

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032017.D
 Acq On : 10 Oct 2022 17:04
 Operator : JC/MD
 Sample : N4937-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102

Quant Time: Oct 11 05:13:12 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)

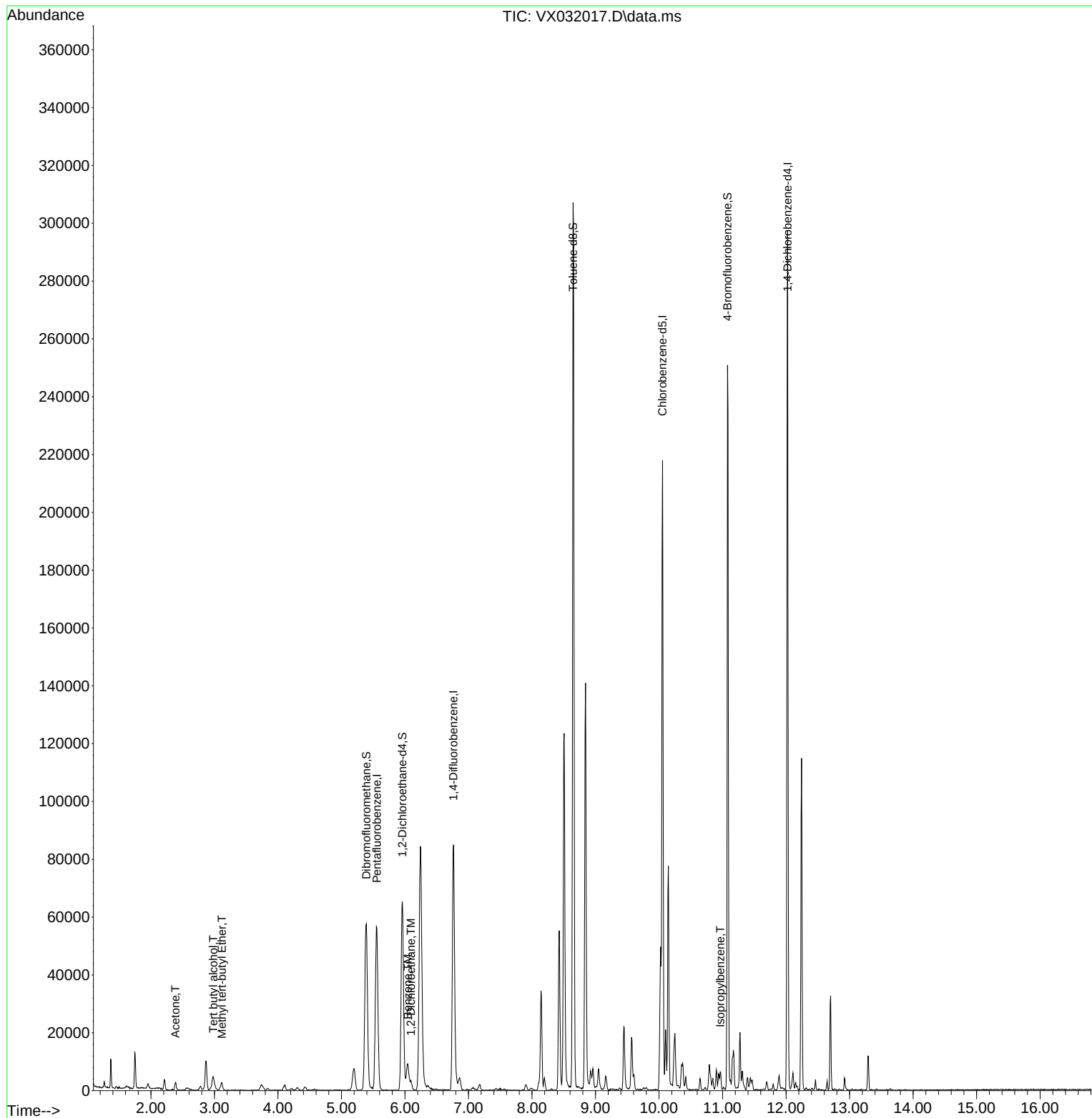
Internal Standards						
1) Pentafluorobenzene	5.556	168	54200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62459	55.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.600%			
35) Dibromofluoromethane	5.391	113	49867	50.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.647	98	182008	50.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	62341	49.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds						
11) Tert butyl alcohol	2.983	59	6545	46.997	ug/l	96
16) Acetone	2.386	43	3202	8.417	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	2108	0.761	ug/l #	79
40) Benzene	6.044	78	10933	2.830	ug/l	99
42) 1,2-Dichloroethane	6.092	62	3329	2.365	ug/l	97
73) Isopropylbenzene	10.964	105	2371	0.538	ug/l	97

