

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029710.D
 Acq On : 22 Jun 2022 19:30
 Operator : JC/MD
 Sample : N3202-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Jun 23 01:11:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

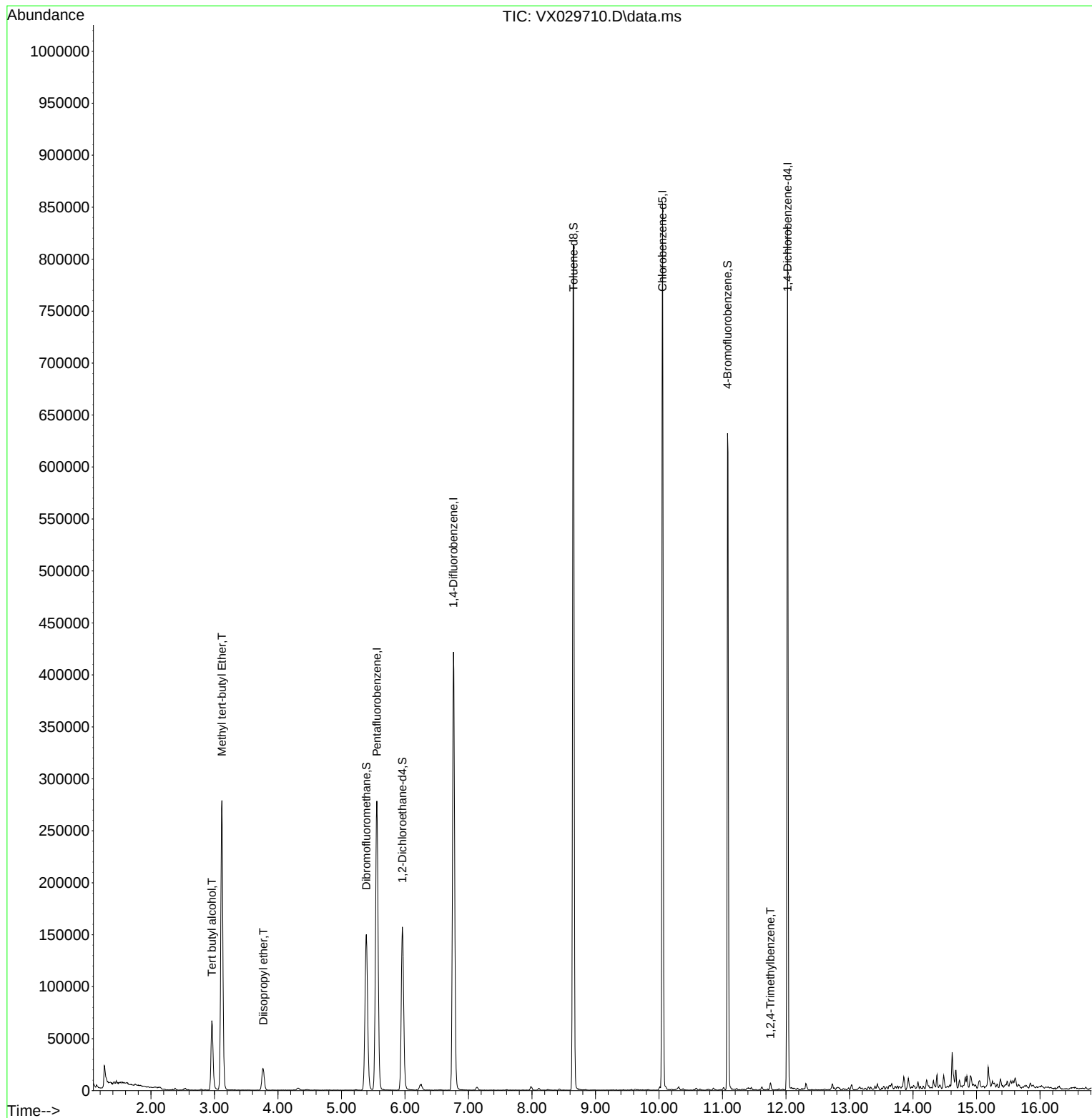
Internal Standards						
1) Pentafluorobenzene	5.556	168	272712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148405	41.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.220%
35) Dibromofluoromethane	5.391	113	134192	45.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	8.653	98	514785	47.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.079	95	186163	45.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	84991	102.580	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	328197	34.217	ug/l	99
22) Diisopropyl ether	3.770	45	23699	2.686	ug/l #	83
84) 1,2,4-Trimethylbenzene	11.756	105	3288	0.294	ug/l	93

