

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031348.D
 Acq On : 15 Sep 2022 09:06
 Operator : JC/MD
 Sample : N4539-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MBD-WC-S-MP-1-3-4

Quant Time: Sep 15 11:13:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

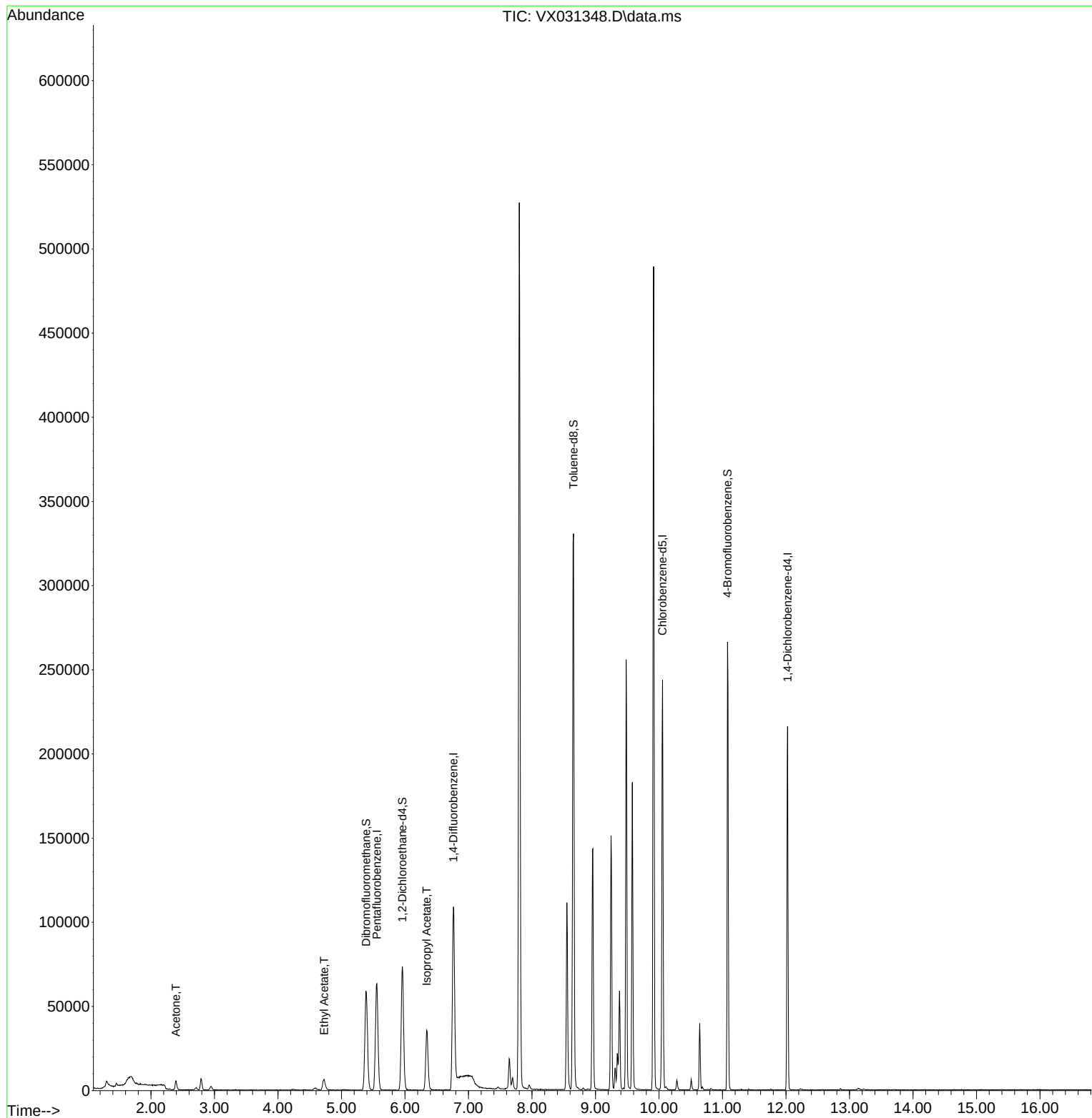
Internal Standards						
1) Pentafluorobenzene	5.556	168	56091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	100777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68440	49.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.420%		
35) Dibromofluoromethane	5.385	113	49382	45.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.180%		
50) Toluene-d8	8.653	98	190359	46.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.700%		
62) 4-Bromofluorobenzene	11.079	95	63144	42.434	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.860%		
Target Compounds						
16) Acetone	2.392	43	6593	11.217	ug/l	92
37) Ethyl Acetate	4.727	43	12099	6.209	ug/l #	94
43) Isopropyl Acetate	6.342	43	50306	15.125	ug/l	98