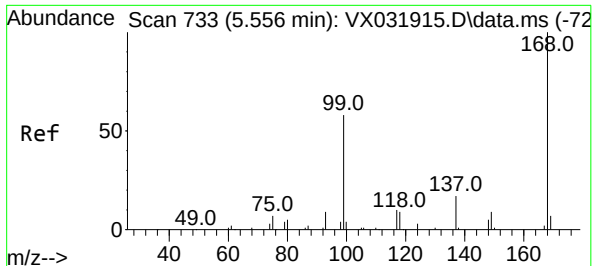
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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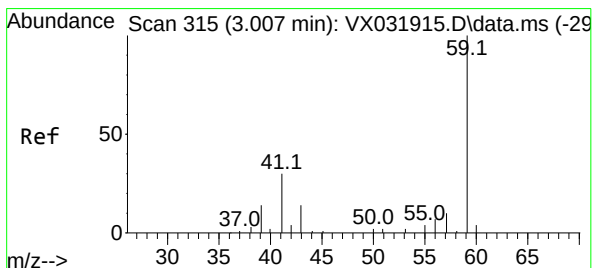
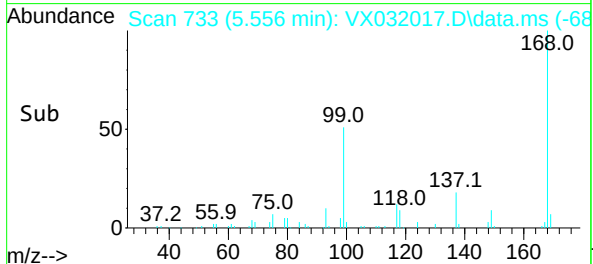
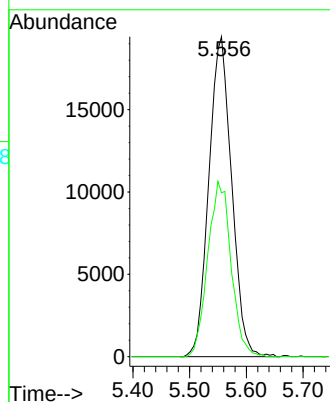
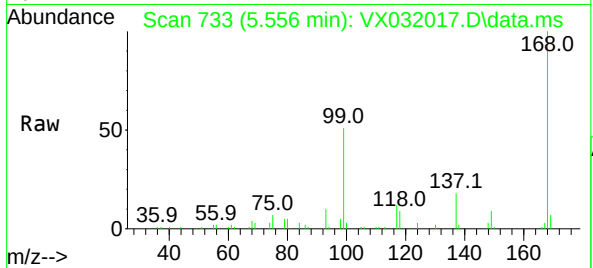




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

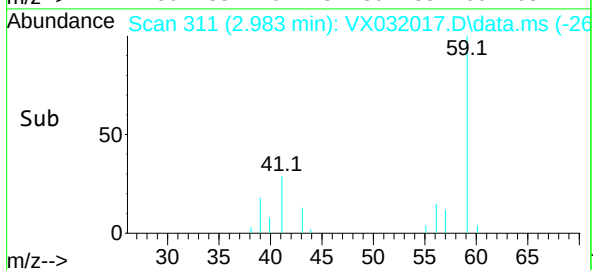
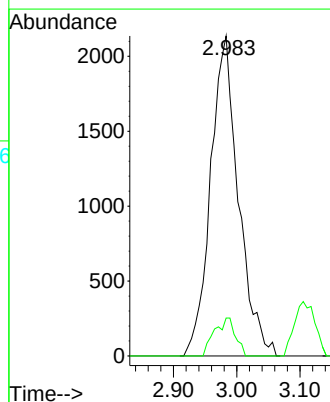
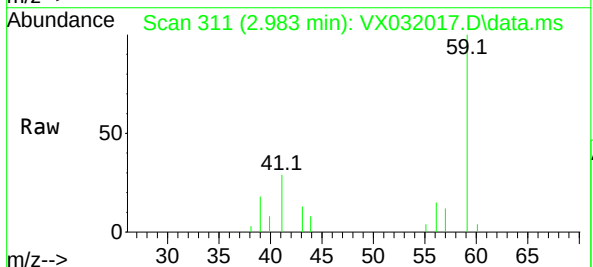
Instrument :
MSVOA_X
ClientSampleId :
MW-102