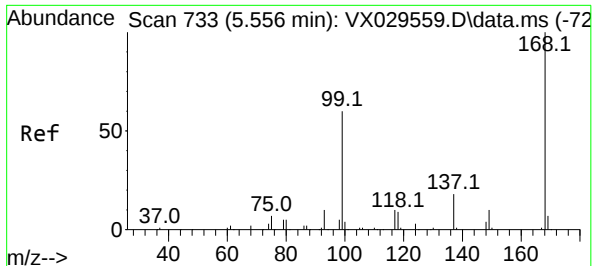
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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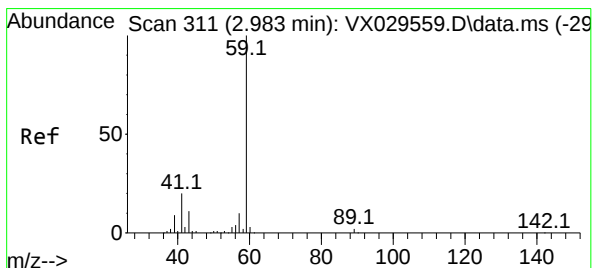
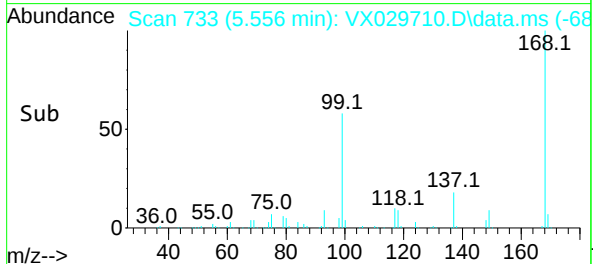
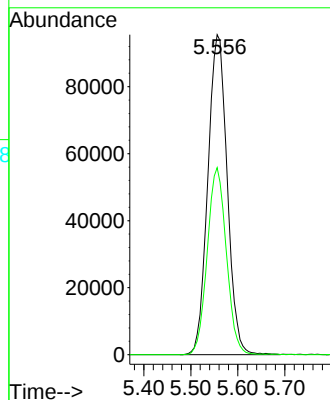
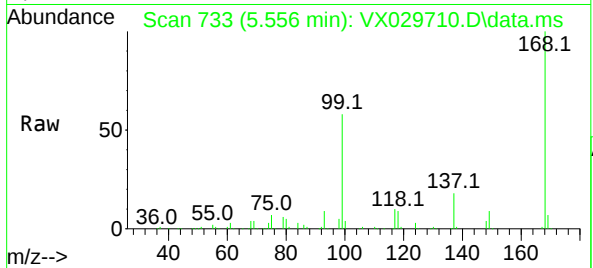




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029710.D
Acq: 22 Jun 2022 19:30

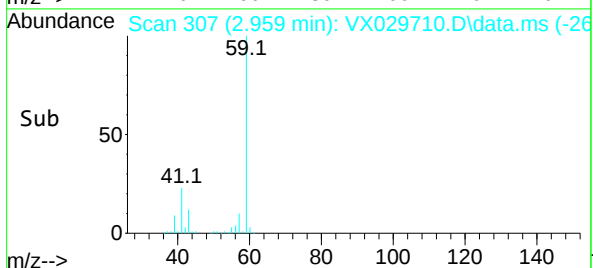
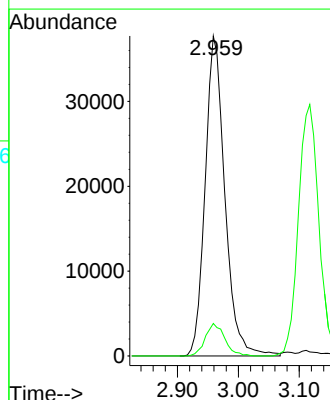
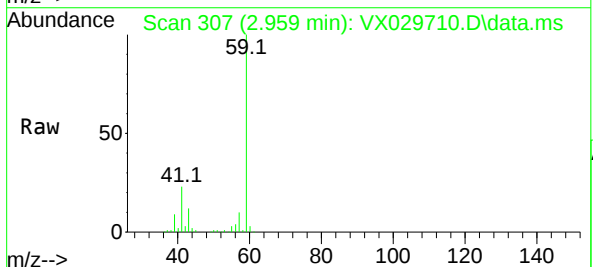
Instrument :
MSVOA_X
ClientSampleId :
MW-25

