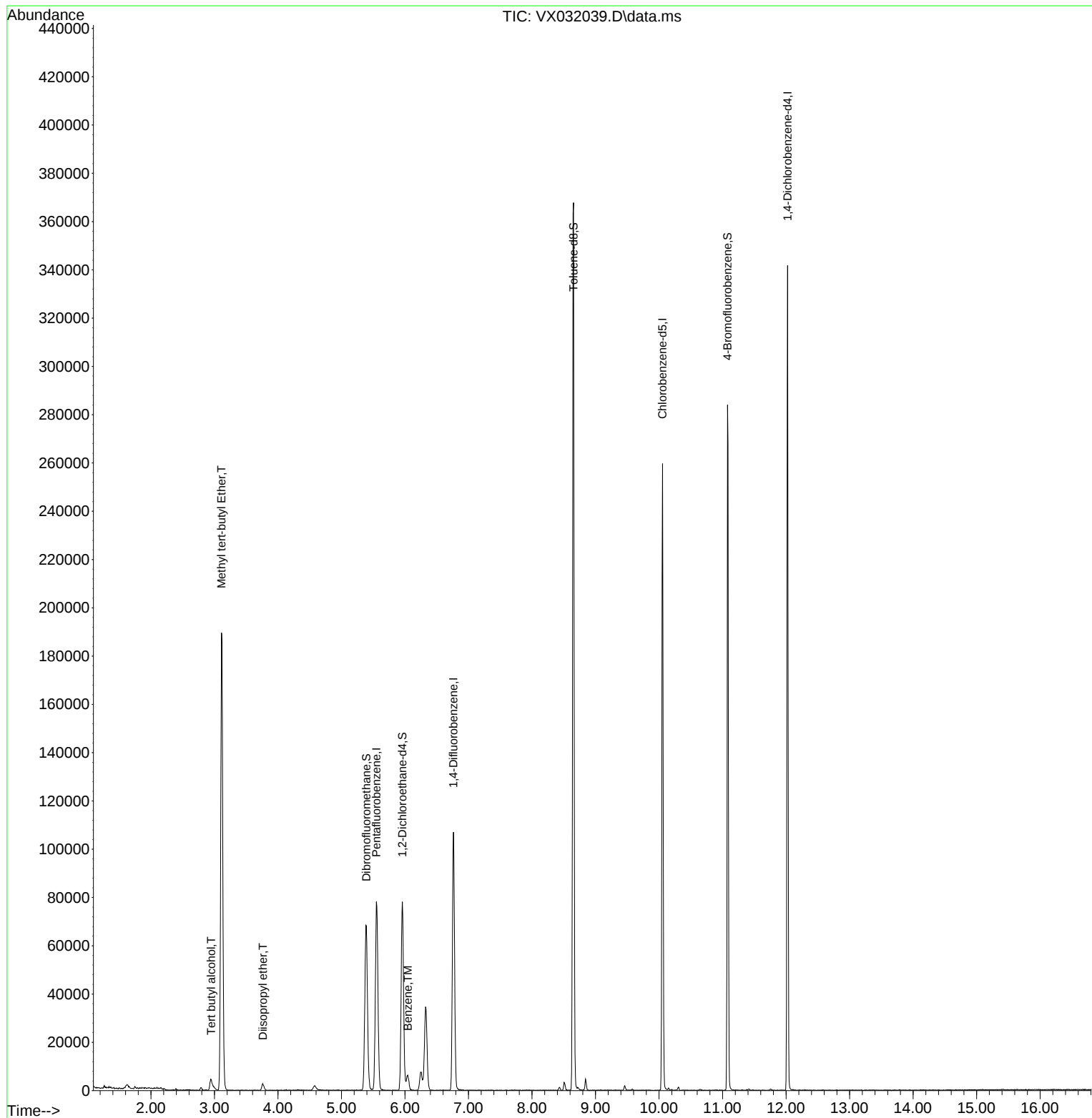
Internal Standards						
1) Pentafluorobenzene	5.550	168	72152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73337	49.216	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	5.391	113	58588	47.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.653	98	218461	49.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	71022	45.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	4861	26.220	ug/l #	73
19) Methyl tert-butyl Ether	3.111	73	204101	55.342	ug/l	100
22) Diisopropyl ether	3.763	45	2765	0.787	ug/l #	71
40) Benzene	6.043	78	7212	1.502	ug/l	99