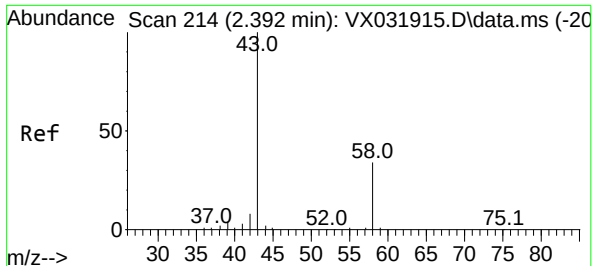
Tgt Ion:168 Resp: 54200
Ion Ratio Lower Upper
168 100
99 51.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 46.997 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 59 Resp: 6545
Ion Ratio Lower Upper
59 100
57 8.9 8.2 12.2

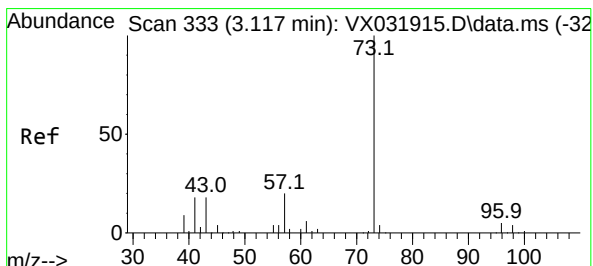
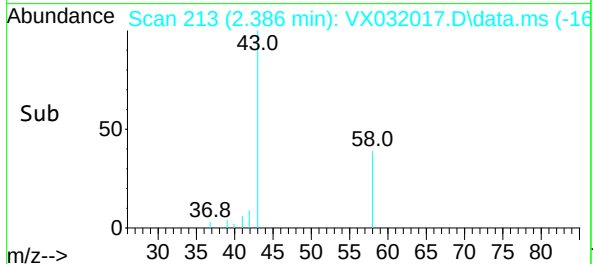
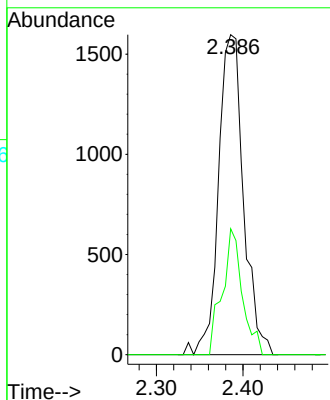
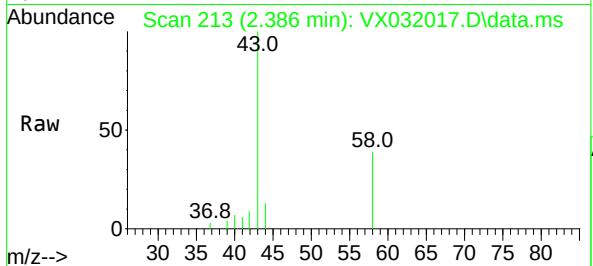




#16
Acetone
Concen: 8.417 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

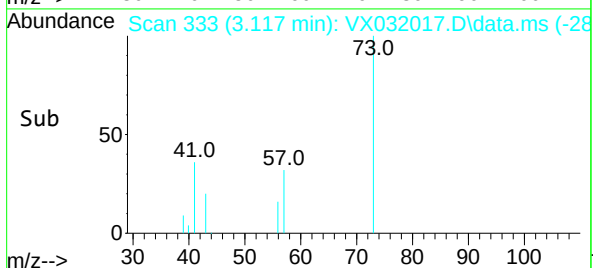
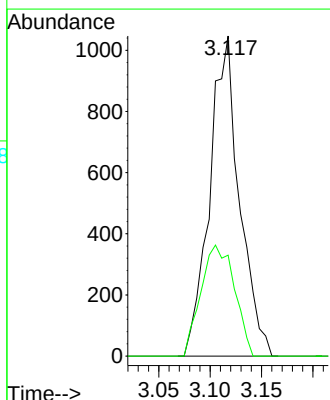
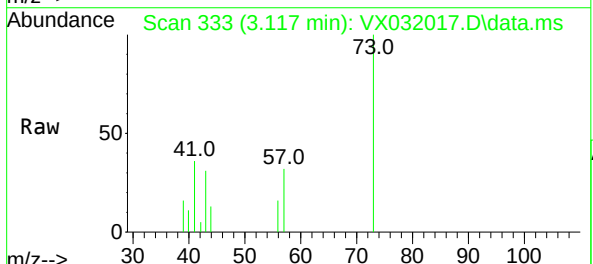
Instrument :
MSVOA_X
ClientSampleId :
MW-102