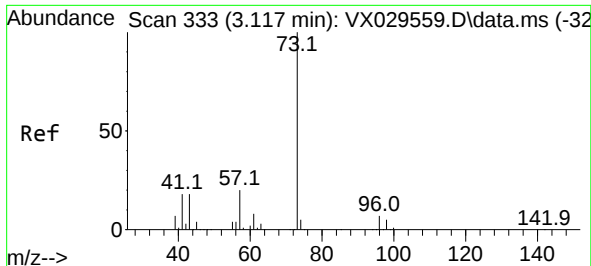
Tgt Ion:168 Resp: 272712
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 102.580 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029710.D
Acq: 22 Jun 2022 19:30

Tgt Ion: 59 Resp: 84991
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

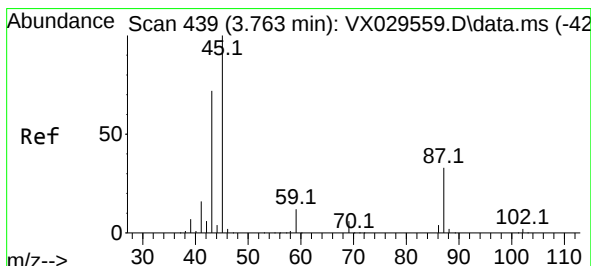
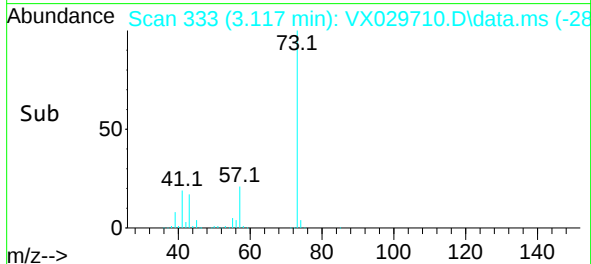
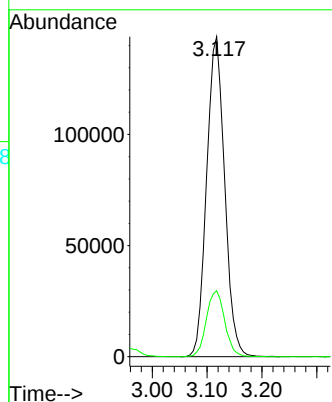
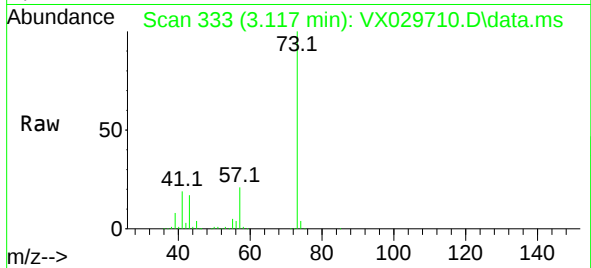




#19
Methyl tert-butyl Ether
Concen: 34.217 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029710.D
Acq: 22 Jun 2022 19:30

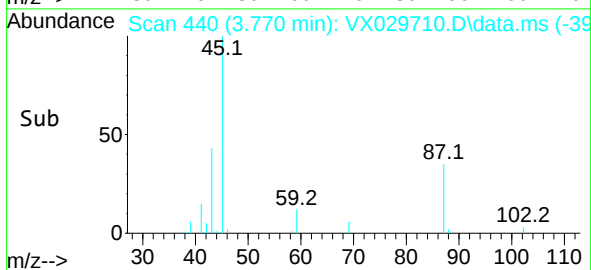
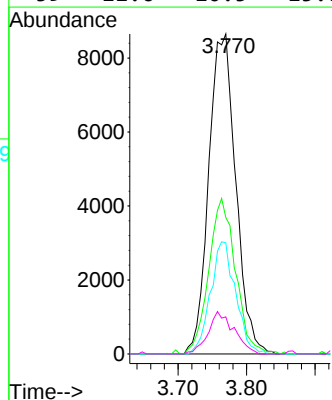
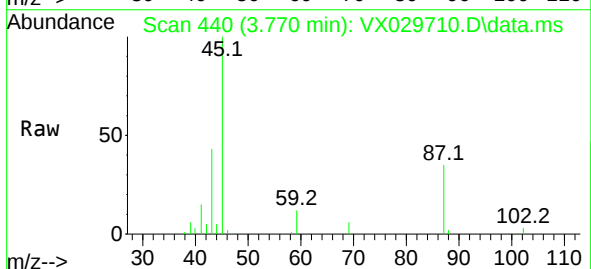
Instrument :
MSVOA_X
ClientSampleId :
MW-25