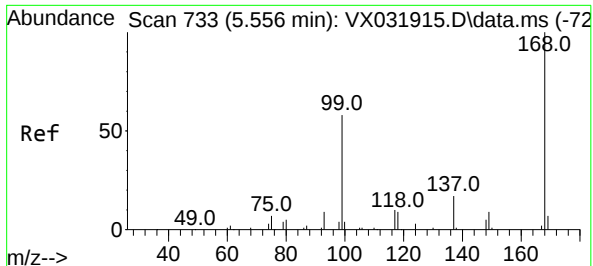
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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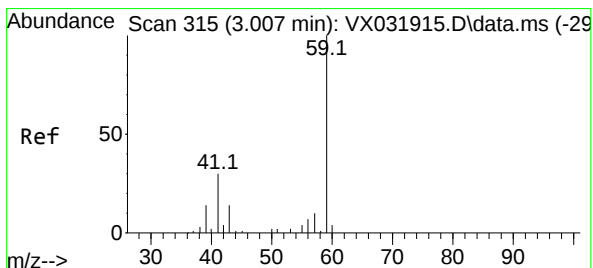
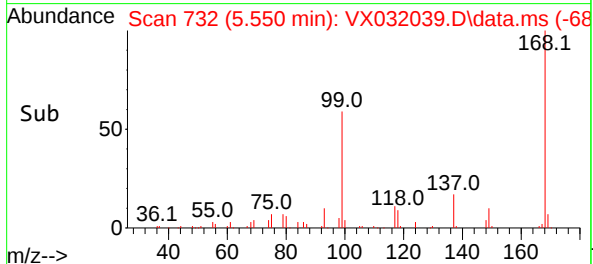
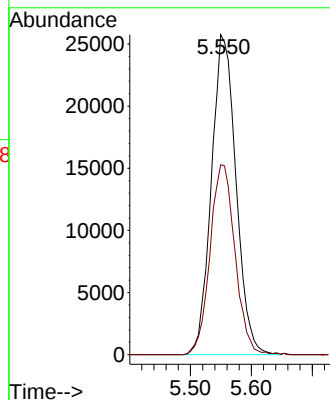
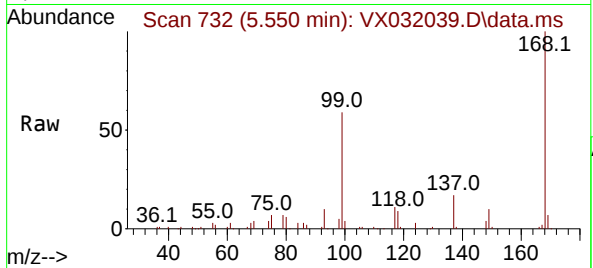




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

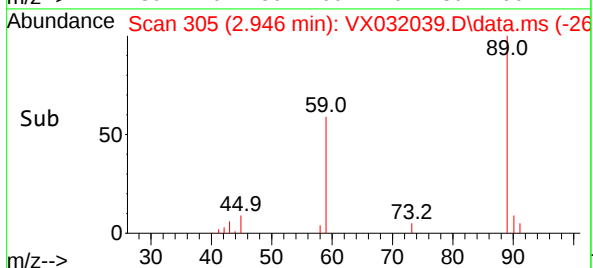
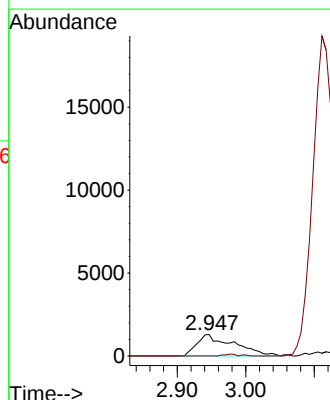
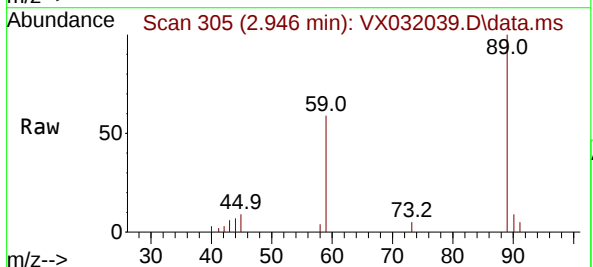
Instrument :
MSVOA_X
ClientSampleId :
MW-114