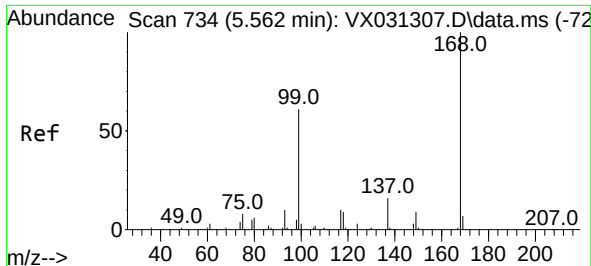
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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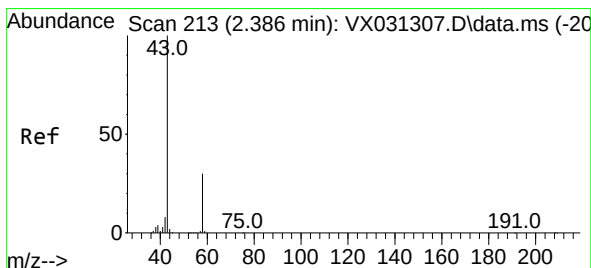
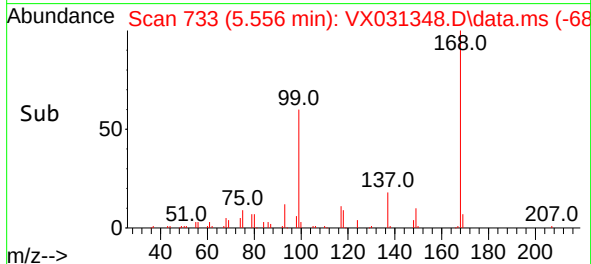
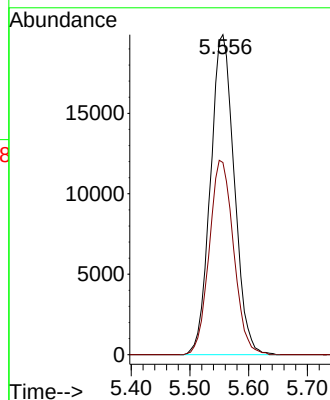
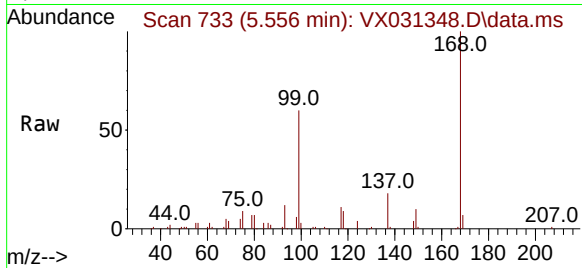




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031348.D
Acq: 15 Sep 2022 09:06

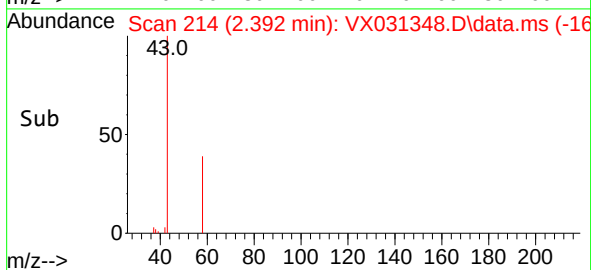
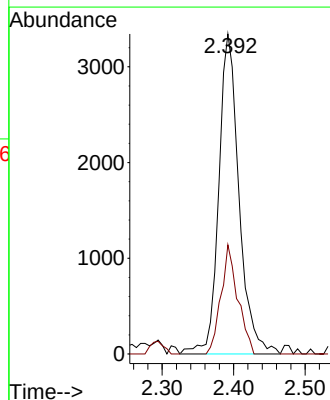
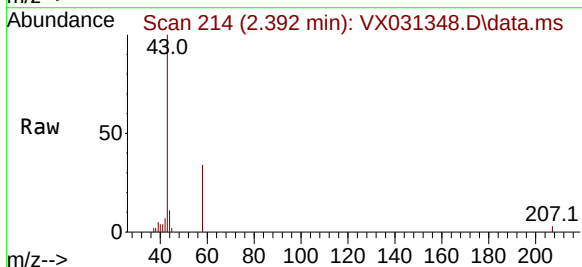
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-3-4