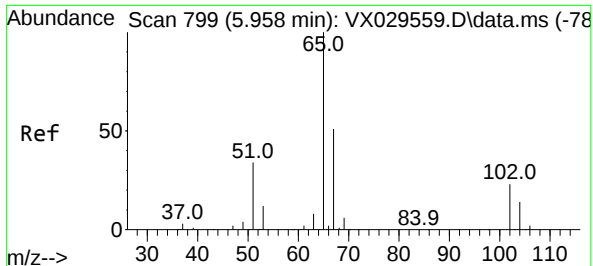
Tgt Ion: 73 Resp: 328197
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#22
Diisopropyl ether
Concen: 2.686 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029710.D
Acq: 22 Jun 2022 19:30

Tgt Ion: 45 Resp: 23699
Ion Ratio Lower Upper
45 100
43 42.6 50.8 76.2#
87 34.7 26.6 39.8
59 11.6 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 41.110 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029710.D

Acq: 22 Jun 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

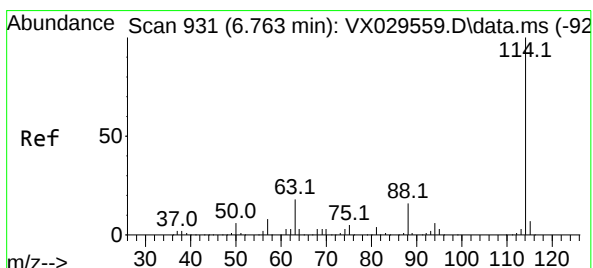
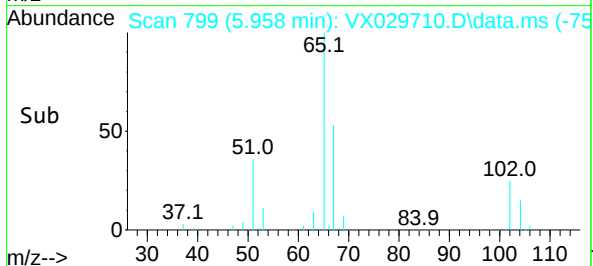
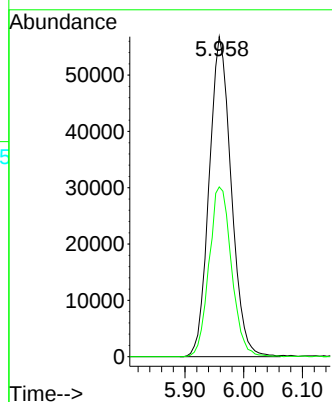
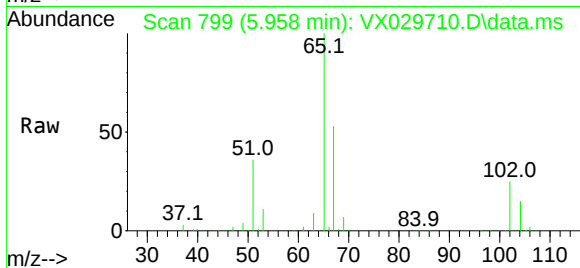
MW-25

