

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031181.D
 Acq On : 07 Sep 2022 23:53
 Operator : JC/MD
 Sample : N4355-02DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40DL

Quant Time: Sep 08 00:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

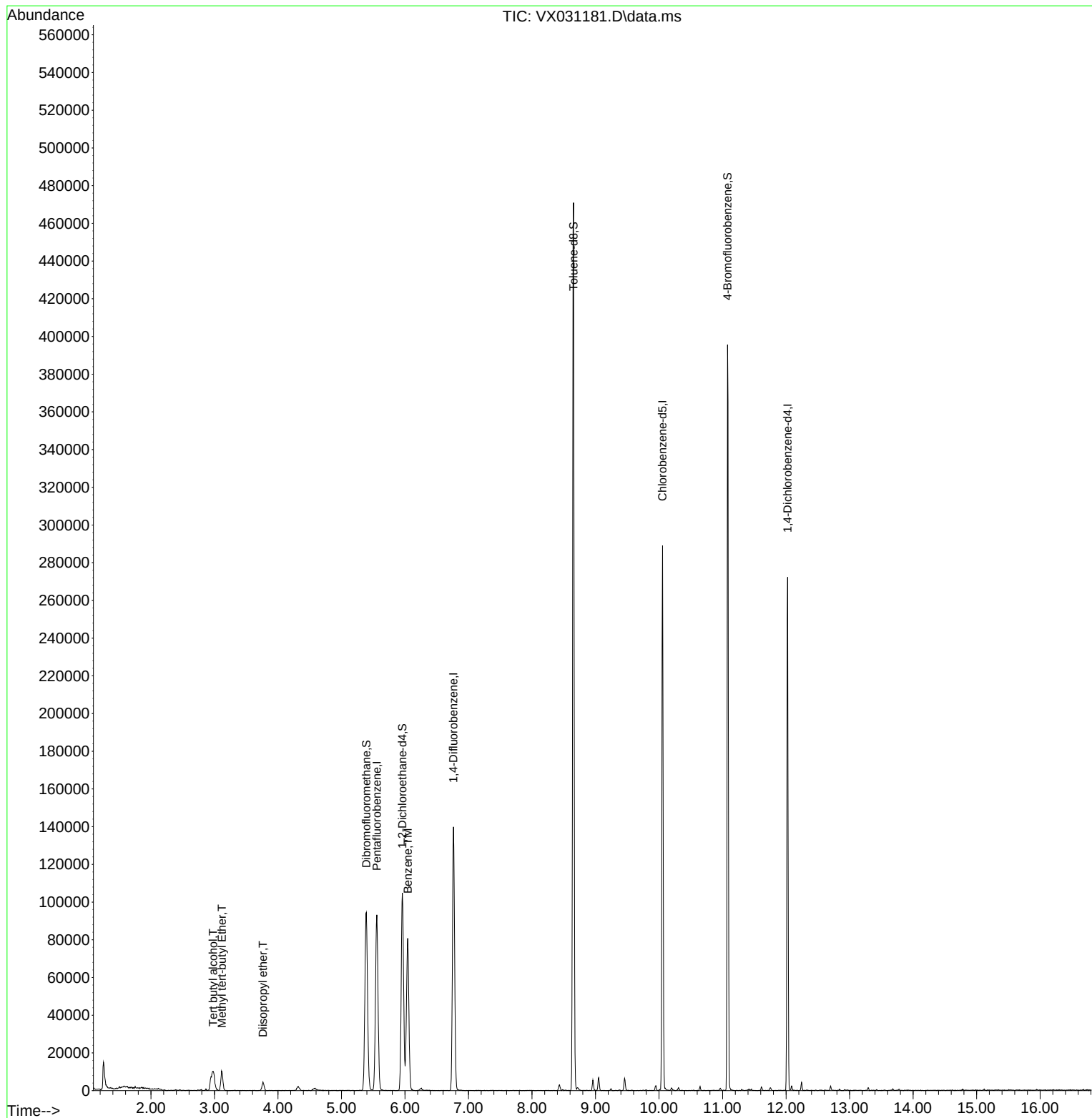
Internal Standards						
1) Pentafluorobenzene	5.556	168	80292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109839	57.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.560%
35) Dibromofluoromethane	5.391	113	84884	55.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.060%
50) Toluene-d8	8.653	98	284355	51.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	11.079	95	110200	54.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.280%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	20208	36.676	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	11404	2.368	ug/l	95
22) Diisopropyl ether	3.763	45	4105	1.073	ug/l #	63
40) Benzene	6.043	78	99102	15.935	ug/l	98