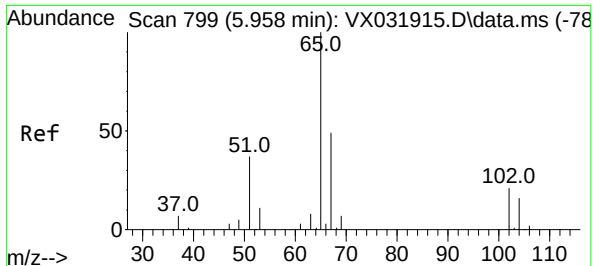
Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
58 39.3 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.761 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 73 Resp: 2108
Ion Ratio Lower Upper
73 100
57 31.5 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 55.800 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032017.D

Acq: 10 Oct 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

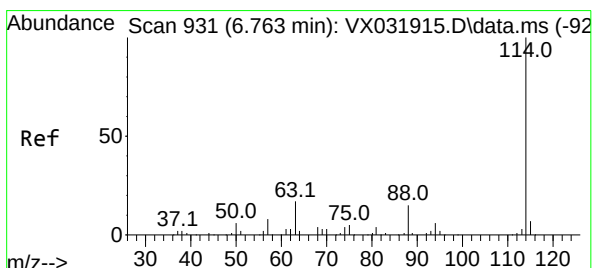
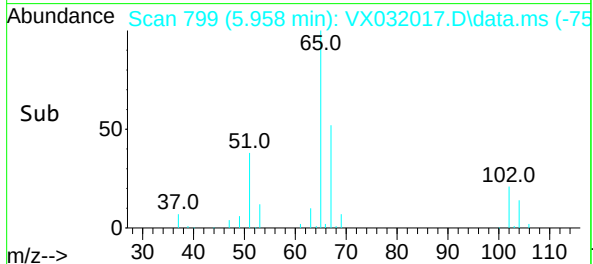
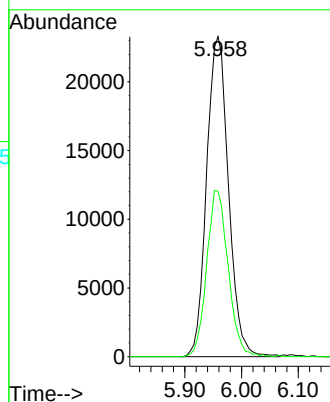
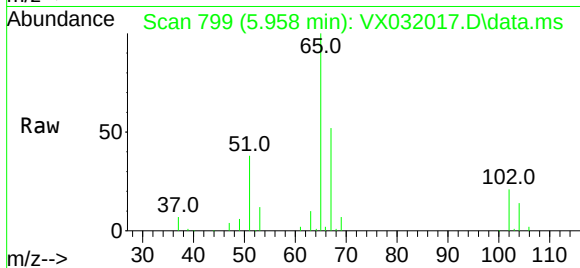
MW-102

