

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029707.D
 Acq On : 22 Jun 2022 18:20
 Operator : JC/MD
 Sample : N3202-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30RE

Quant Time: Jun 23 01:10:25 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)

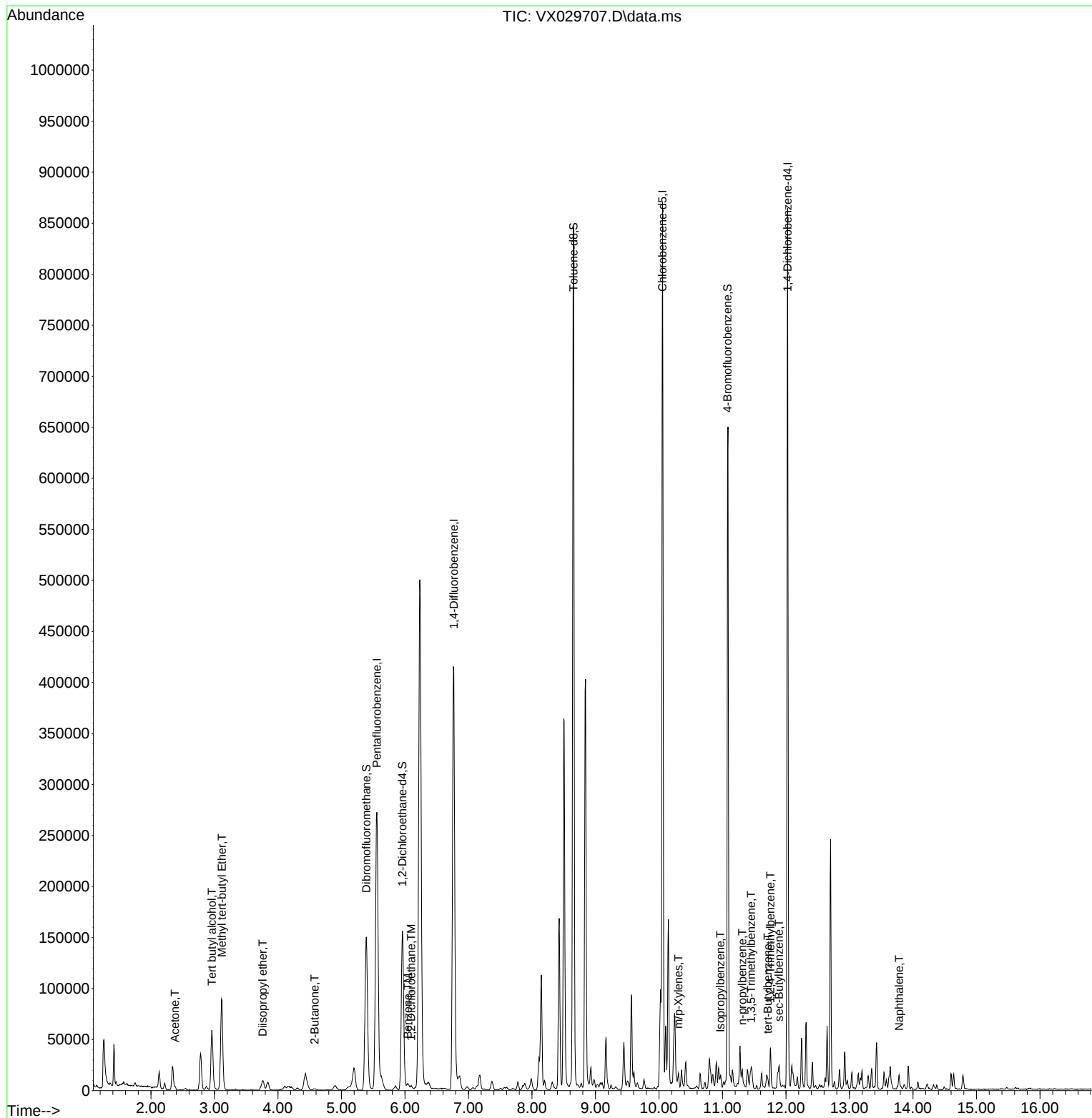
Internal Standards						
1) Pentafluorobenzene	5.556	168	271452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	458467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146616	40.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.600%
35) Dibromofluoromethane	5.391	113	132203	44.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.500%
50) Toluene-d8	8.653	98	518841	47.535	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	191058	46.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	74838	89.636	ug/l	99
16) Acetone	2.380	43	2854	1.993	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	89666	9.392	ug/l #	81
22) Diisopropyl ether	3.758	45	9387	1.069	ug/l #	79
25) 2-Butanone	4.574	43	2999	1.325	ug/l	94
40) Benzene	6.044	78	7680	0.641	ug/l	98
42) 1,2-Dichloroethane	6.099	62	2420	0.587	ug/l #	42
68) m/p-Xylenes	10.305	106	2814	0.510	ug/l	91
73) Isopropylbenzene	10.964	105	3366	0.251	ug/l	98
78) n-propylbenzene	11.311	91	4147	0.275	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	6024	0.533	ug/l	91
83) tert-Butylbenzene	11.713	119	2561	0.233	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	18036	1.601	ug/l	98
85) sec-Butylbenzene	11.890	105	3667	0.269	ug/l #	56
95) Naphthalene	13.780	128	9856	0.785	ug/l	99

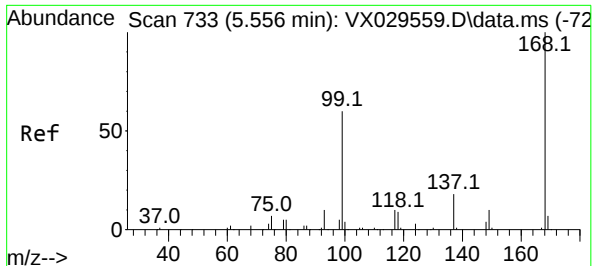
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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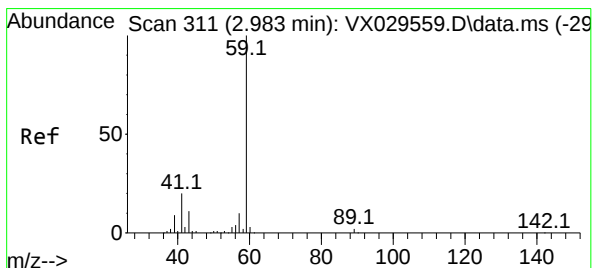
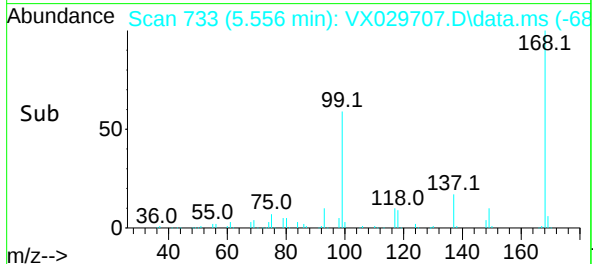
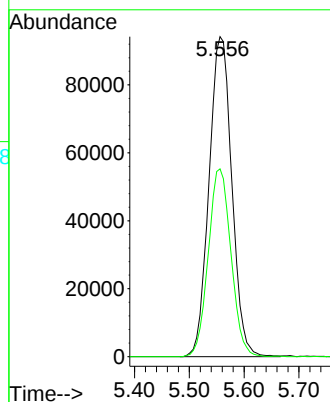
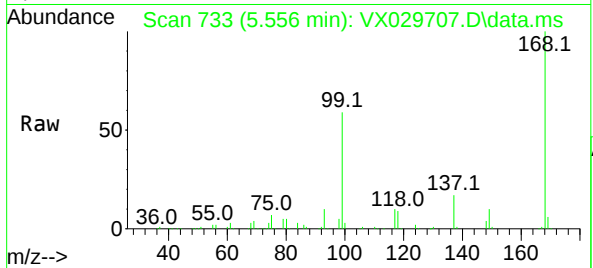