Tgt Ion: 65 Resp: 148405

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029710.D

Acq: 22 Jun 2022 19:30

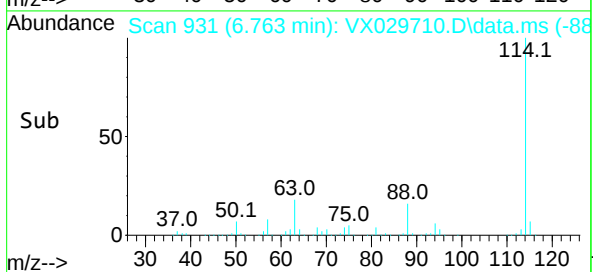
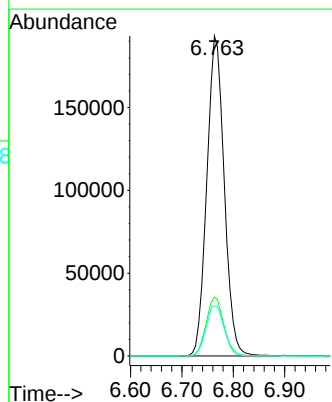
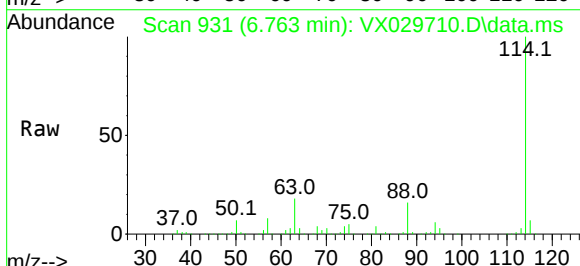
Tgt Ion: 114 Resp: 454494

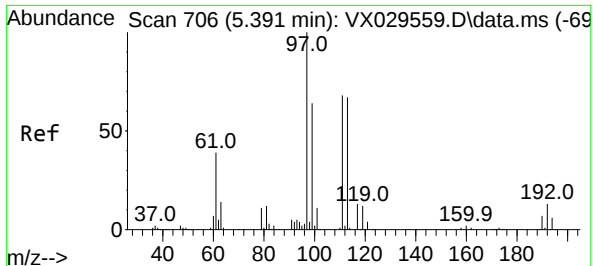
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.307 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029710.D

Acq: 22 Jun 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

MW-25

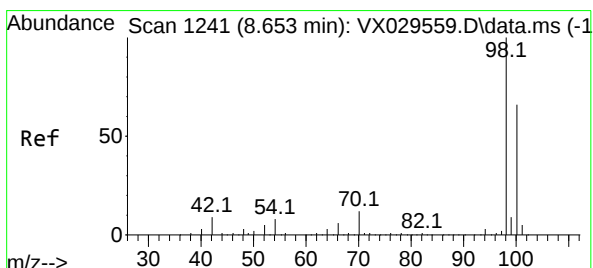
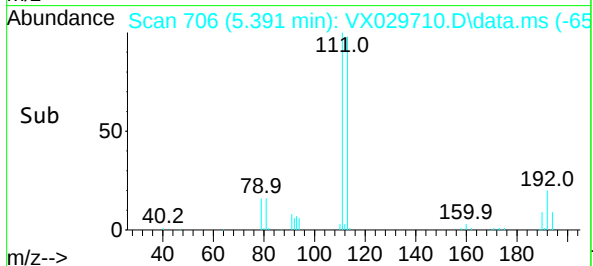
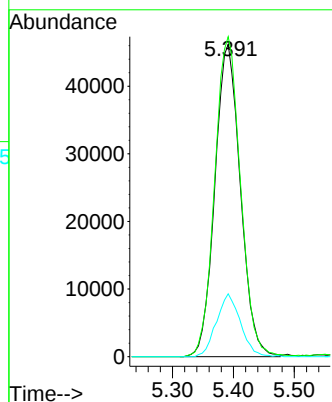
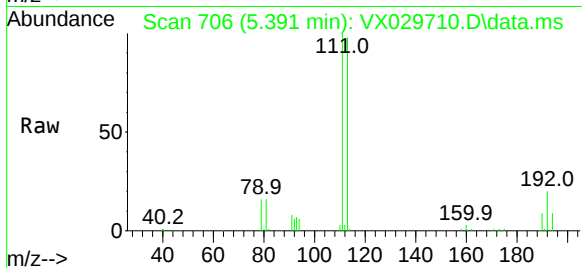
Tgt Ion:113 Resp: 134192