Tgt Ion: 65 Resp: 62459

Ion Ratio Lower Upper

65 100

67 51.0 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: VX032017.D

Acq: 10 Oct 2022 17:04

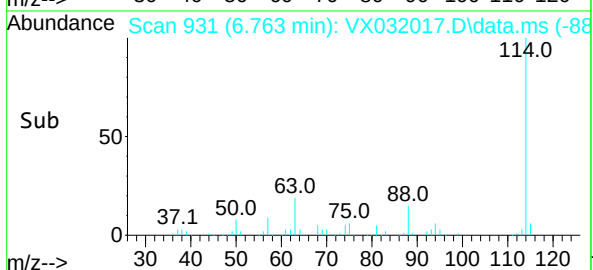
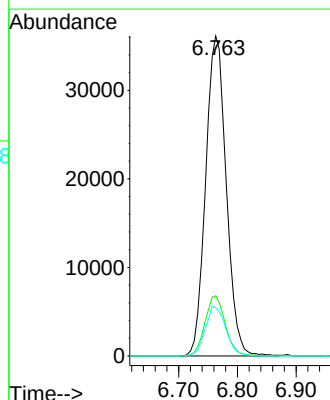
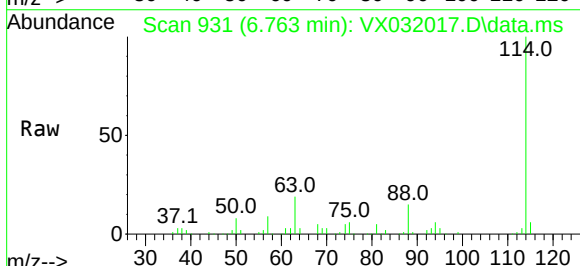
Tgt Ion: 114 Resp: 87893

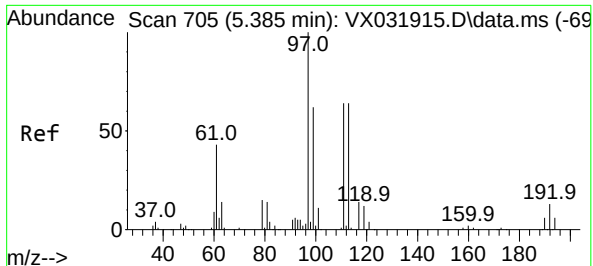
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.123 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032017.D

Acq: 10 Oct 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-102

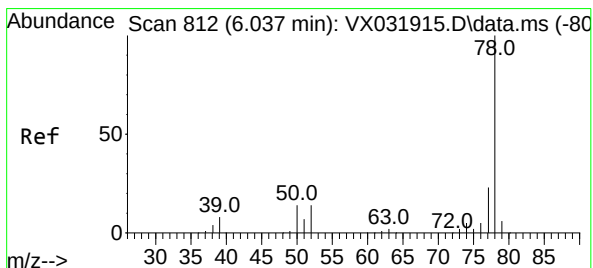
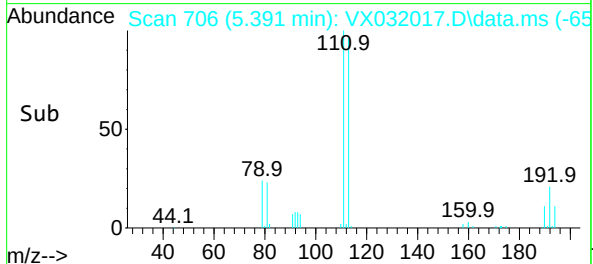
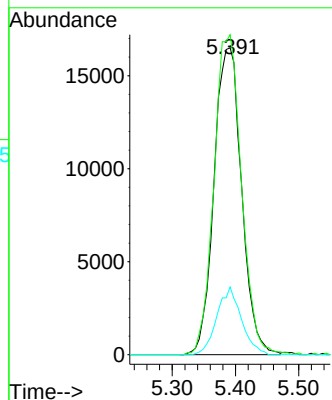
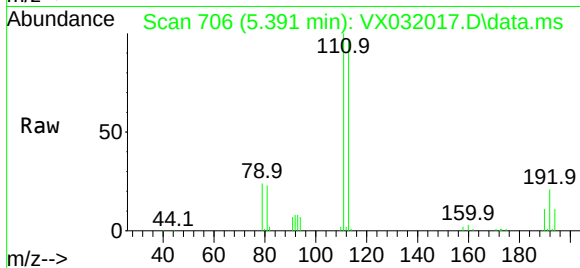
Tgt Ion:113 Resp: 49867