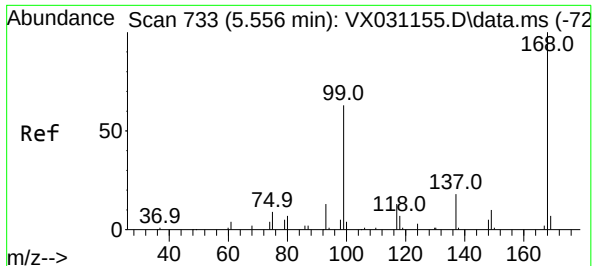
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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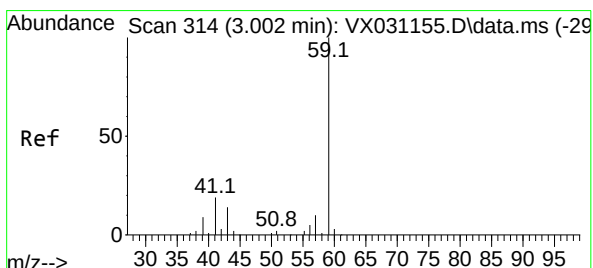
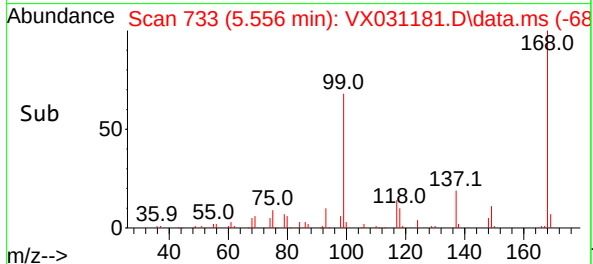
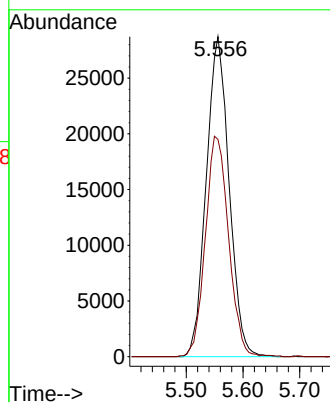
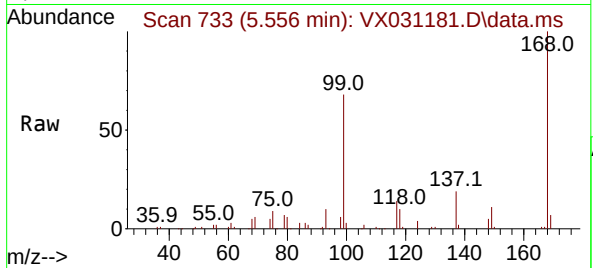




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

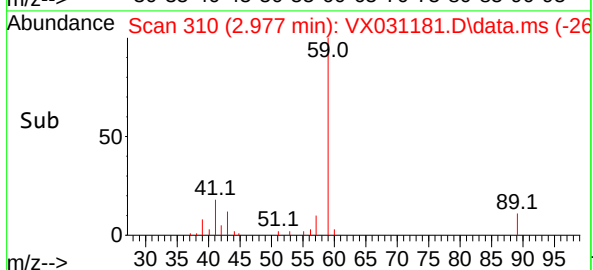
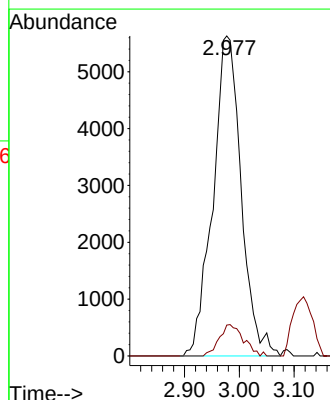
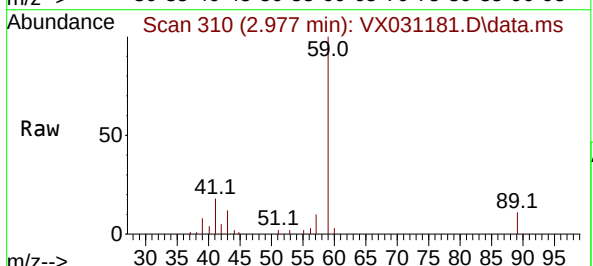
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