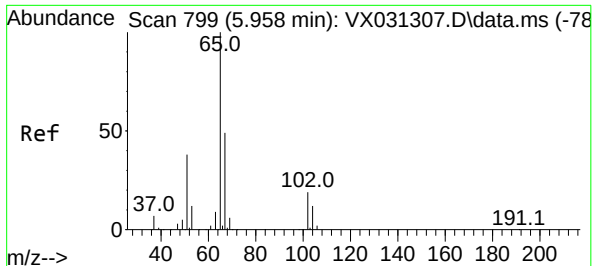
Tgt Ion:168 Resp: 56091
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#16
Acetone
Concen: 11.217 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031348.D
Acq: 15 Sep 2022 09:06

Tgt Ion: 43 Resp: 6593
Ion Ratio Lower Upper
43 100
58 34.1 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 49.710 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031348.D

Acq: 15 Sep 2022 09:06

Instrument :

MSVOA_X

ClientSampleId :

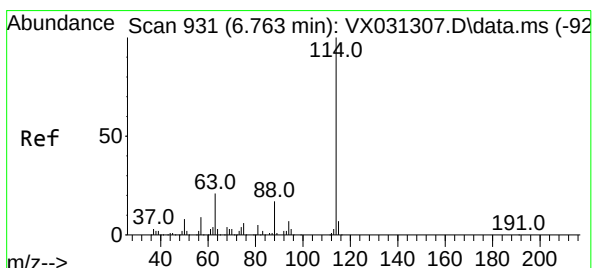
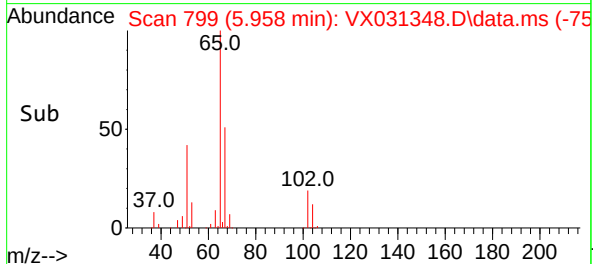
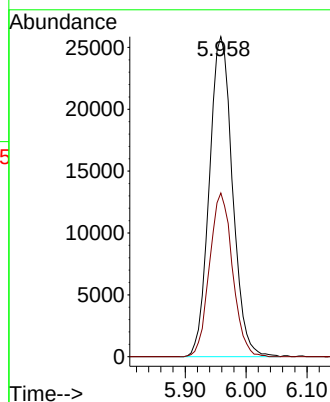
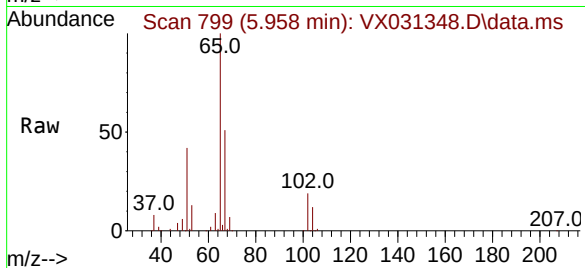
MBD-WC-S-MP-1-3-4