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

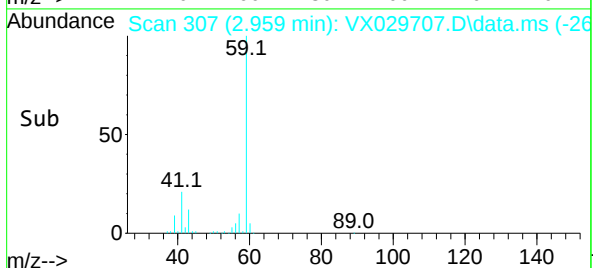
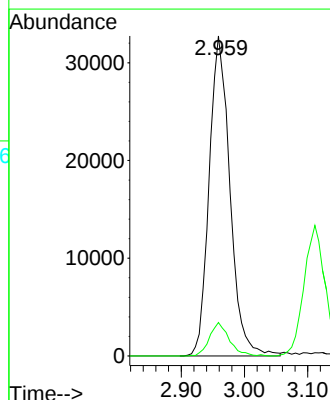
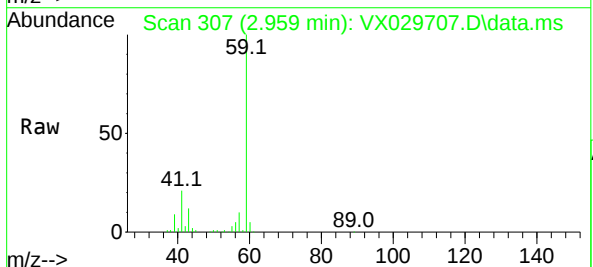
Instrument :
MSVOA_X
ClientSampleId :
MW-30RE

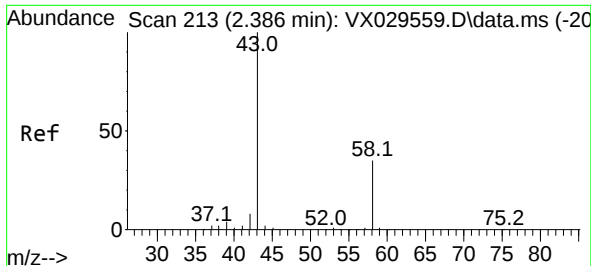
Tgt Ion:168 Resp: 271452
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 89.636 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

Tgt Ion: 59 Resp: 74838
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5





#16

Acetone

Concen: 1.993 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

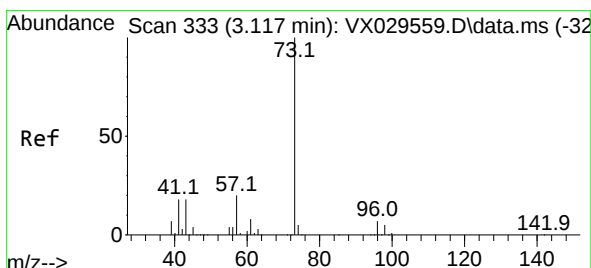
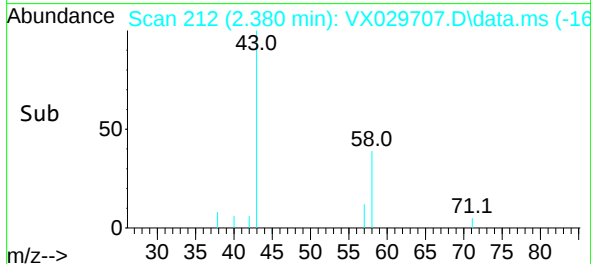
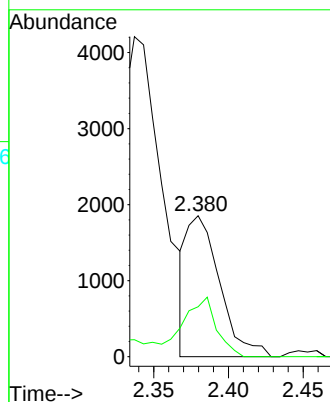
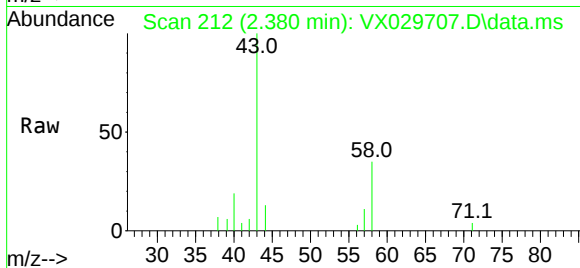
MW-30RE

Tgt Ion: 43 Resp: 2854

Ion Ratio Lower Upper

43 100

58 35.4 28.8 43.2



#19

Methyl tert-butyl Ether

Concen: 9.392 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX029707.D

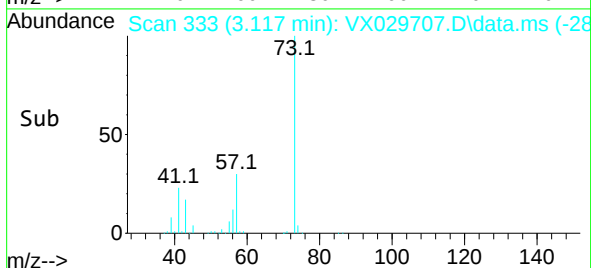
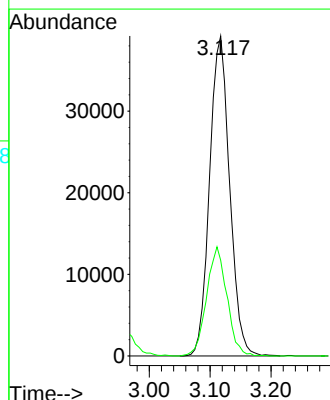
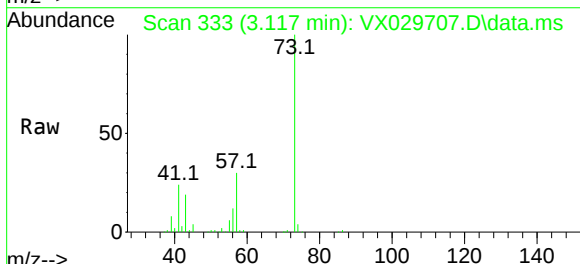
Acq: 22 Jun 2022 18:20