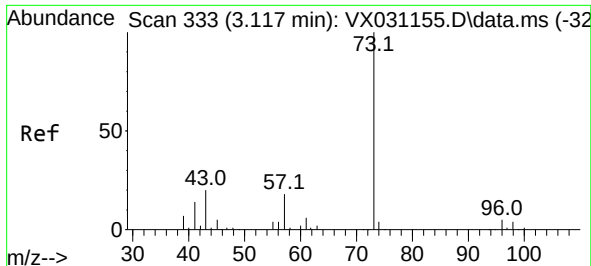
Tgt Ion:168 Resp: 80292
Ion Ratio Lower Upper
168 100
99 67.6 44.0 66.0#



#11
Tert butyl alcohol
Concen: 36.676 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.025 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 59 Resp: 20208
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.2

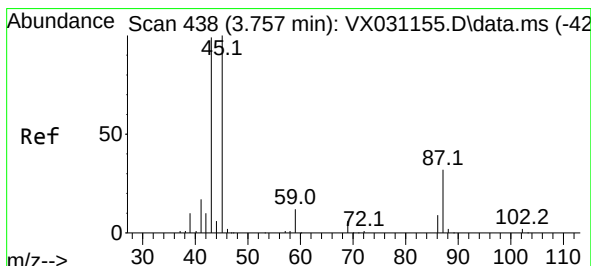
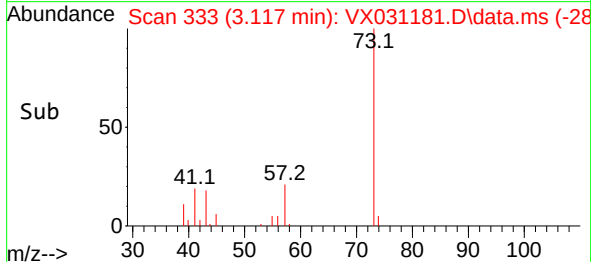
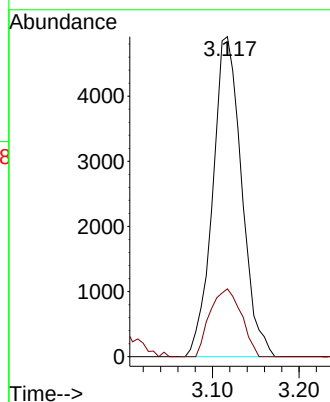
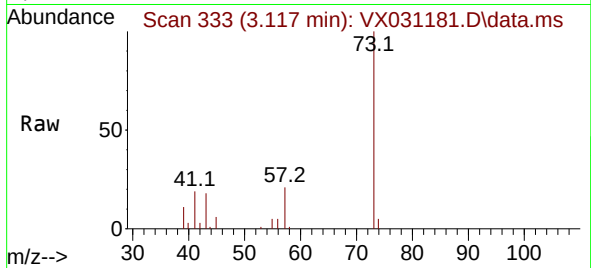




#19
Methyl tert-butyl Ether
Concen: 2.368 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

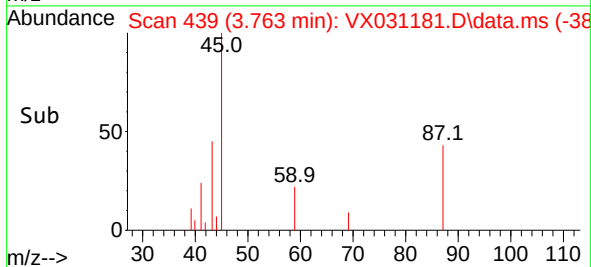
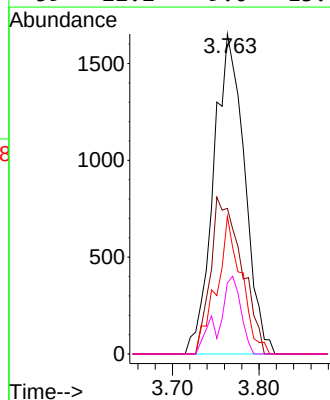
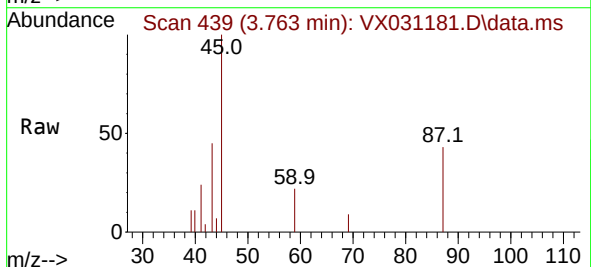
Instrument :
MSVOA_X
ClientSampleId :
MW-40DL

