

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029585.D
 Acq On : 18 Jun 2022 21:15
 Operator : JC/MD
 Sample : N3290-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

Quant Time: Jun 20 01:37:26 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)

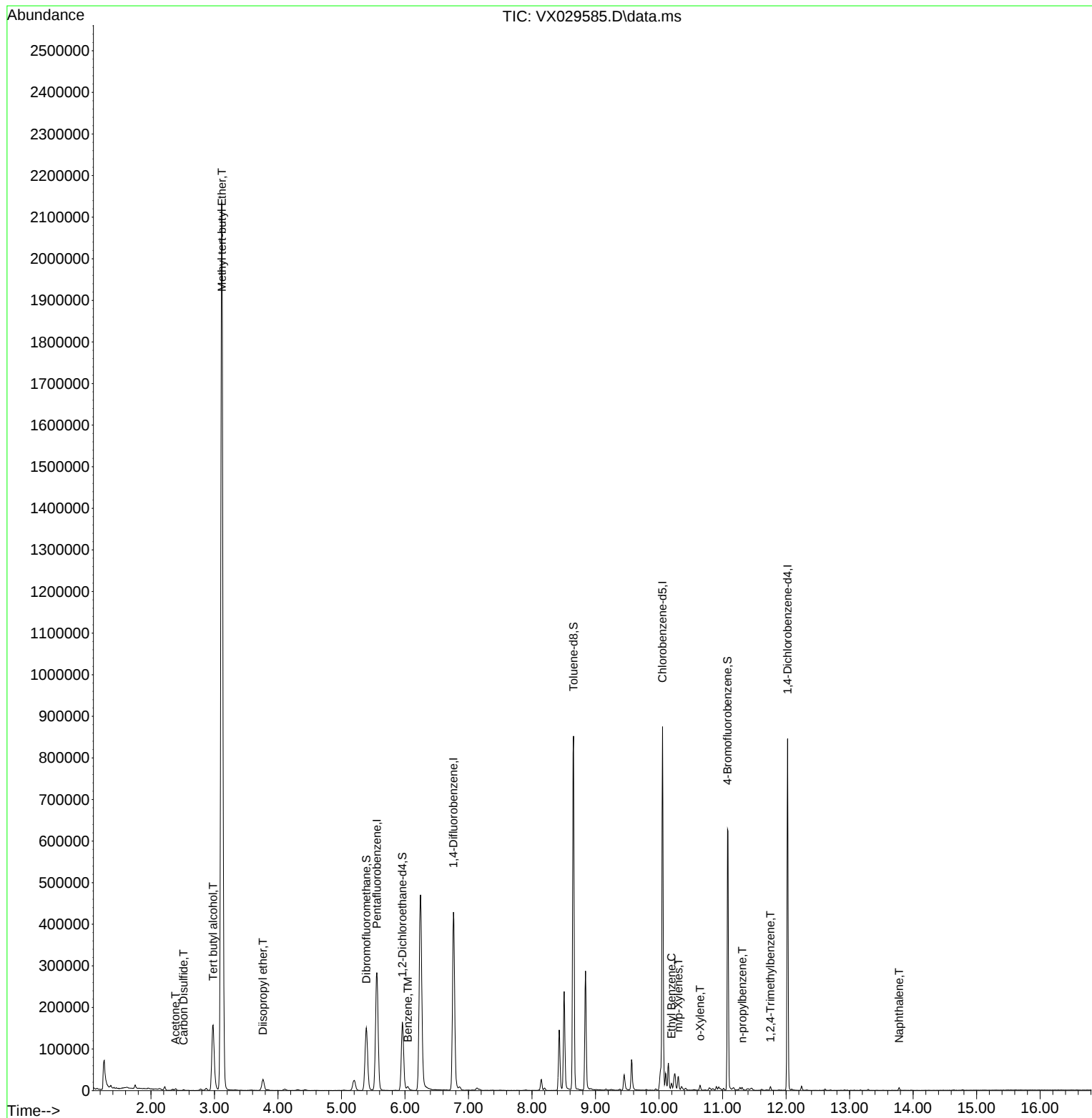
Internal Standards						
1) Pentafluorobenzene	5.556	168	272600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156712	43.429	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.860%
35) Dibromofluoromethane	5.391	113	136536	45.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.653	98	523550	48.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	186015	45.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	249288	319.590	ug/l	99
16) Acetone	2.386	43	4702	3.269	ug/l	92
17) Carbon Disulfide	2.514	76	2563	0.358	ug/l #	91
19) Methyl tert-butyl Ether	3.117	73	2583113	269.416	ug/l	100
22) Diisopropyl ether	3.763	45	28437	3.224	ug/l #	89
40) Benzene	6.043	78	10054	0.842	ug/l	94
67) Ethyl Benzene	10.195	91	8534	0.614	ug/l	89
68) m/p-Xylenes	10.305	106	7313	1.349	ug/l	91
69) o-Xylene	10.646	106	1902	0.355	ug/l	98
78) n-propylbenzene	11.311	91	3350	0.233	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	4136	0.386	ug/l	95
95) Naphthalene	13.780	128	4274	0.358	ug/l #	94