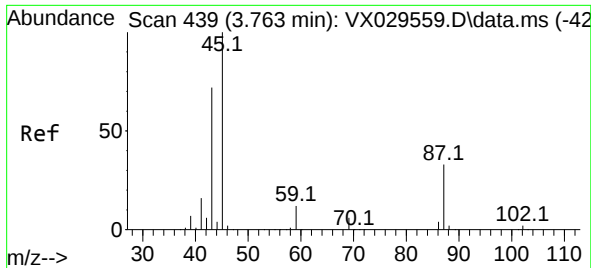
Tgt Ion: 73 Resp: 89666

Ion Ratio Lower Upper

73 100

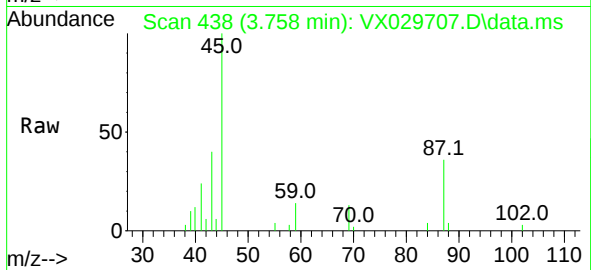
57 29.9 16.8 25.2#



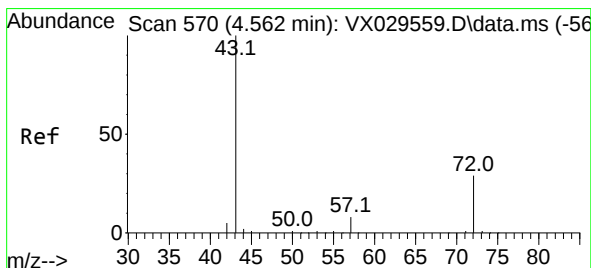
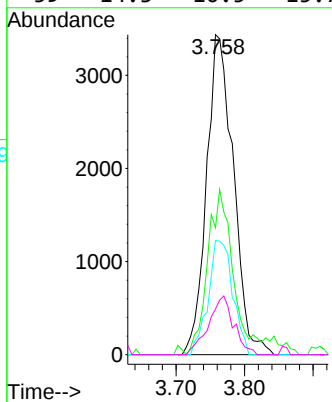
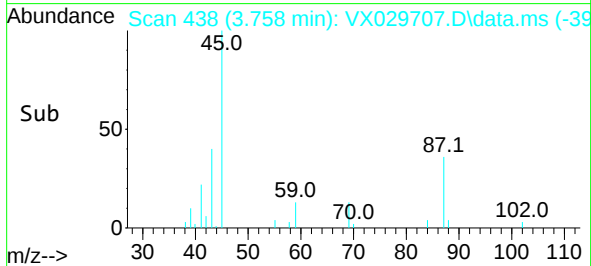


#22
Diisopropyl ether
Concen: 1.069 ug/l
RT: 3.758 min Scan# 41
Delta R.T. -0.005 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

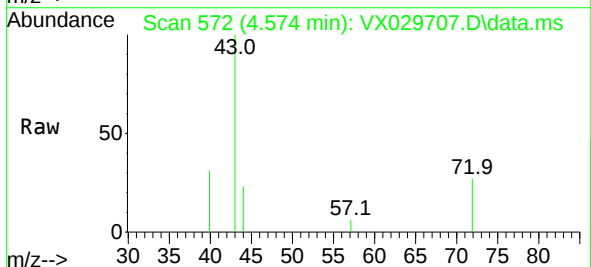
Instrument :
MSVOA_X
ClientSampleId :
MW-30RE



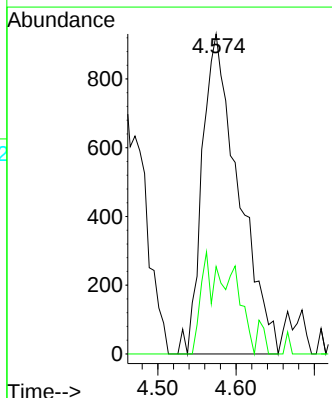
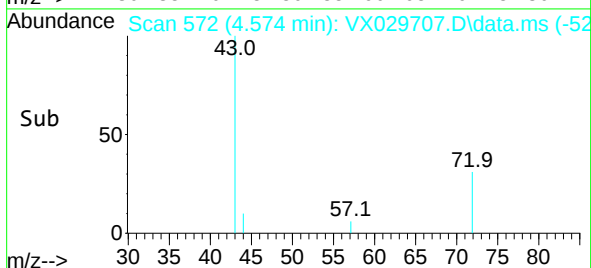
Tgt Ion: 45	Resp: 9387
Ion Ratio	Lower Upper
45	100
43	36.8 50.8 76.2#
87	35.7 26.6 39.8
59	14.3 10.5 15.7

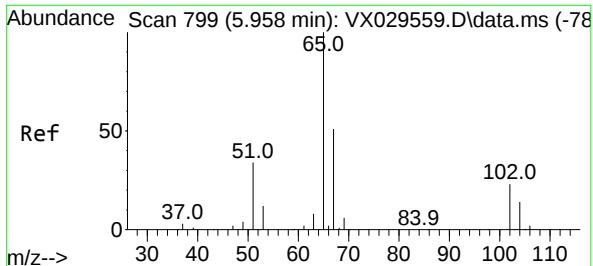


#25
2-Butanone
Concen: 1.325 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20



Tgt Ion: 43	Resp: 2999
Ion Ratio	Lower Upper
43	100
72	27.3 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 40.803 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

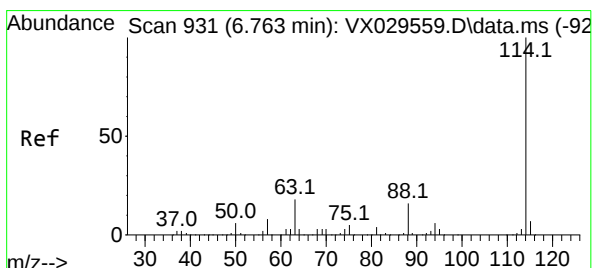
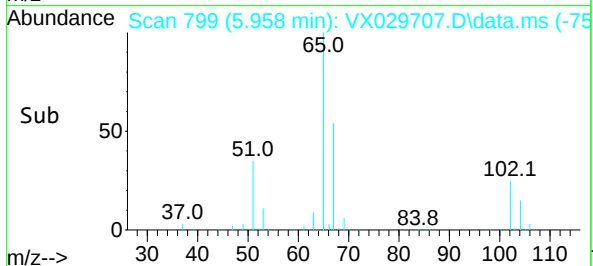
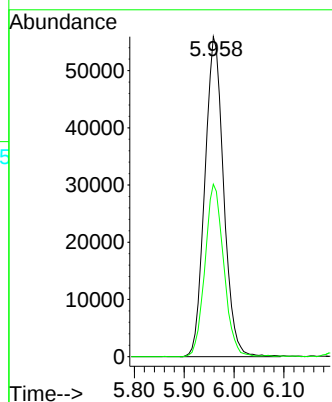
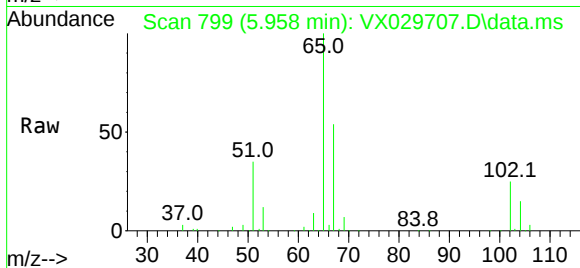
MW-30RE