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 19.1 16.9 25.3



#50

Toluene-d8

Concen: 47.576 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029710.D

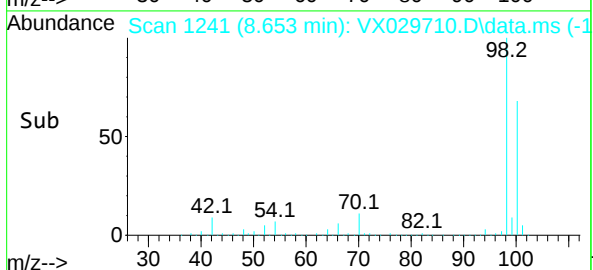
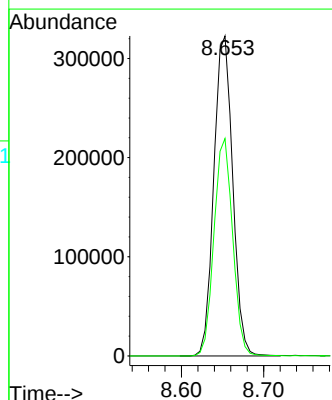
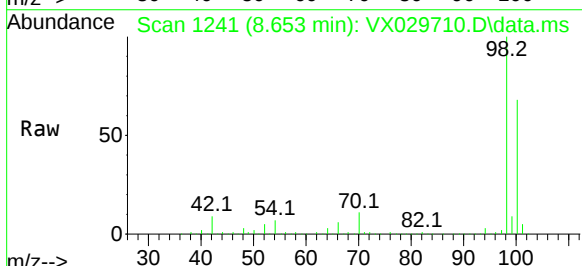
Acq: 22 Jun 2022 19:30

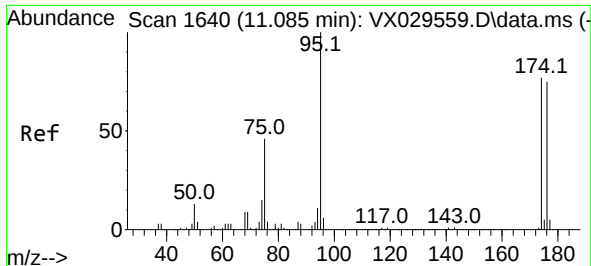
Tgt Ion: 98 Resp: 514785

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8

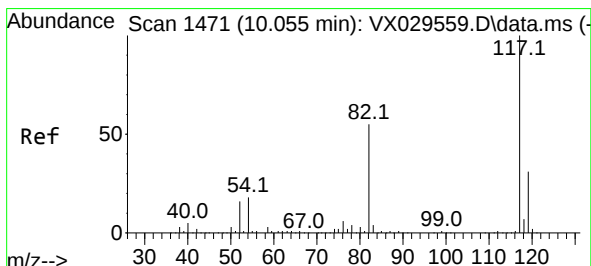
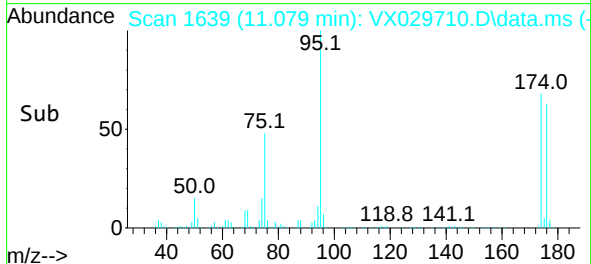
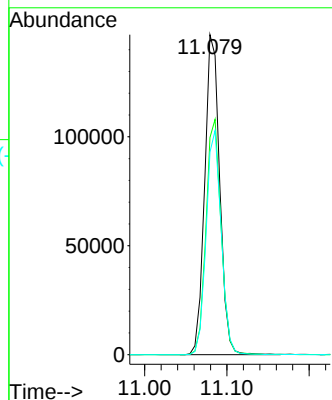
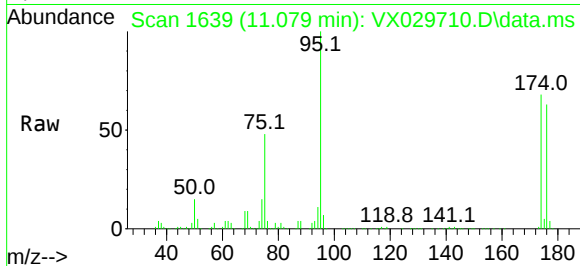




#62
4-Bromofluorobenzene
Concen: 45.623 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029710.D
Acq: 22 Jun 2022 19:30