Tgt Ion: 65 Resp: 68440

Ion Ratio Lower Upper

65 100

67 50.6 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: VX031348.D

Acq: 15 Sep 2022 09:06

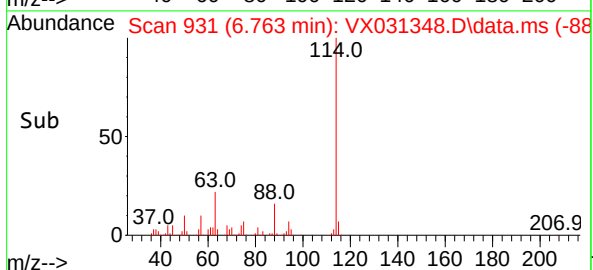
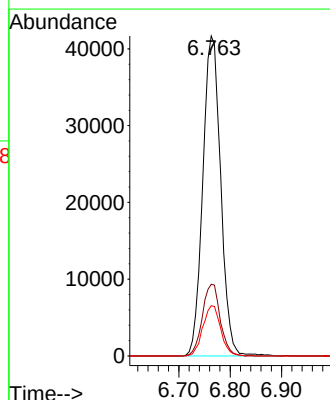
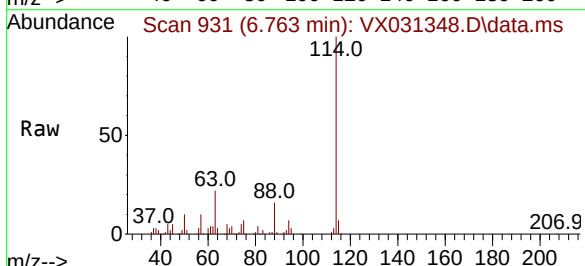
Tgt Ion: 114 Resp: 100777

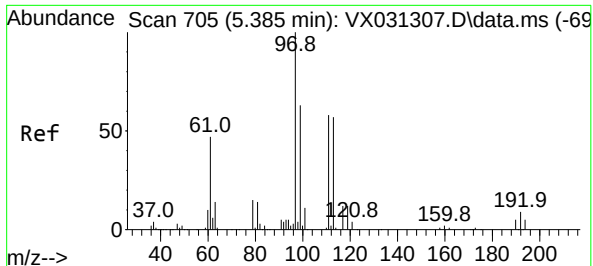
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.6

88 15.7 0.0 33.0

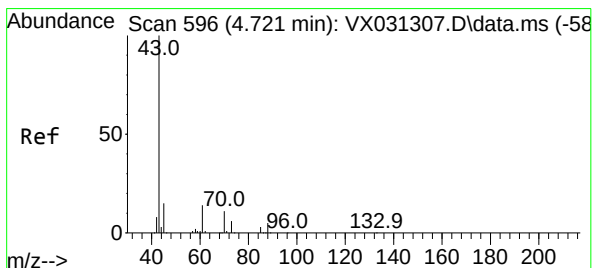
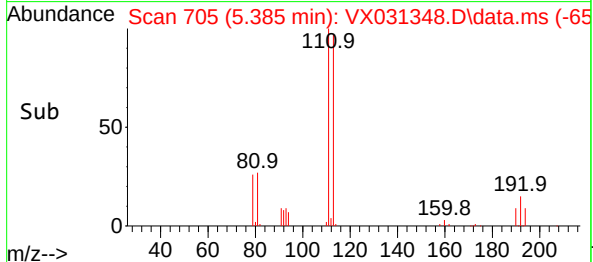
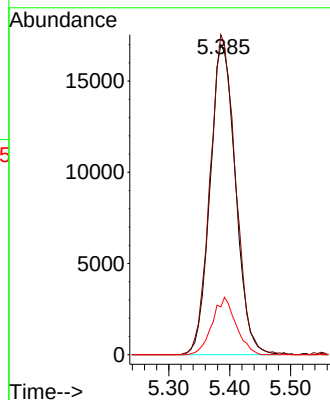
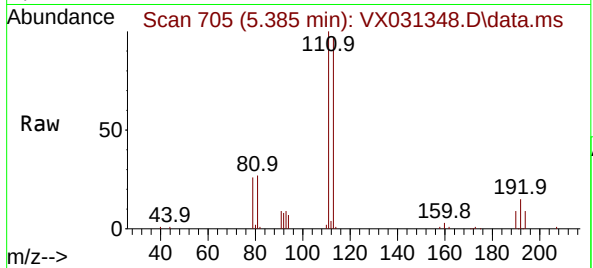