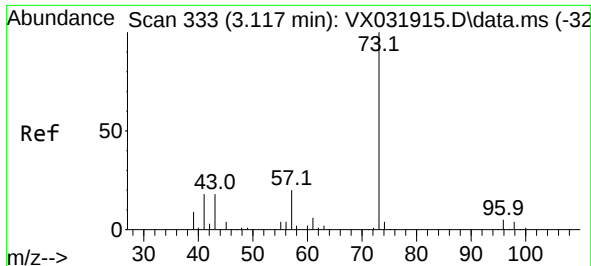
Tgt Ion:168 Resp: 72152
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#11
Tert butyl alcohol
Concen: 26.220 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

Tgt Ion: 59 Resp: 4861
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

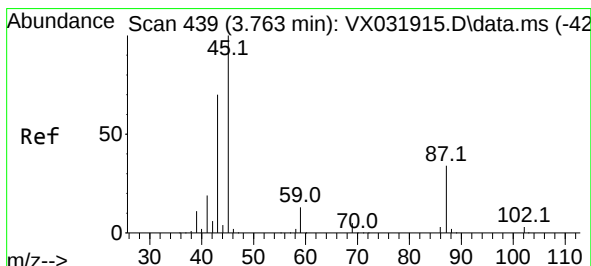
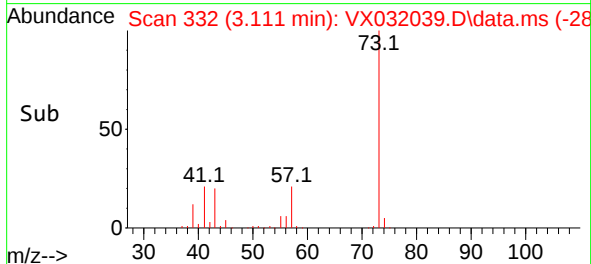
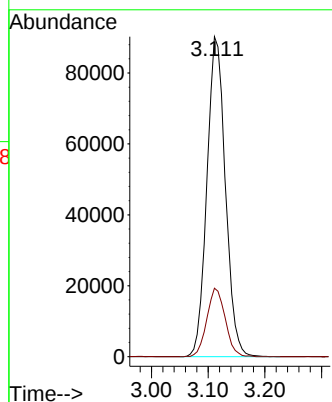
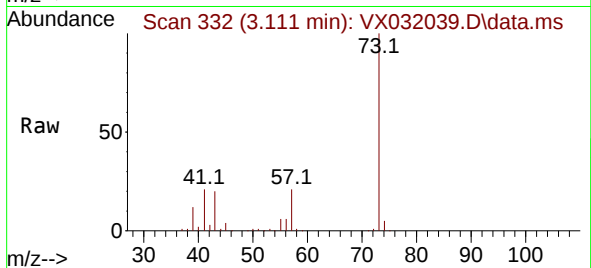




#19
Methyl tert-butyl Ether
Concen: 55.342 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

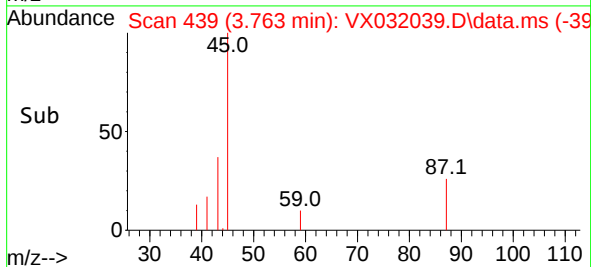
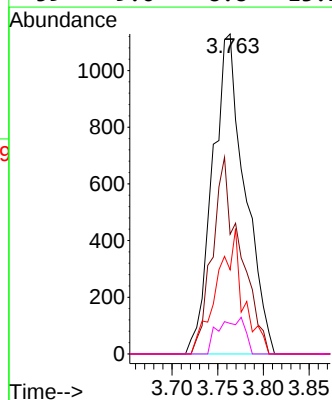
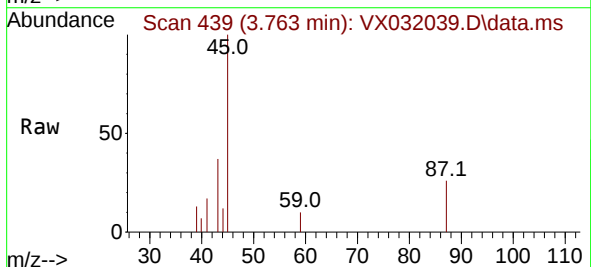
Instrument :
MSVOA_X
ClientSampleId :
MW-114