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 19.6 14.1 21.1



#40

Benzene

Concen: 2.830 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX032017.D

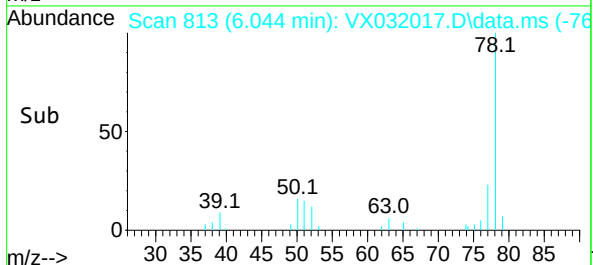
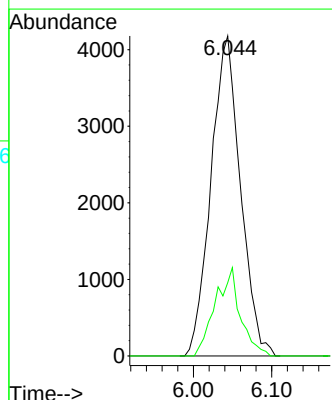
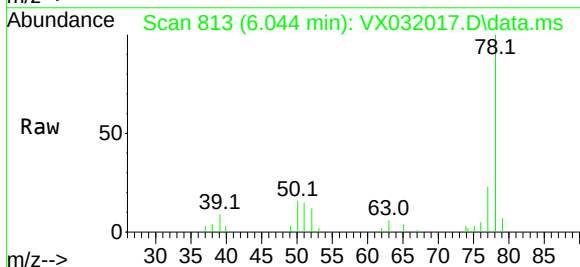
Acq: 10 Oct 2022 17:04

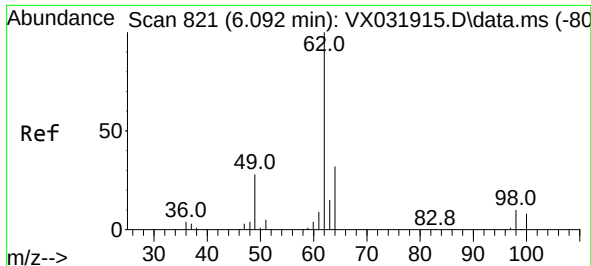
Tgt Ion: 78 Resp: 10933

Ion Ratio Lower Upper

78 100

77 22.9 18.7 28.1





#42

1,2-Dichloroethane

Concen: 2.365 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX032017.D

Acq: 10 Oct 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

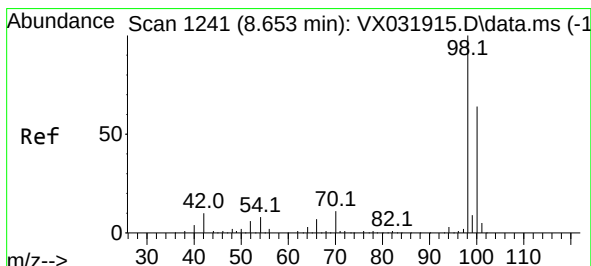
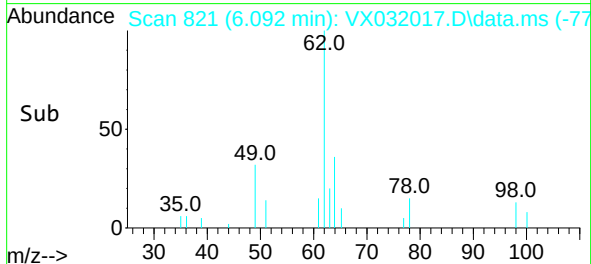
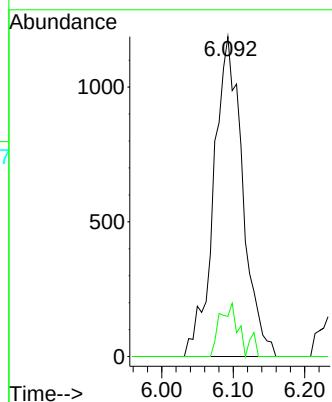
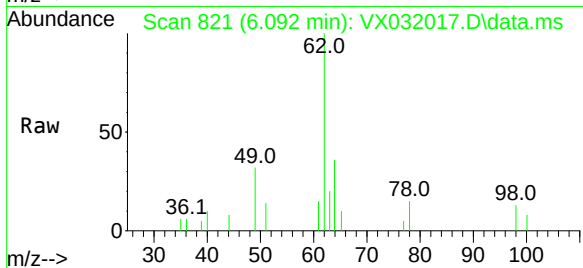
MW-102