Tgt Ion: 65 Resp: 146616

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

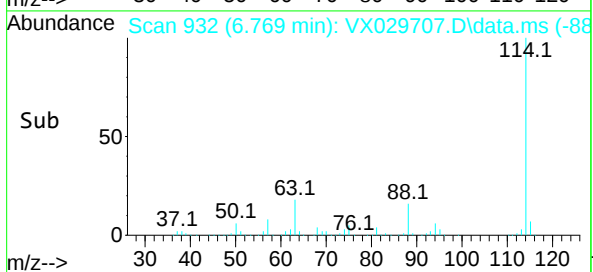
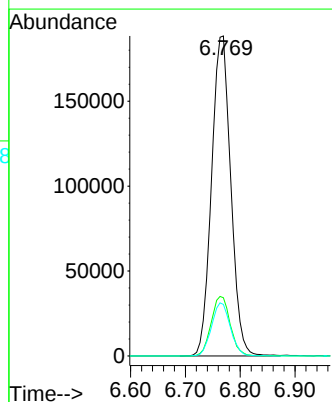
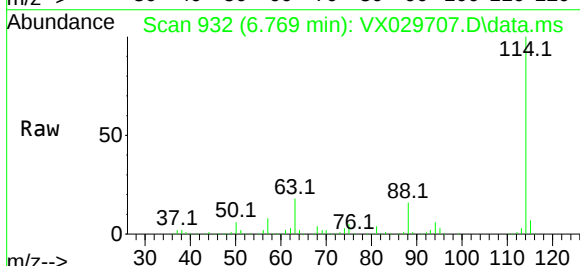
Tgt Ion: 114 Resp: 458467

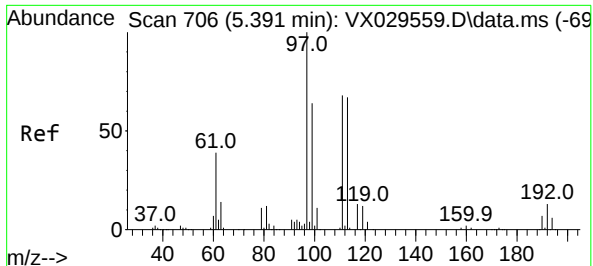
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.248 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

MW-30RE

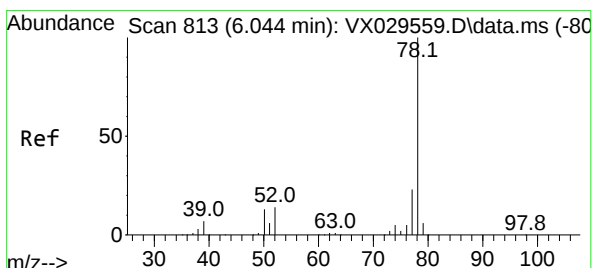
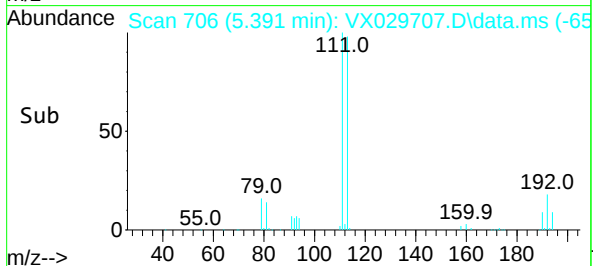
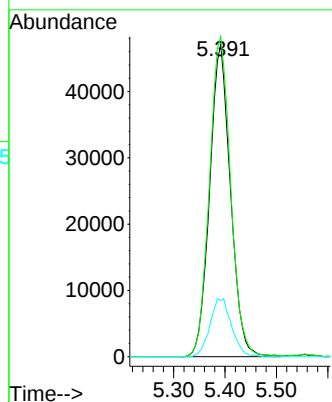
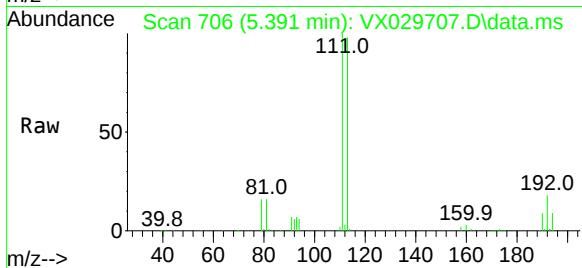
Tgt Ion:113 Resp: 132203

Ion Ratio Lower Upper

113 100

111 104.8 82.8 124.2

192 19.3 16.9 25.3



#40

Benzene

Concen: 0.641 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029707.D

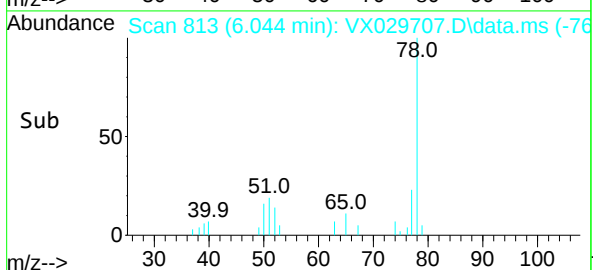
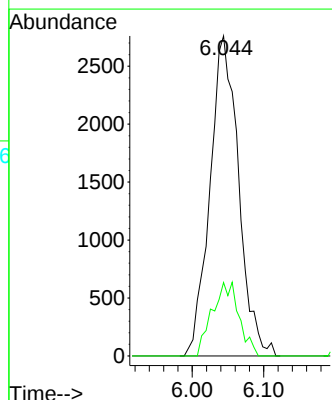
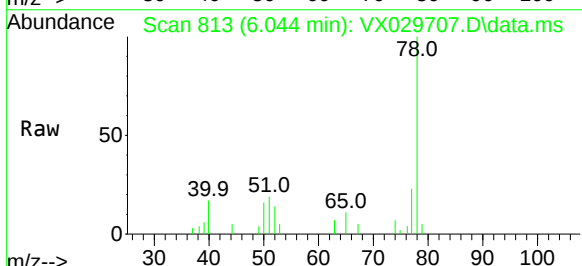
Acq: 22 Jun 2022 18:20

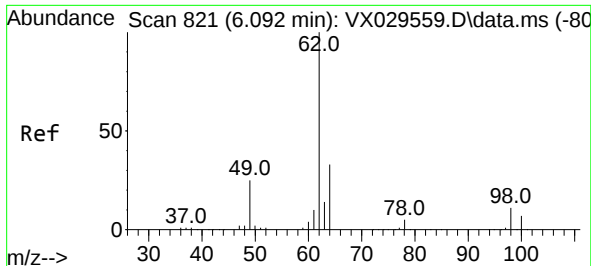
Tgt Ion: 78 Resp: 7680

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.587 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