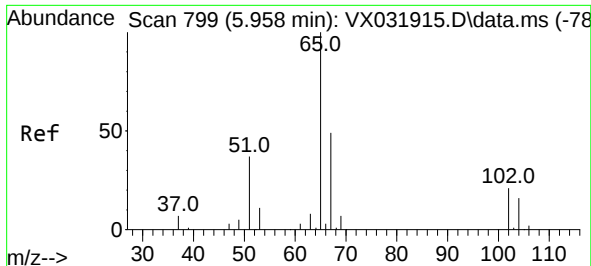
Tgt Ion: 73 Resp: 204101
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8



#22
Diisopropyl ether
Concen: 0.787 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

Tgt Ion: 45 Resp: 2765
Ion Ratio Lower Upper
45 100
43 37.4 59.0 88.6#
87 26.3 22.6 33.8
59 9.6 8.8 13.2





#33

1,2-Dichloroethane-d4

Concen: 49.216 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032039.D

Acq: 11 Oct 2022 16:09

Instrument :

MSVOA_X

ClientSampleId :

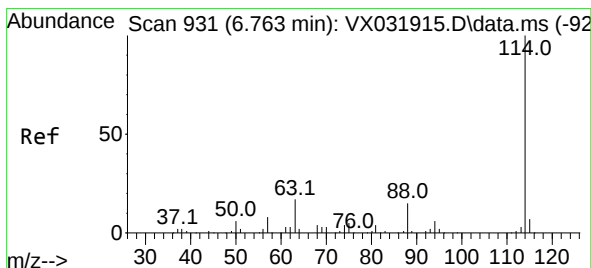
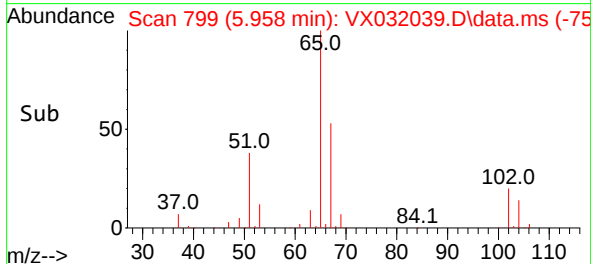
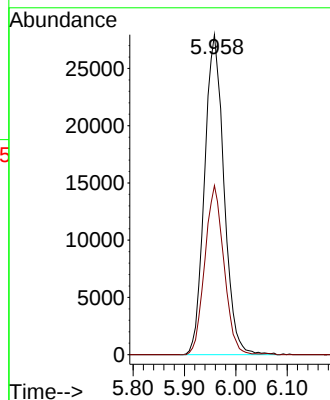
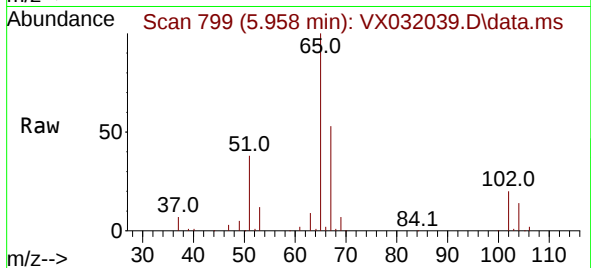
MW-114