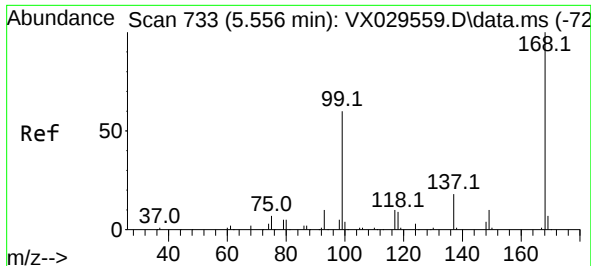
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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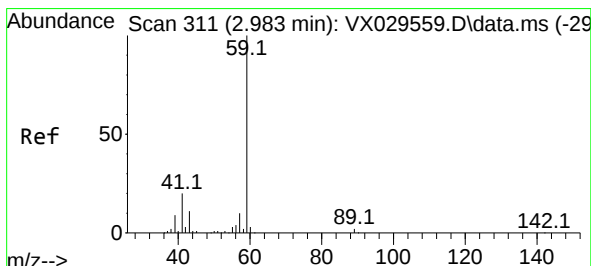
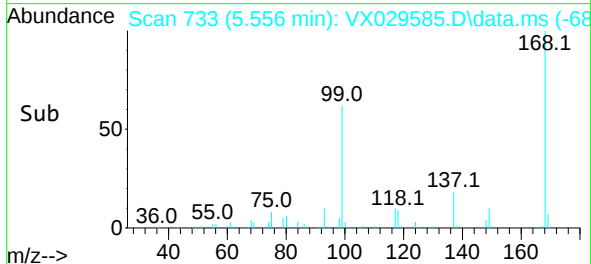
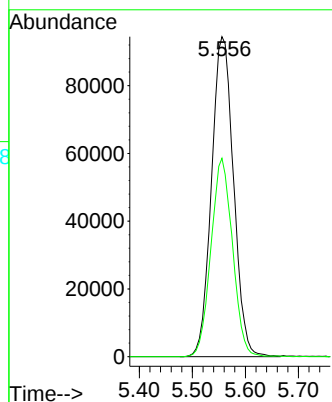
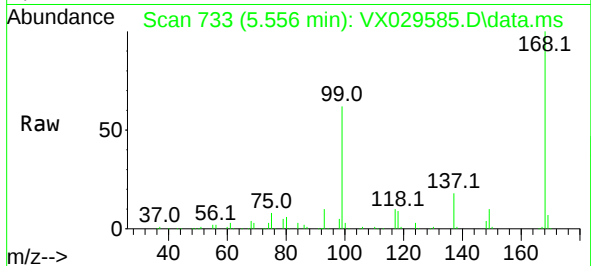




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

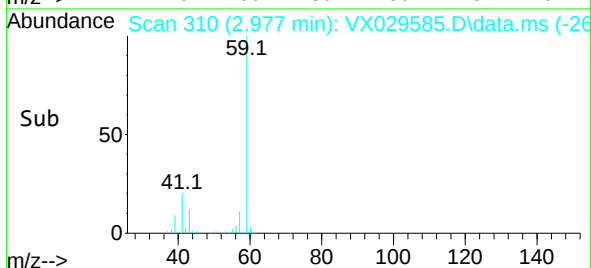
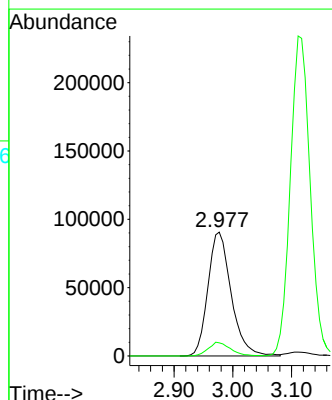
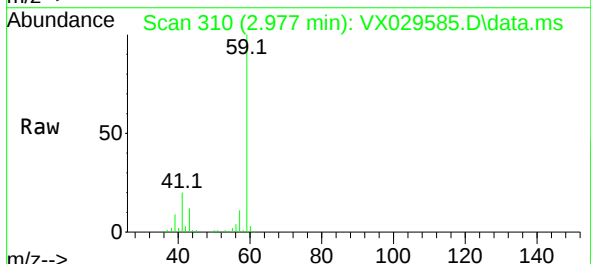
Instrument :
MSVOA_X
ClientSampleId :
MW-19