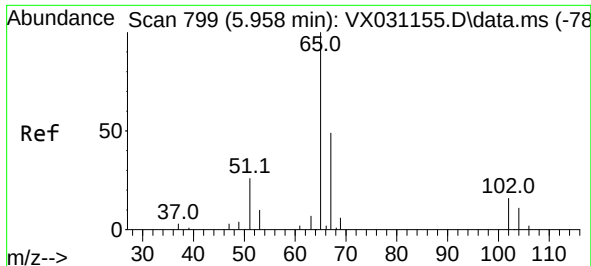
Tgt Ion: 73 Resp: 11404
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.6



#22
Diisopropyl ether
Concen: 1.073 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 45 Resp: 4105
Ion Ratio Lower Upper
45 100
43 45.5 65.4 98.0#
87 43.0 22.3 33.5#
59 22.2 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 57.781 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

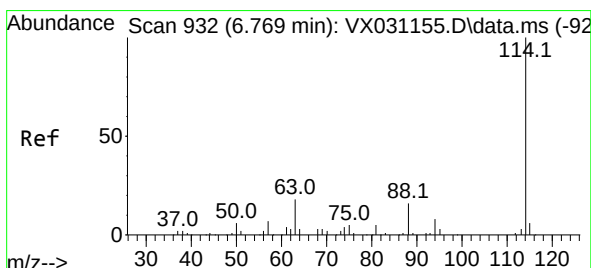
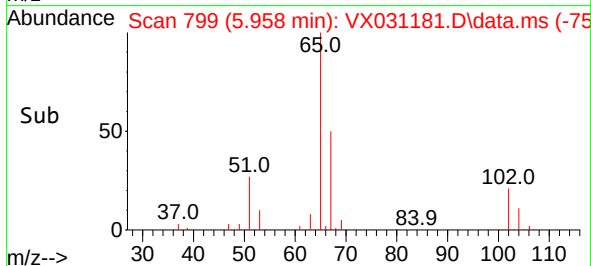
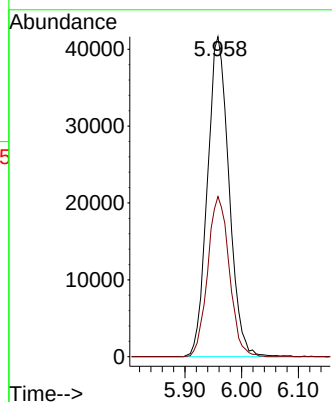
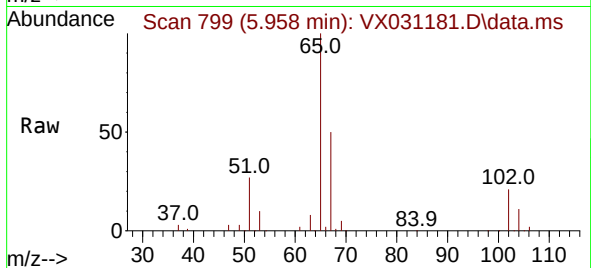
MW-40DL