Tgt Ion: 65 Resp: 73337

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032039.D

Acq: 11 Oct 2022 16:09

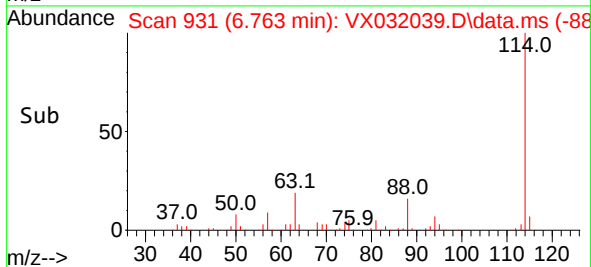
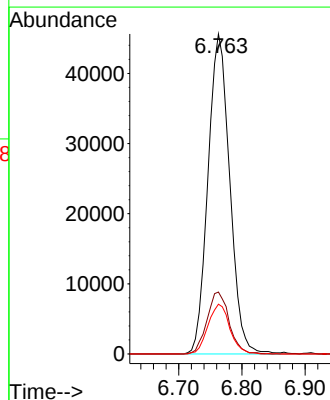
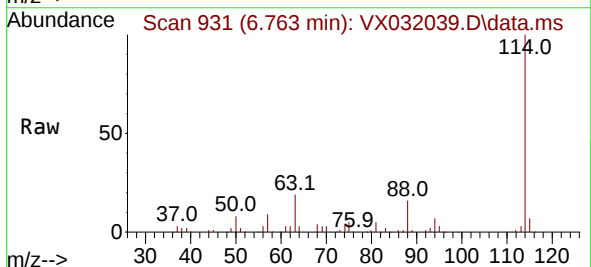
Tgt Ion: 114 Resp: 109233

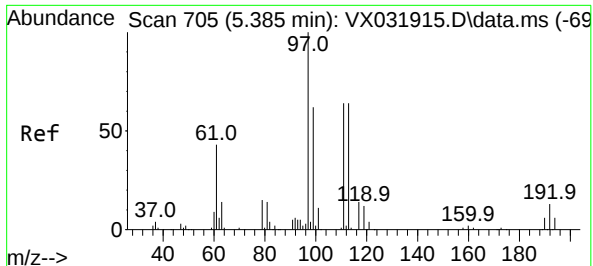
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.384 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032039.D

Acq: 11 Oct 2022 16:09

Instrument :

MSVOA_X

ClientSampleId :

MW-114

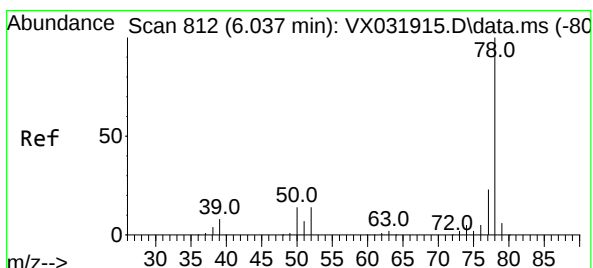
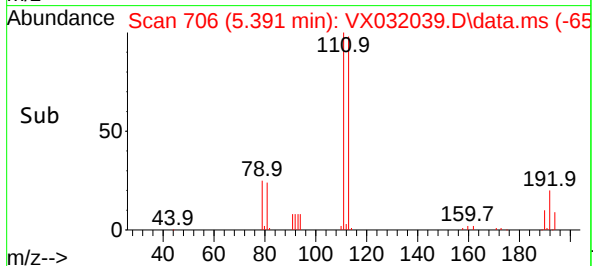
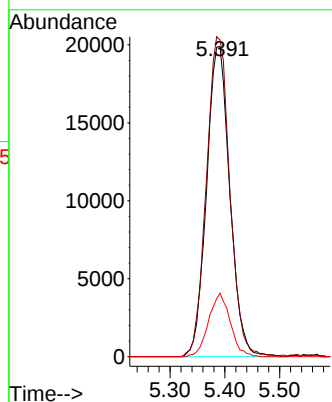
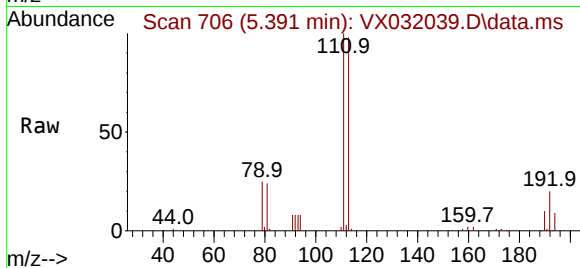
Tgt Ion:113 Resp: 58588