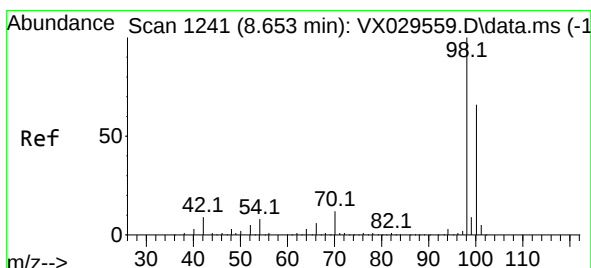
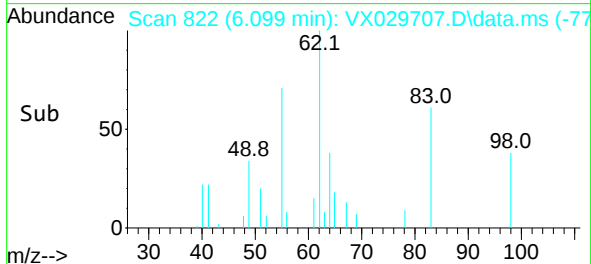
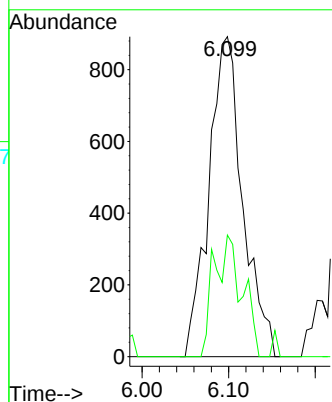
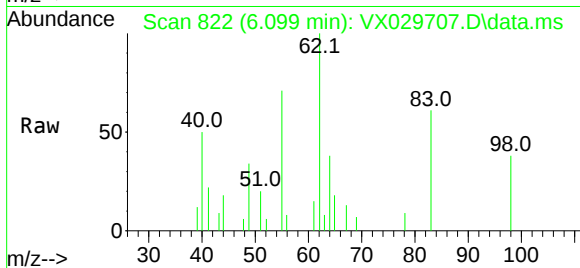
MW-30RE

Tgt Ion: 62 Resp: 2420

Ion Ratio Lower Upper

62 100

98 31.6 0.0 20.4#



#50

Toluene-d8

Concen: 47.535 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029707.D

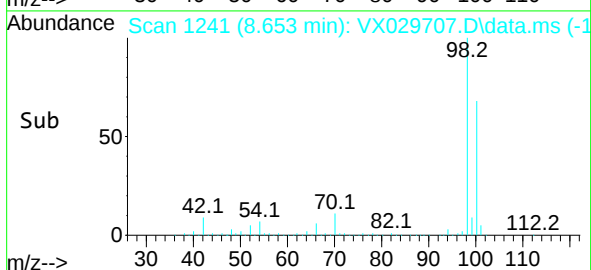
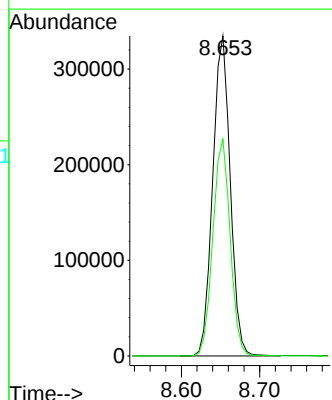
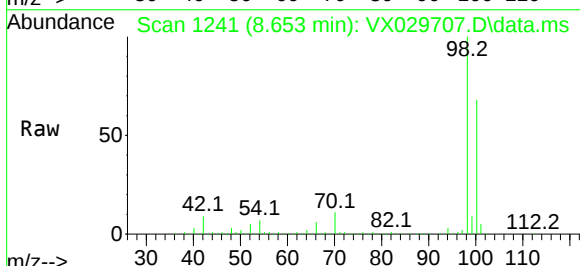
Acq: 22 Jun 2022 18:20

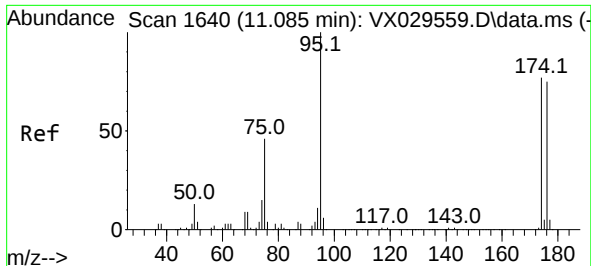
Tgt Ion: 98 Resp: 518841

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 46.417 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

Instrument :

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MW-30RE

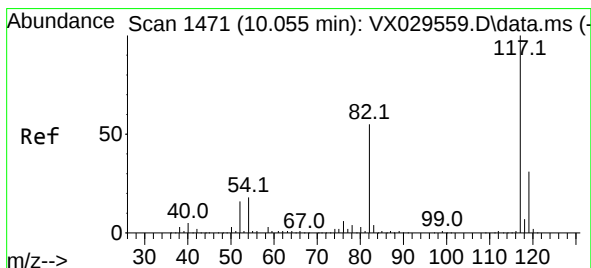
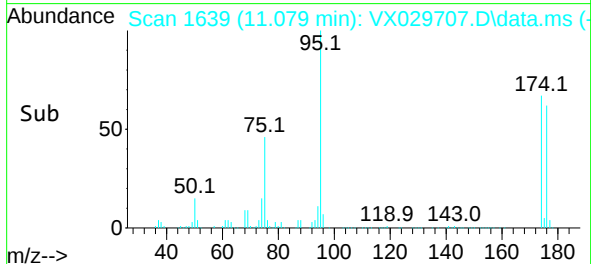
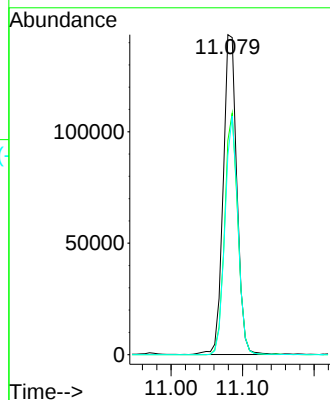
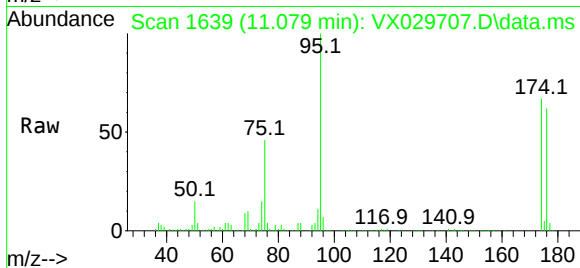
Tgt Ion: 95 Resp: 191058