Tgt Ion: 65 Resp: 109839

Ion Ratio Lower Upper

65 100

67 50.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

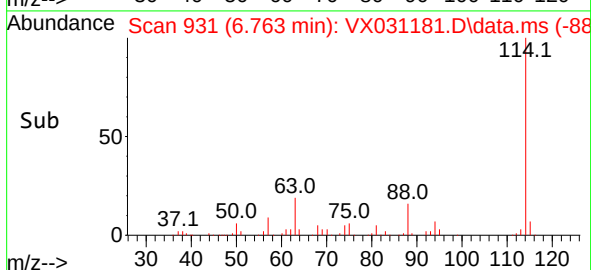
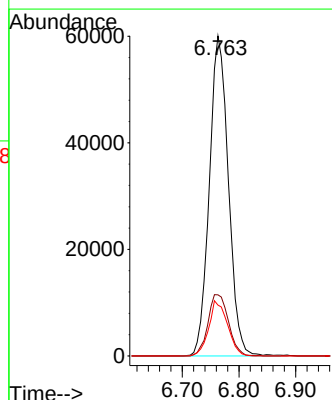
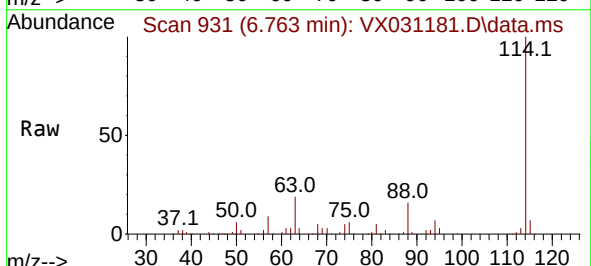
Tgt Ion: 114 Resp: 140287

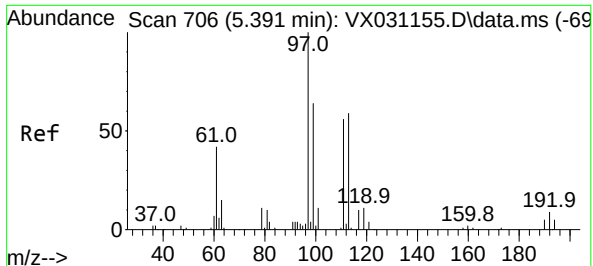
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.525 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031181.D

Acq: 07 Sep 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

MW-40DL

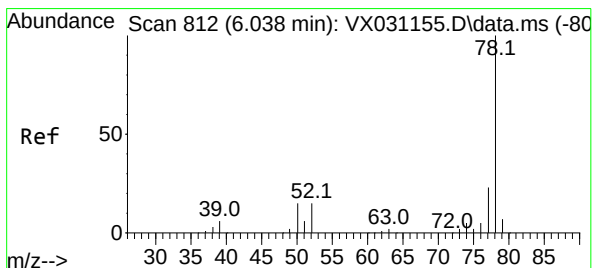
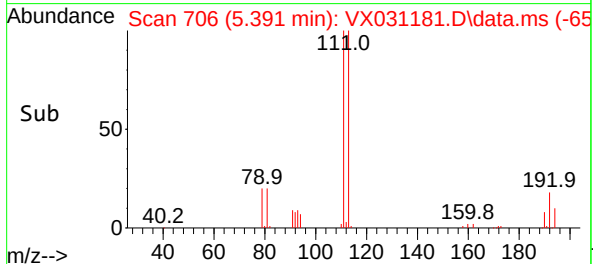
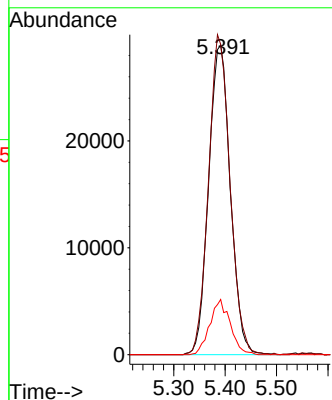
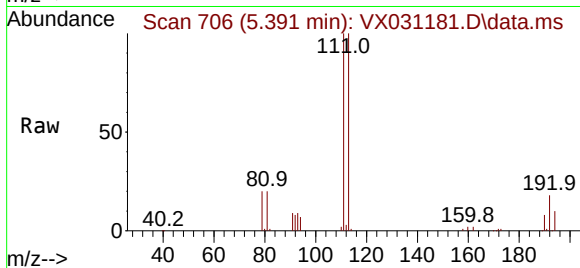
Tgt Ion:113 Resp: 84884