#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031348.D
Acq: 15 Sep 2022 09:06

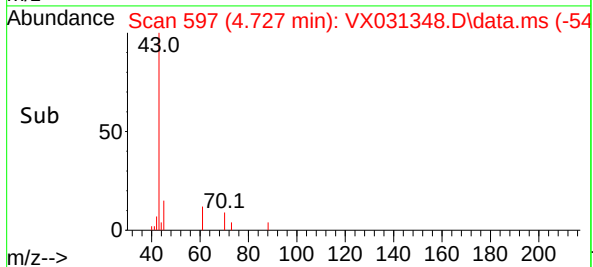
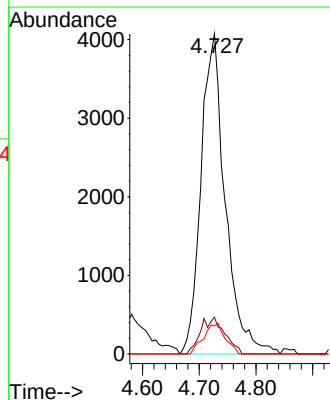
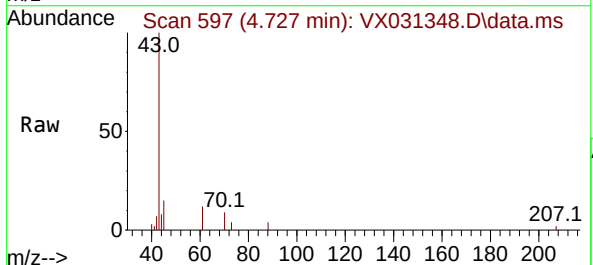
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-3-4

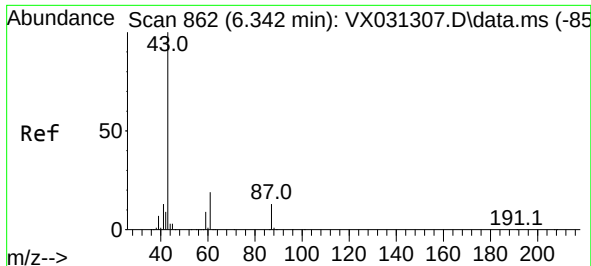
Tgt Ion:113 Resp: 49382
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.3 14.1 21.1



#37
Ethyl Acetate
Concen: 6.209 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX031348.D
Acq: 15 Sep 2022 09:06

Tgt Ion: 43 Resp: 12099
Ion Ratio Lower Upper
43 100
61 11.4 11.1 16.7
70 8.5 8.6 13.0#

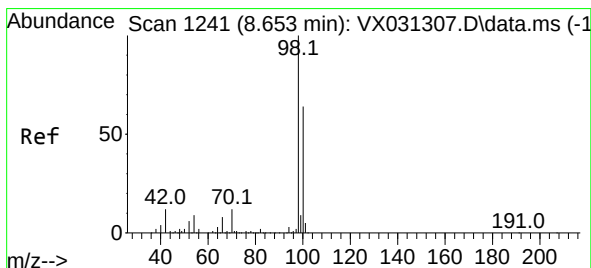
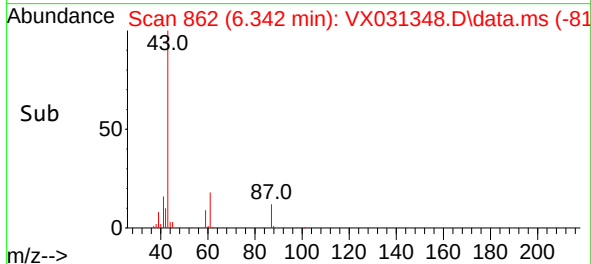
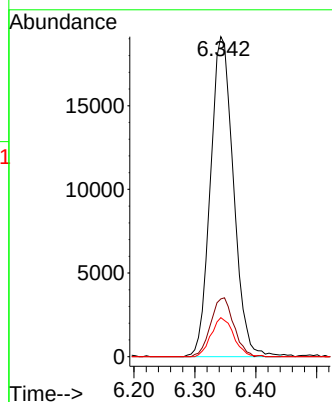
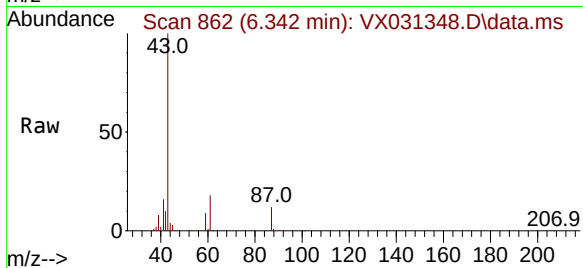