Ion Ratio Lower Upper

95 100

174 72.3 0.0 163.0

176 70.9 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: VX029707.D

Acq: 22 Jun 2022 18:20

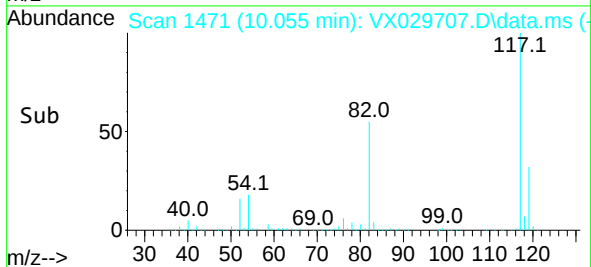
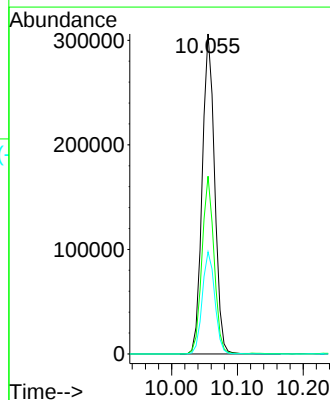
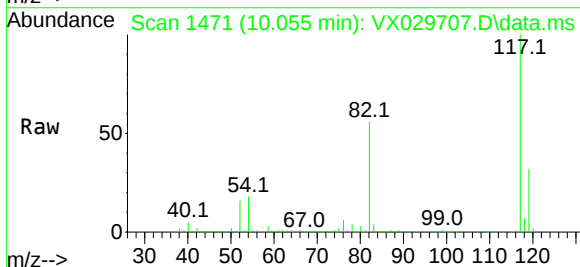
Tgt Ion: 117 Resp: 401161

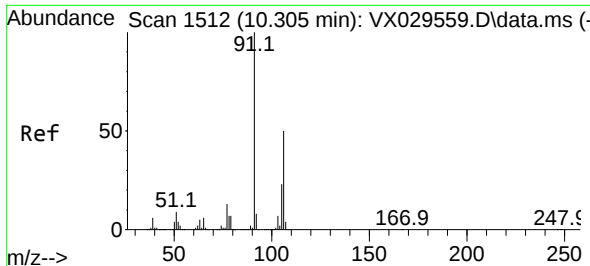
Ion Ratio Lower Upper

117 100

82 55.5 41.8 62.8

119 31.9 24.8 37.2

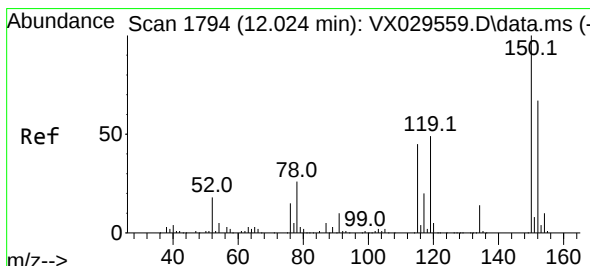
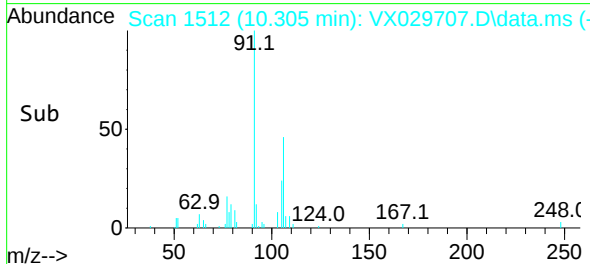
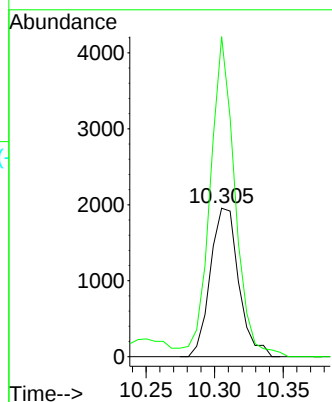
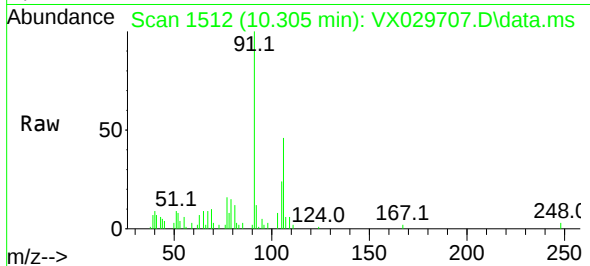




#68
m/p-Xylenes
Concen: 0.510 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

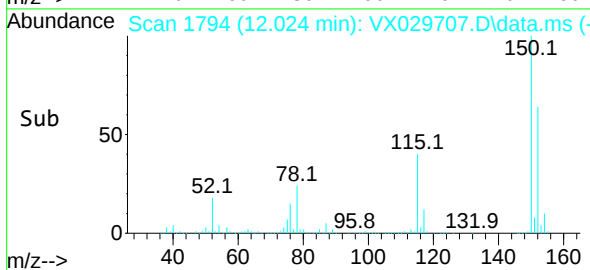
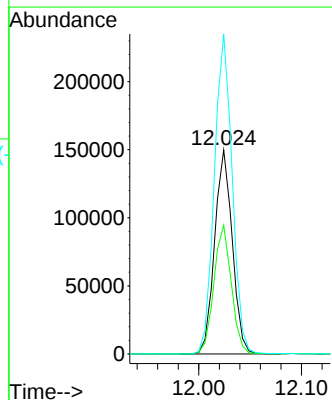
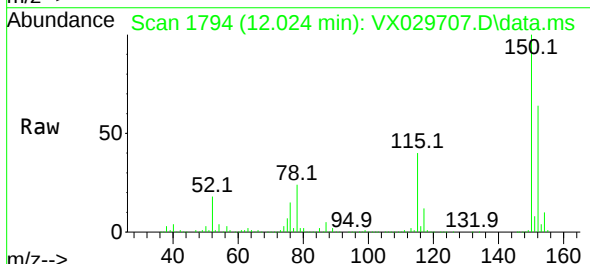
Instrument :
MSVOA_X
ClientSampleId :
MW-30RE

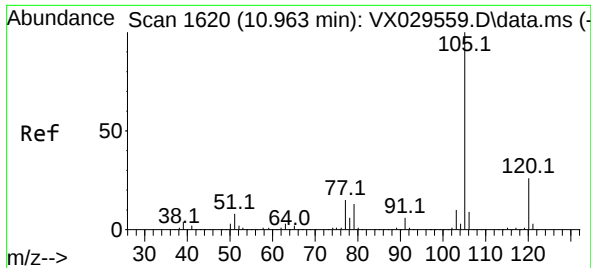
Tgt Ion:106 Resp: 2814
Ion Ratio Lower Upper
106 100
91 187.6 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

Tgt Ion:152 Resp: 178894
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.6 0.0 338.2