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

192 16.8 14.8 22.2



#40

Benzene

Concen: 15.935 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX031181.D

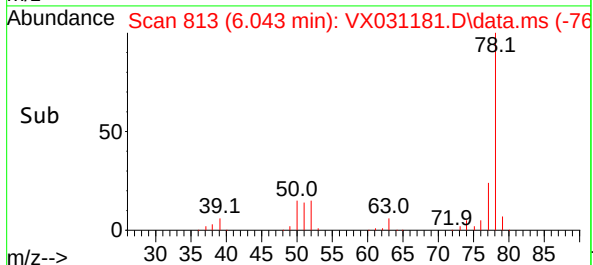
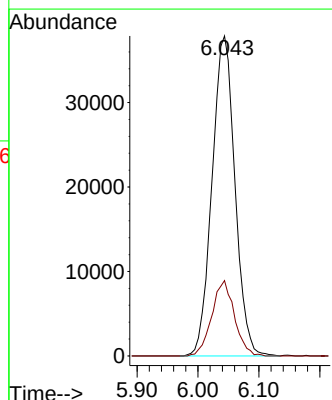
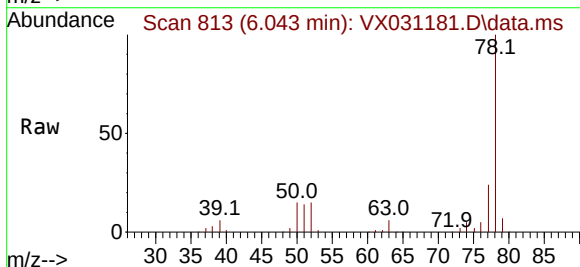
Acq: 07 Sep 2022 23:53

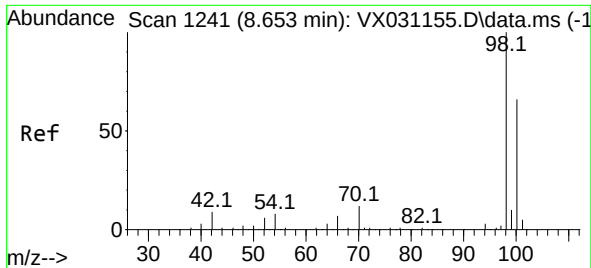
Tgt Ion: 78 Resp: 99102

Ion Ratio Lower Upper

78 100

77 23.5 18.0 27.0

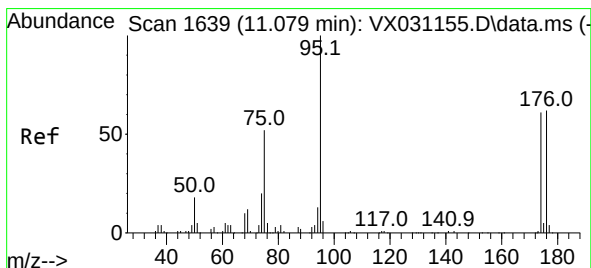
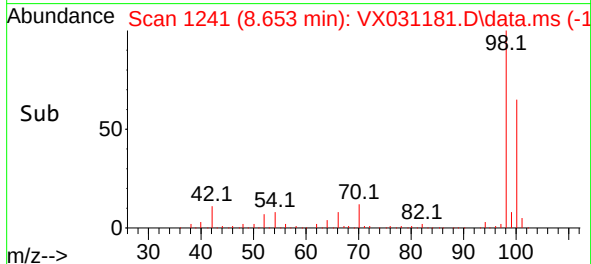
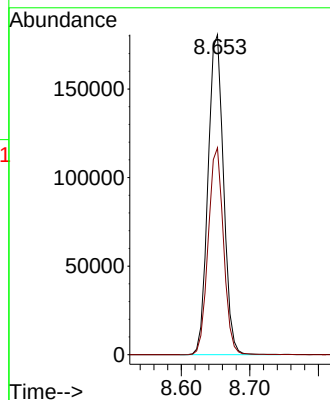
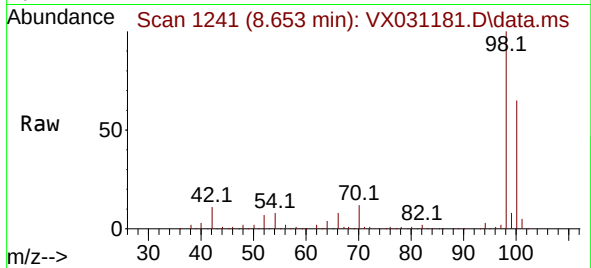




#50
Toluene-d8
Concen: 51.196 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