#43
Isopropyl Acetate
Concen: 15.125 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031348.D
Acq: 15 Sep 2022 09:06

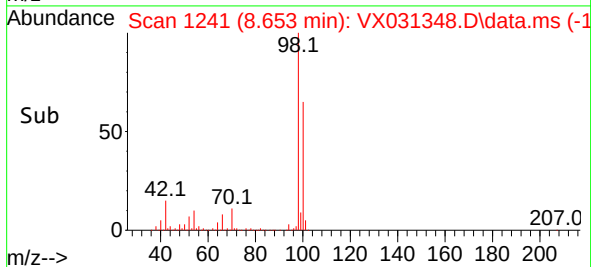
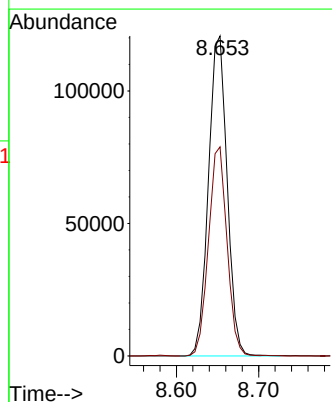
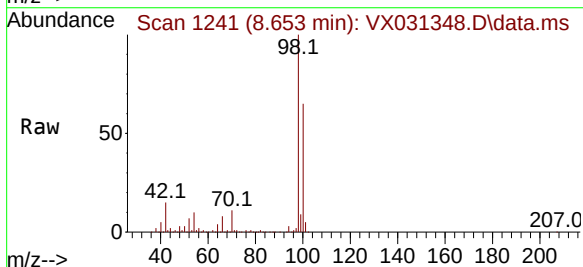
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-3-4

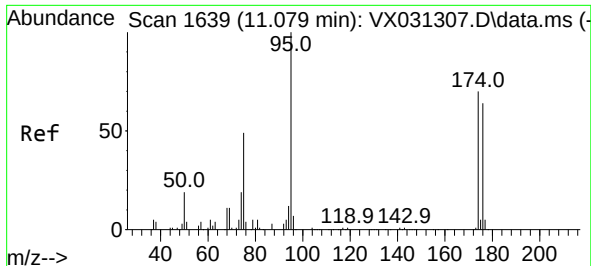
Tgt Ion: 43 Resp: 50306
Ion Ratio Lower Upper
43 100
61 18.4 15.3 22.9
87 11.9 10.6 15.8



#50
Toluene-d8
Concen: 46.846 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031348.D
Acq: 15 Sep 2022 09:06

Tgt Ion: 98 Resp: 190359
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 42.434 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031348.D

Acq: 15 Sep 2022 09:06

Instrument :

MSVOA_X

ClientSampleId :