Tgt Ion: 62 Resp: 3329

Ion Ratio Lower Upper

62 100

98 10.1 0.0 17.8



#50

Toluene-d8

Concen: 50.840 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032017.D

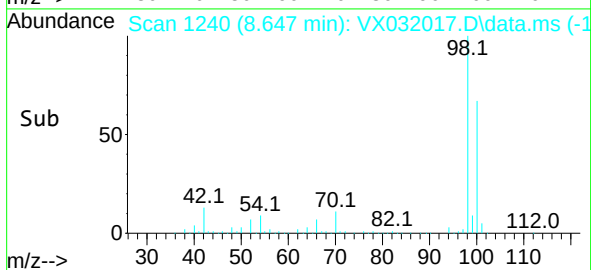
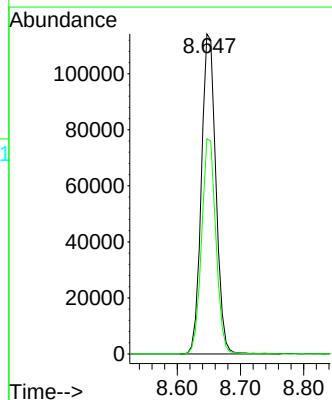
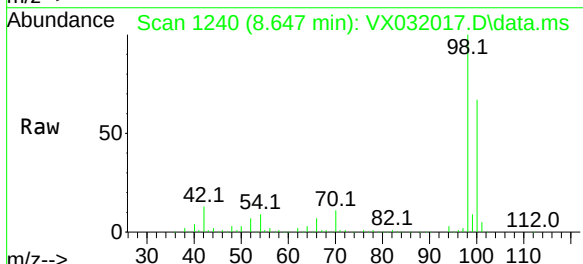
Acq: 10 Oct 2022 17:04

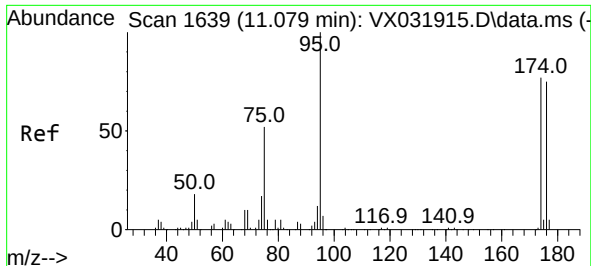
Tgt Ion: 98 Resp: 182008

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

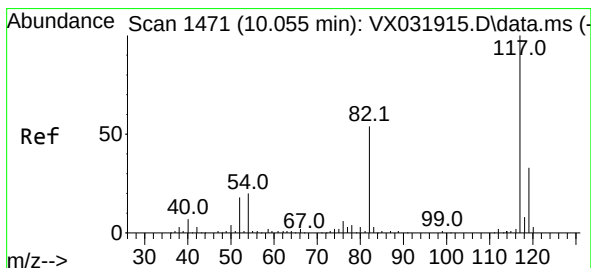
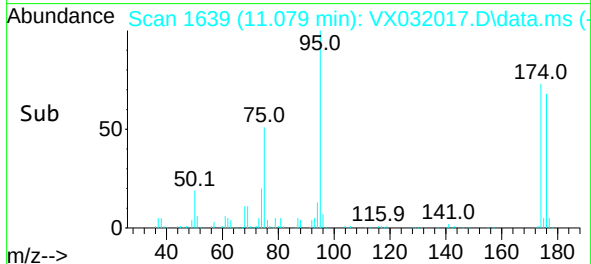
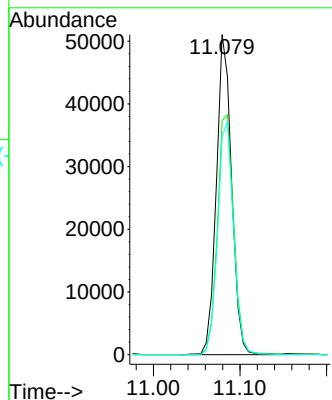
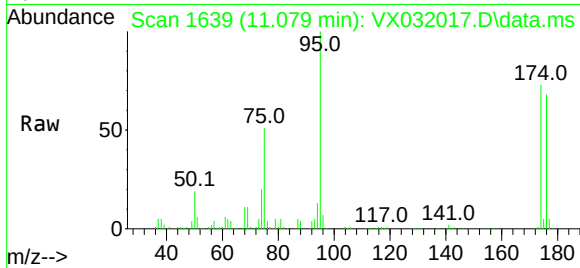