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

192 19.0 14.1 21.1



#40

Benzene

Concen: 1.502 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032039.D

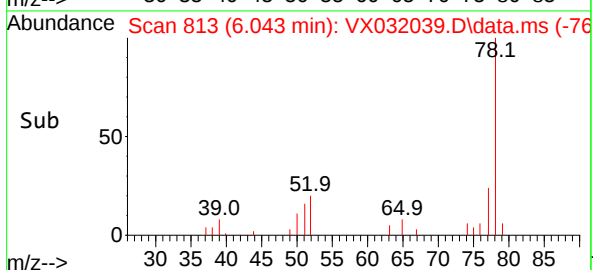
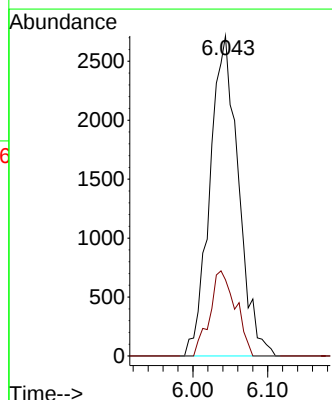
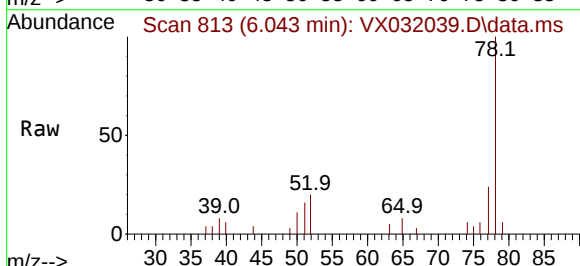
Acq: 11 Oct 2022 16:09

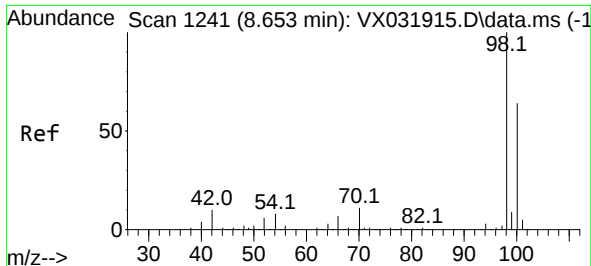
Tgt Ion: 78 Resp: 7212

Ion Ratio Lower Upper

78 100

77 23.8 18.7 28.1

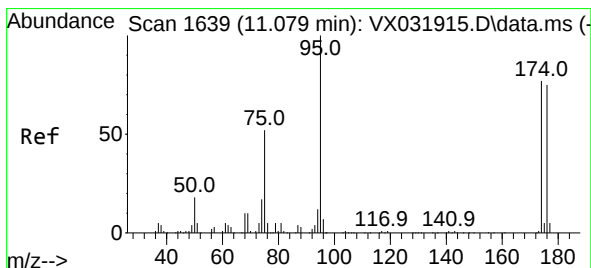
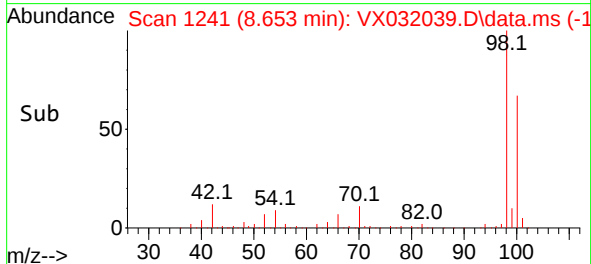
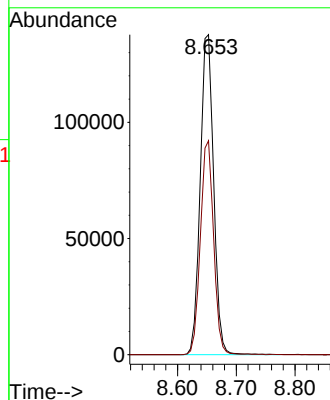
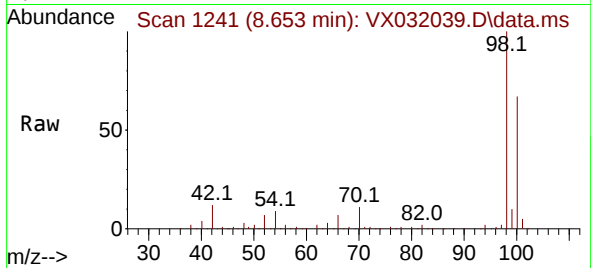




#50
Toluene-d8
Concen: 49.101 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