MBD-WC-S-MP-1-3-4

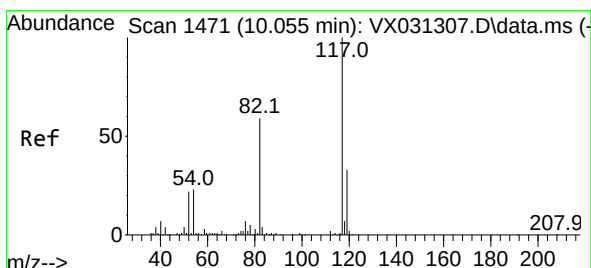
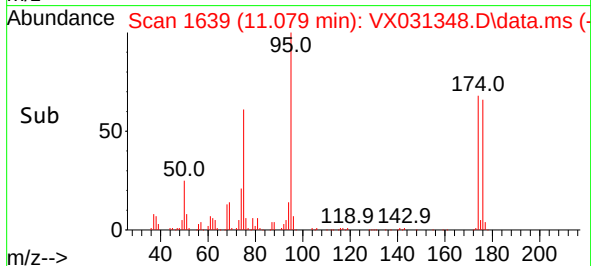
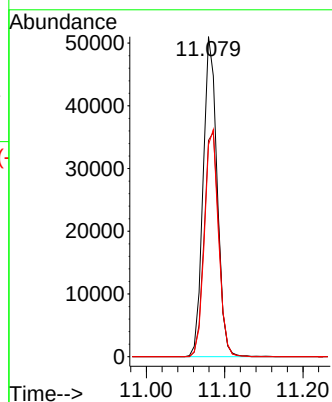
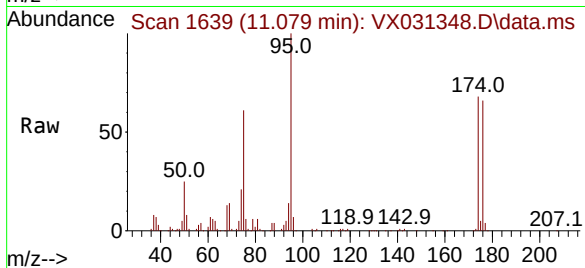
Tgt Ion: 95 Resp: 63144

Ion Ratio Lower Upper

95 100

174 73.2 0.0 153.2

176 71.1 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: VX031348.D

Acq: 15 Sep 2022 09:06

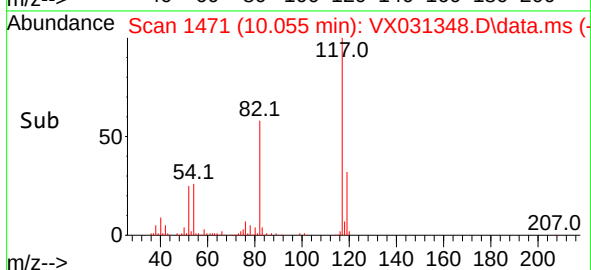
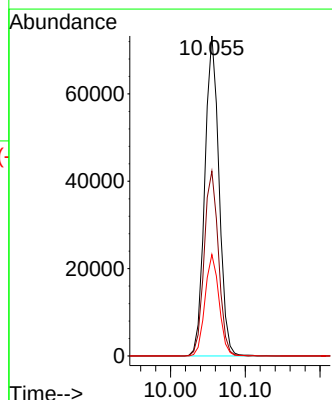
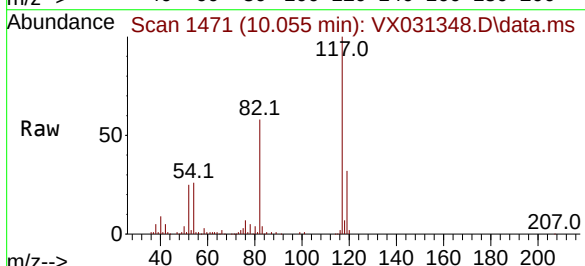
Tgt Ion: 117 Resp: 96739

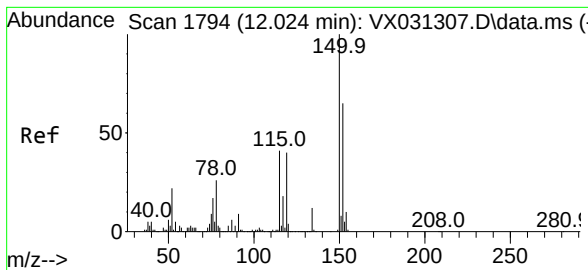
Ion Ratio Lower Upper

117 100

82 57.7 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# 11
 Delta R.T. 0.000 min
 Lab File: VX031348.D
 Acq: 15 Sep 2022 09:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MBD-WC-S-MP-1-3-4

Tgt Ion:	152	Resp:	38981
Ion	Ratio	Lower	Upper
152	100		
115	60.8	43.4	130.1
150	158.9	0.0	346.8