#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

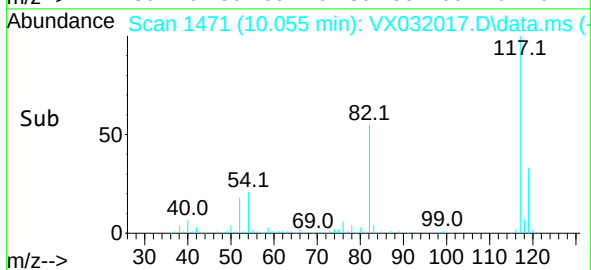
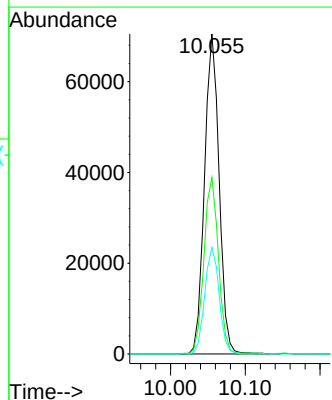
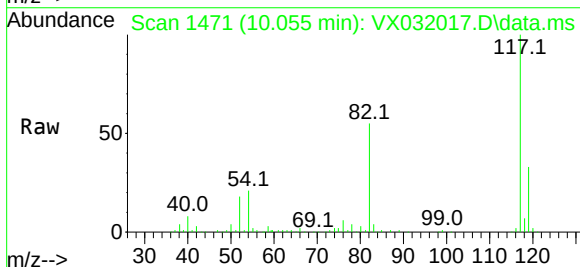
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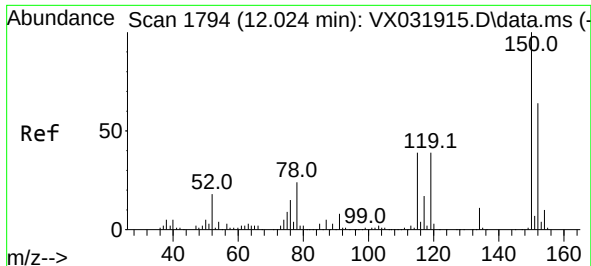
Tgt Ion: 95 Resp: 62341
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 75.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 117 Resp: 95668
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 33.3 26.4 39.6

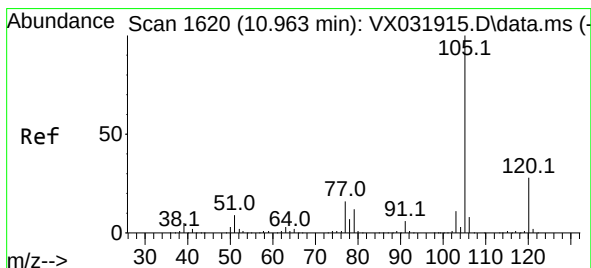
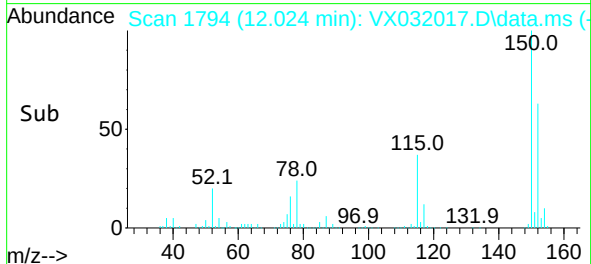
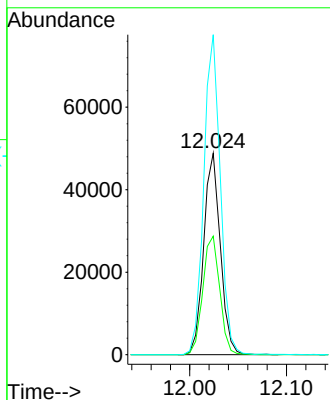
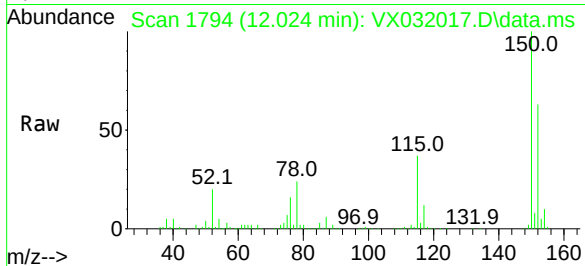




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion:152 Resp: 58408
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 157.7 0.0 346.8



#73
Isopropylbenzene
Concen: 0.538 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX032017.D
Acq: 10 Oct 2022 17:04

Tgt Ion:105 Resp: 2371
Ion Ratio Lower Upper
105 100
120 28.7 13.7 41.0