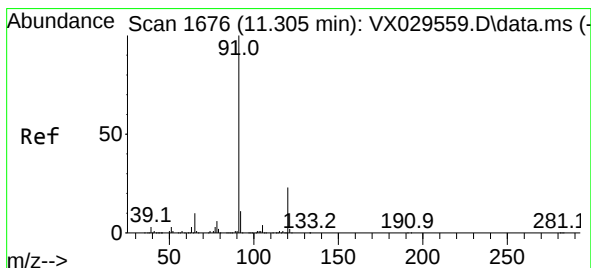
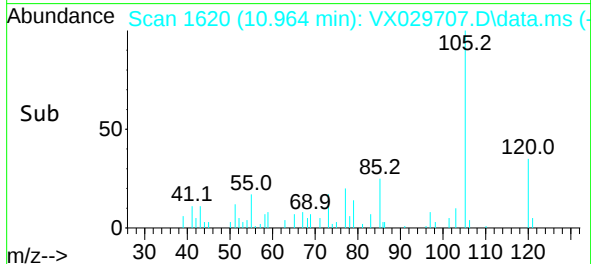
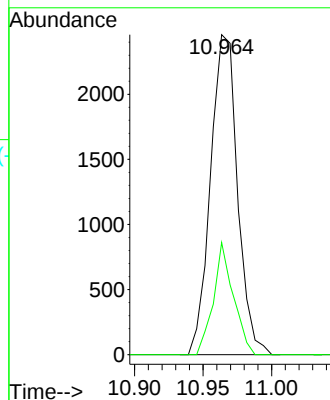
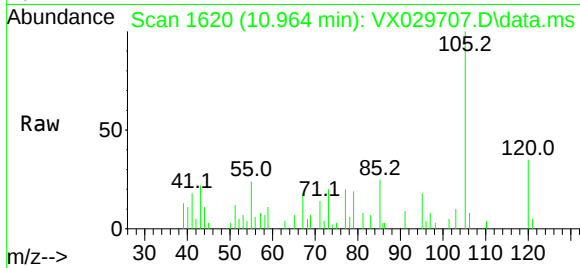




#73
Isopropylbenzene
Concen: 0.251 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

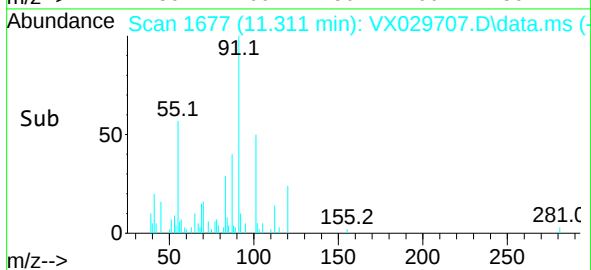
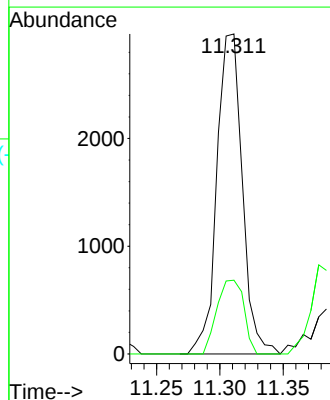
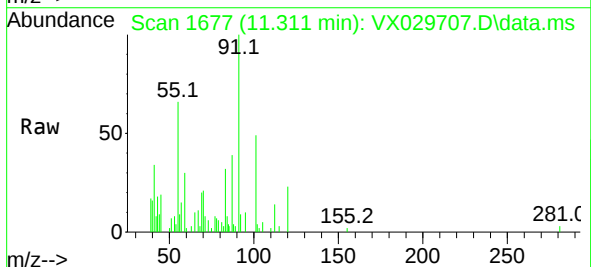
Instrument :
MSVOA_X
ClientSampleId :
MW-30RE

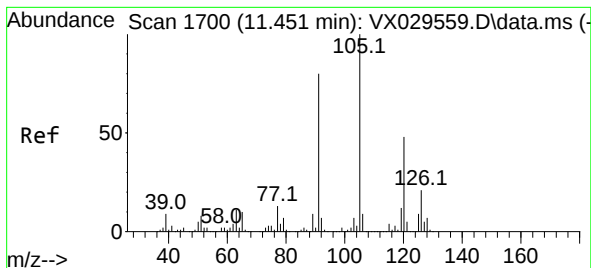
Tgt Ion:105 Resp: 3366
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5



#78
n-propylbenzene
Concen: 0.275 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

Tgt Ion: 91 Resp: 4147
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 0.533 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

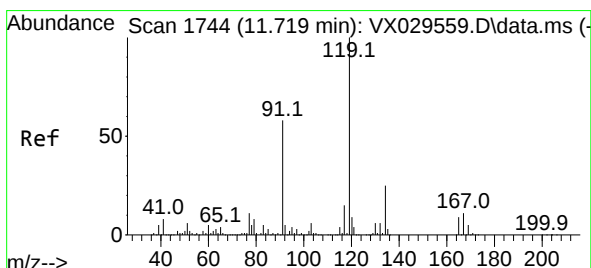
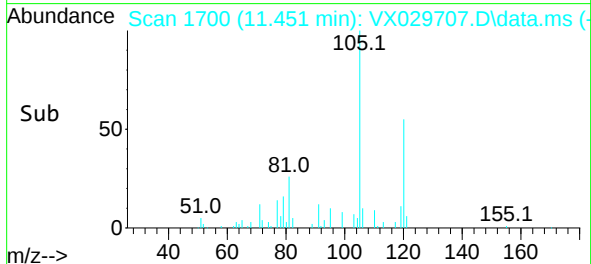
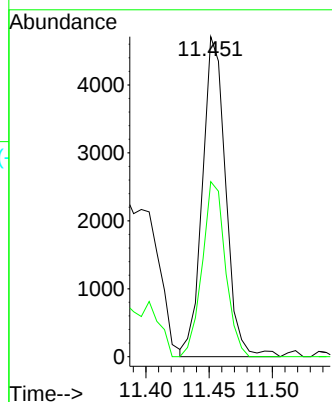
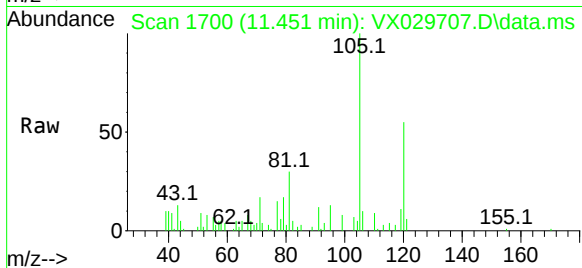
MW-30RE