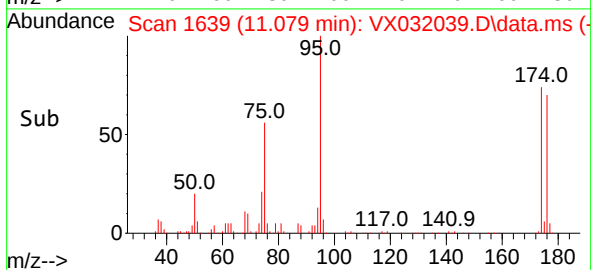
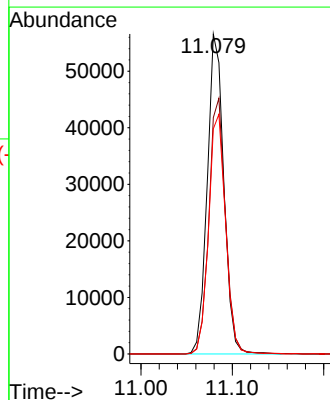
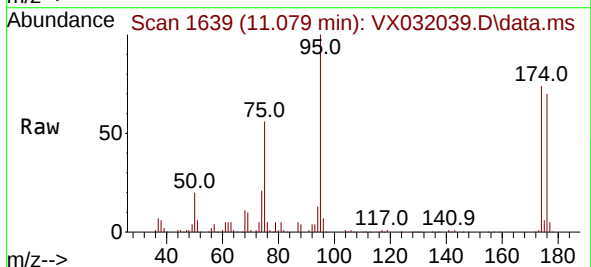
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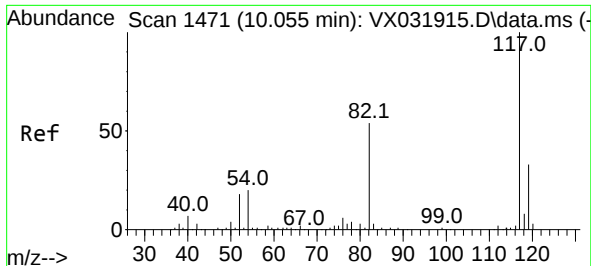
Tgt Ion: 98 Resp: 218461
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

Tgt Ion: 95 Resp: 71022
Ion Ratio Lower Upper
95 100
174 80.3 0.0 153.2
176 76.8 0.0 144.0

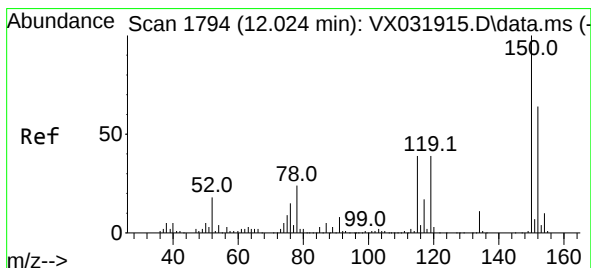
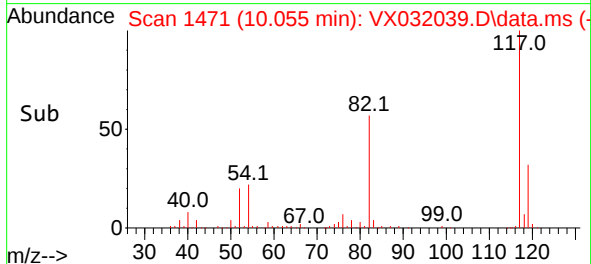
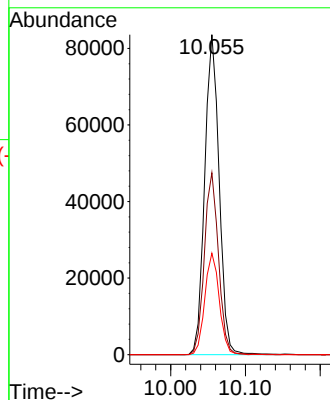
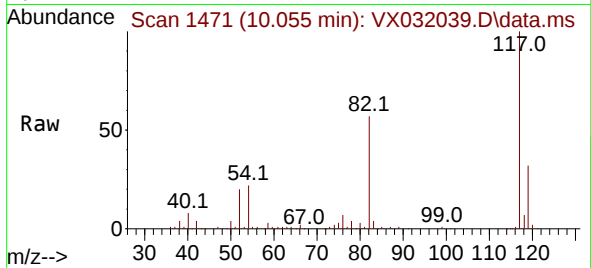




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 112174
Ion Ratio Lower Upper
117 100
82 56.9 46.8 70.2
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032039.D
Acq: 11 Oct 2022 16:09

Tgt Ion:152 Resp: 66312
Ion Ratio Lower Upper
152 100
115 60.3 43.4 130.1
150 156.5 0.0 346.8