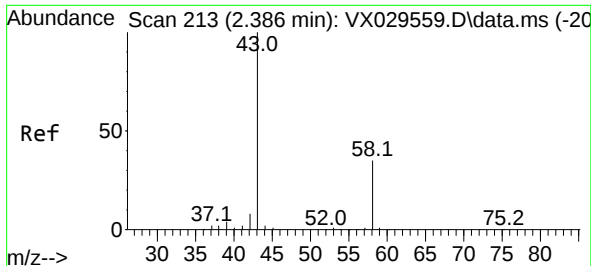
Tgt Ion:168 Resp: 272600
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#11
Tert butyl alcohol
Concen: 319.590 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion: 59 Resp: 249288
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

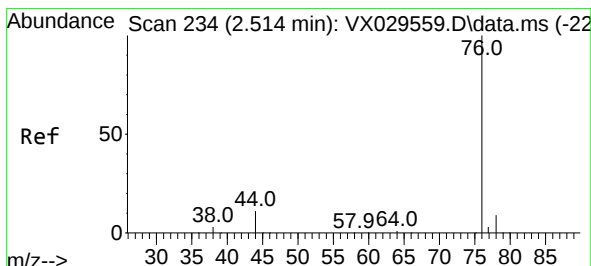
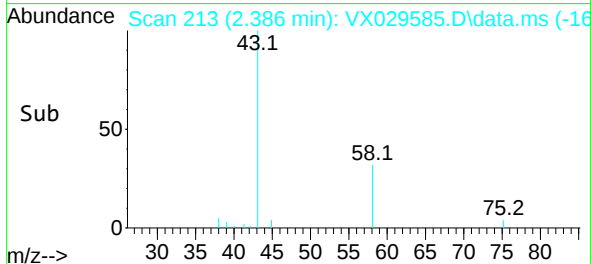
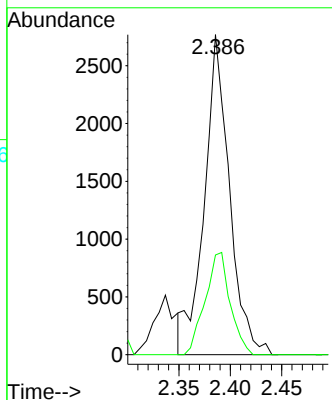
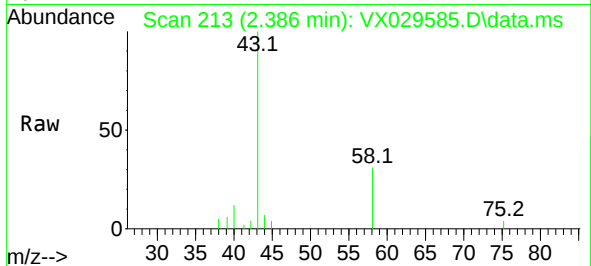




#16
Acetone
Concen: 3.269 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

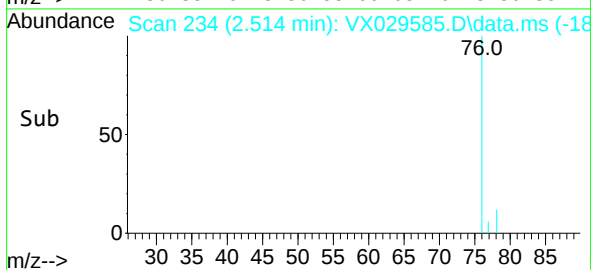
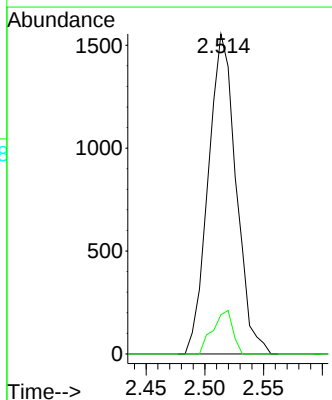
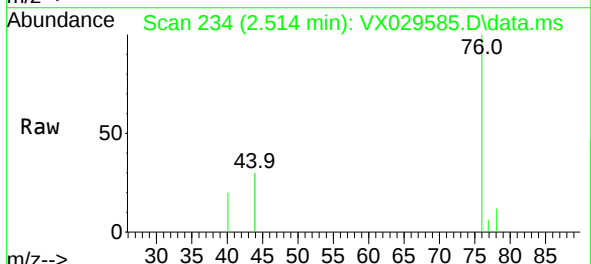
Instrument : MSVOA_X
ClientSampleId : MW-19