Tgt Ion:105 Resp: 6024

Ion Ratio Lower Upper

105 100

120 54.5 24.3 72.9



#83

tert-Butylbenzene

Concen: 0.233 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX029707.D

Acq: 22 Jun 2022 18:20

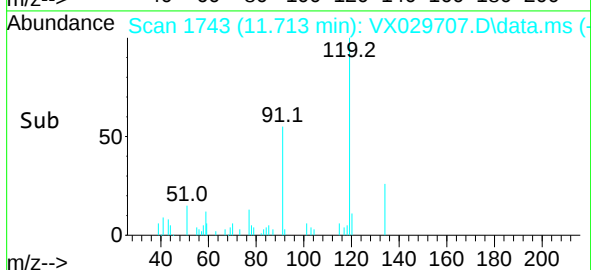
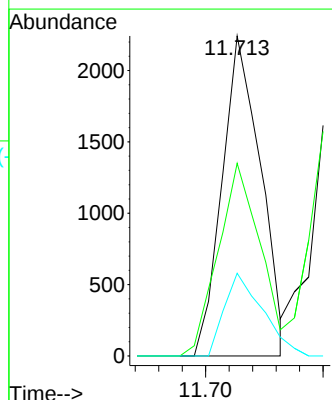
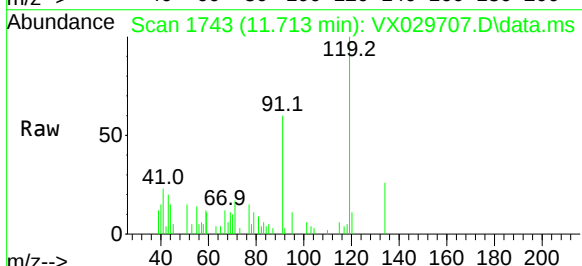
Tgt Ion:119 Resp: 2561

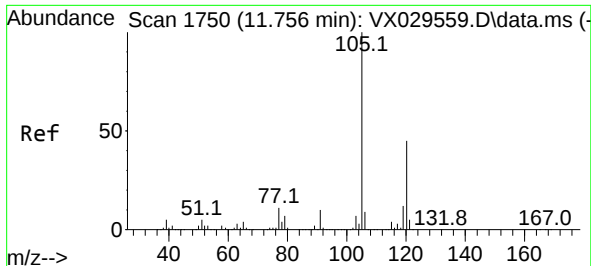
Ion Ratio Lower Upper

119 100

91 65.6 26.9 80.6

134 25.8 11.4 34.2

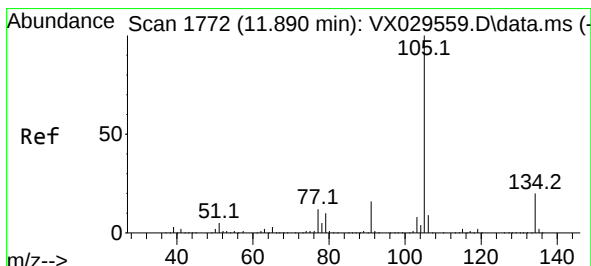
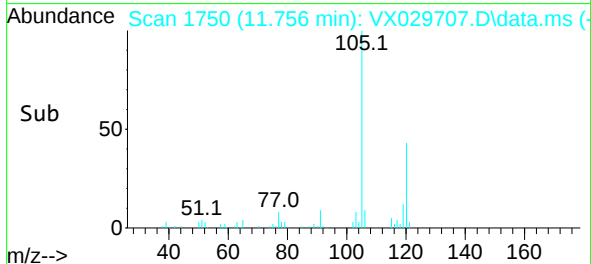
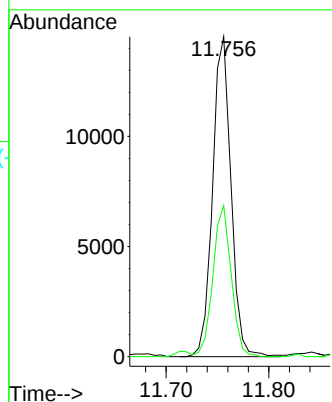
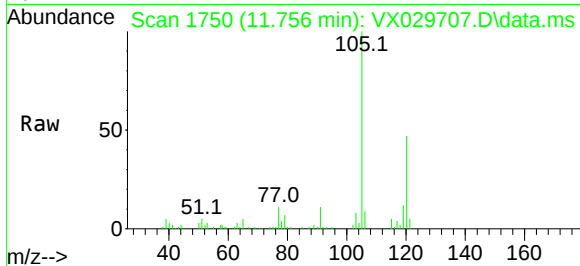




#84
1,2,4-Trimethylbenzene
Concen: 1.601 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.000 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

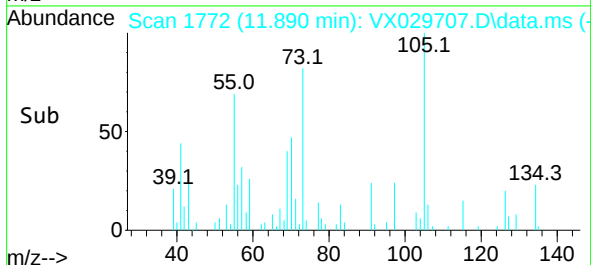
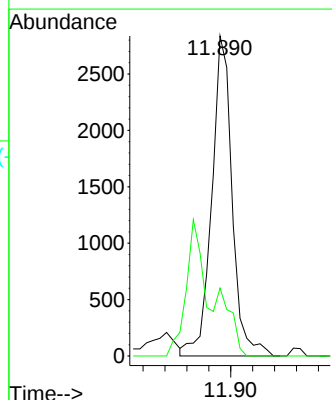
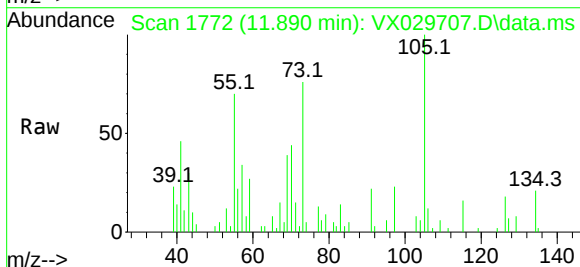
Instrument :
MSVOA_X
ClientSampleId :
MW-30RE

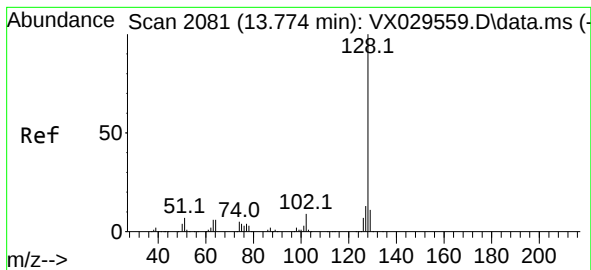
Tgt Ion:105 Resp: 18036
Ion Ratio Lower Upper
105 100
120 46.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.269 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029707.D
Acq: 22 Jun 2022 18:20

Tgt Ion:105 Resp: 3667
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95

Naphthalene

Concen: 0.785 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029707.D

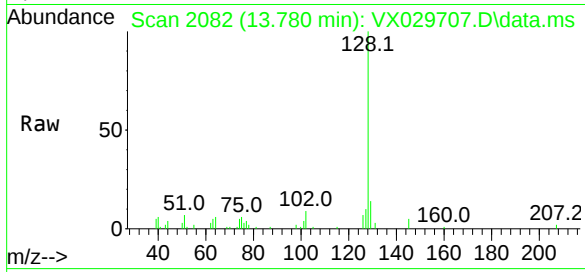
Acq: 22 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

MW-30RE



Tgt Ion:128 Resp: 9856

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.3 8.7 13.1