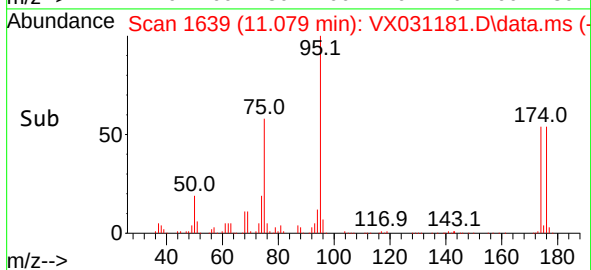
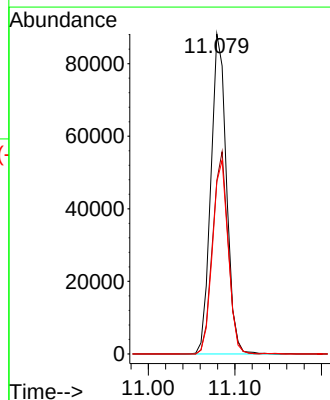
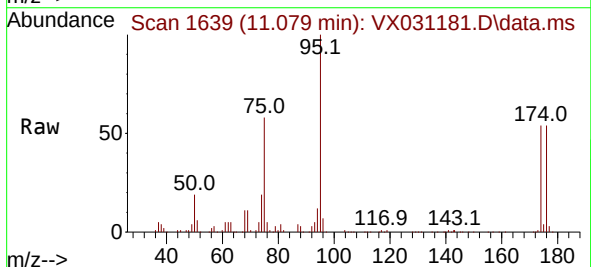
Instrument :
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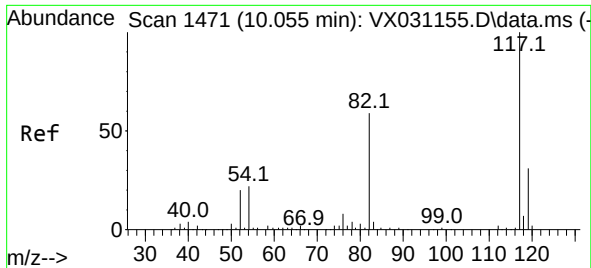
Tgt Ion: 98 Resp: 284355
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 54.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion: 95 Resp: 110200
Ion Ratio Lower Upper
95 100
174 63.2 0.0 149.0
176 60.8 0.0 146.0

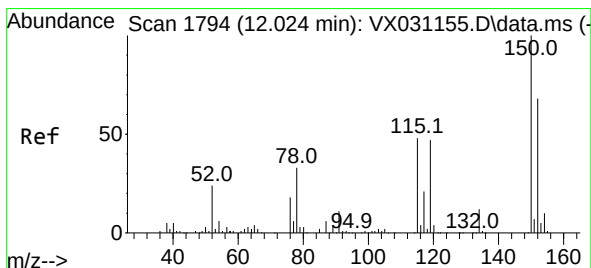
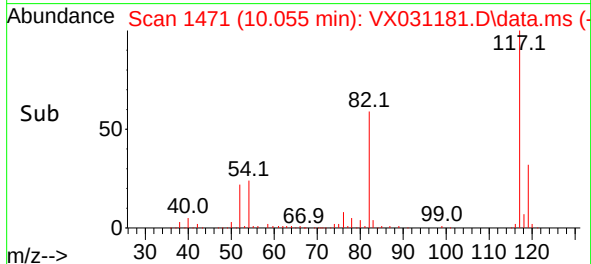
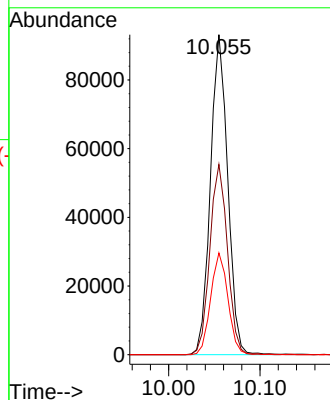
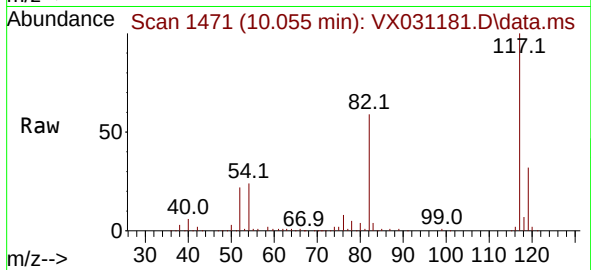




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 122049
Ion Ratio Lower Upper
117 100
82 59.5 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031181.D
Acq: 07 Sep 2022 23:53

Tgt Ion:152 Resp: 51536
Ion Ratio Lower Upper
152 100
115 68.1 40.5 121.5
150 164.9 0.0 347.0