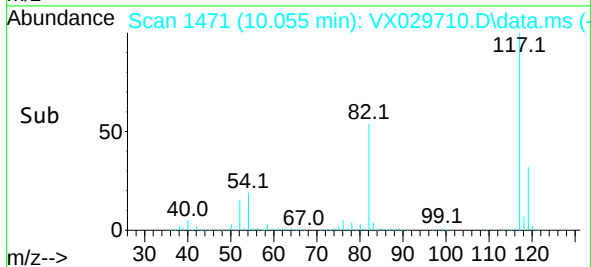
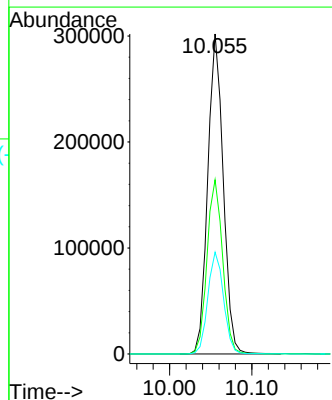
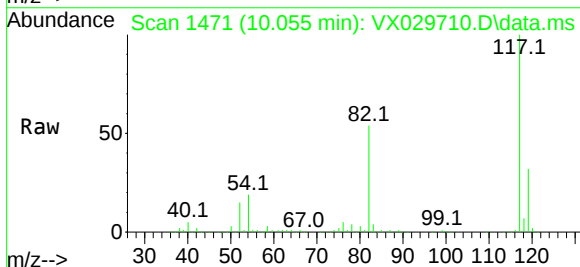
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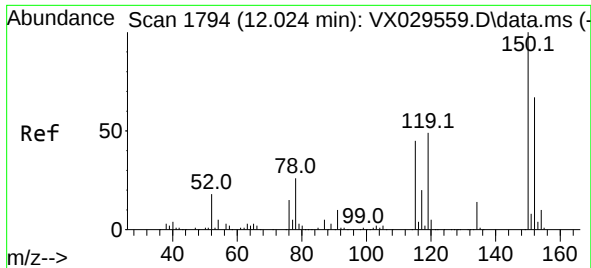
Tgt Ion: 95 Resp: 186163
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 70.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029710.D
Acq: 22 Jun 2022 19:30

Tgt Ion: 117 Resp: 394186
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 31.8 24.8 37.2

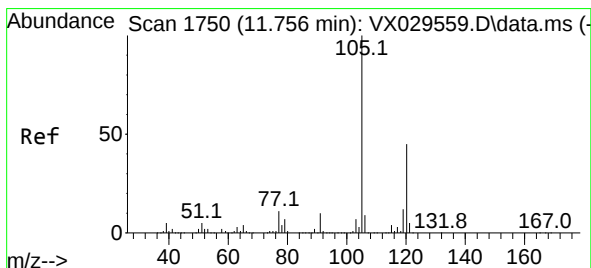
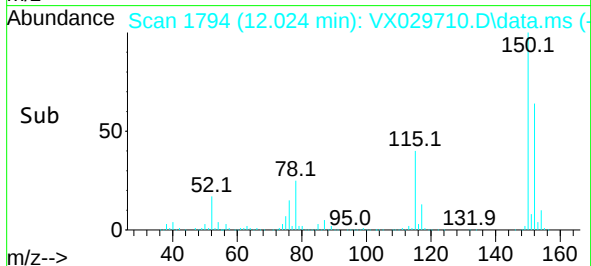
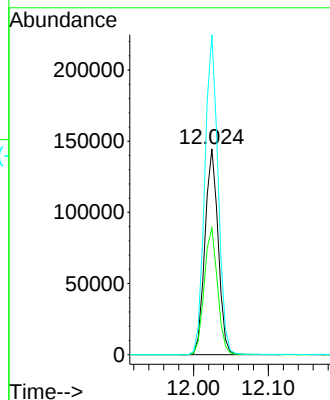
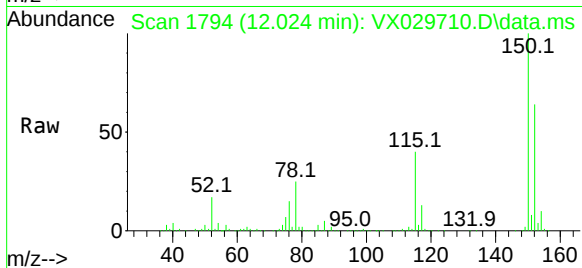




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029710.D
 Acq: 22 Jun 2022 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Tgt Ion:152 Resp: 177366
 Ion Ratio Lower Upper
 152 100
 115 62.1 37.5 112.7
 150 156.5 0.0 338.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.294 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX029710.D
 Acq: 22 Jun 2022 19:30

Tgt Ion:105 Resp: 3288
 Ion Ratio Lower Upper
 105 100
 120 40.9 22.6 67.8