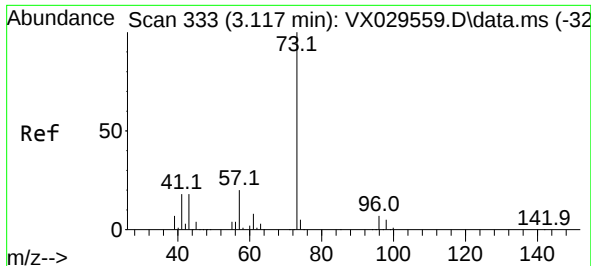
Tgt Ion: 43 Resp: 4702
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2



#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion: 76 Resp: 2563
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#

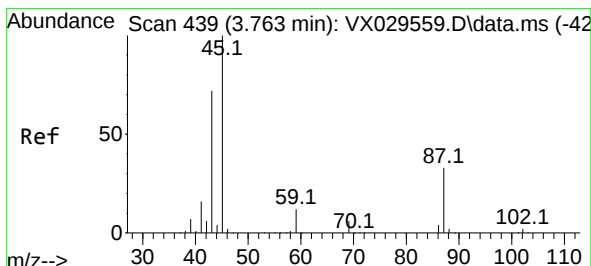
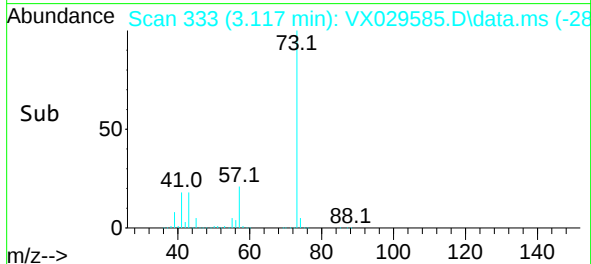
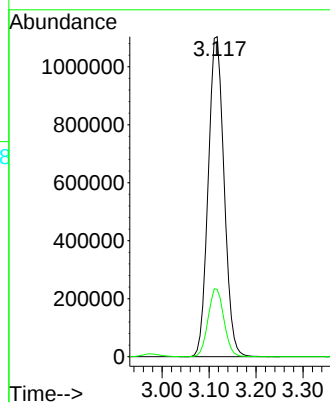
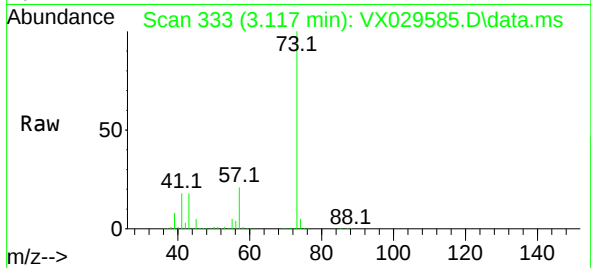




#19
Methyl tert-butyl Ether
Concen: 269.416 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

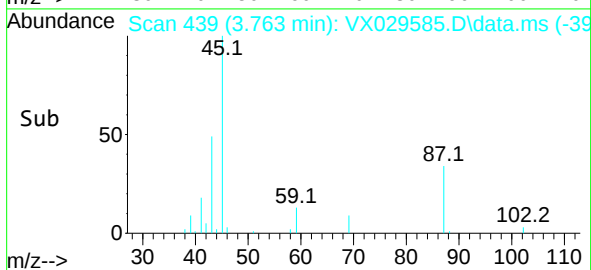
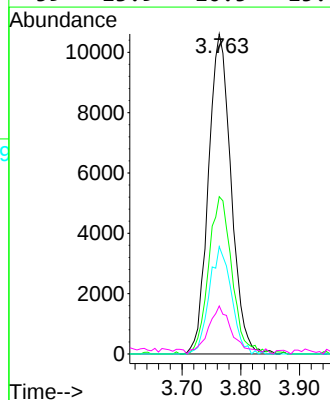
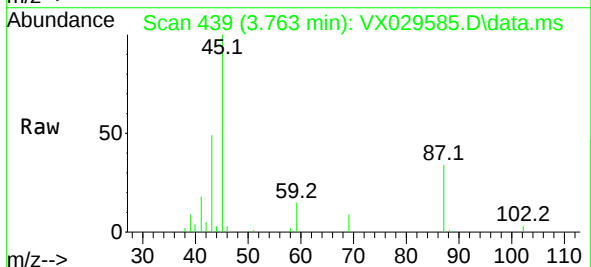
Instrument :
MSVOA_X
ClientSampleId :
MW-19

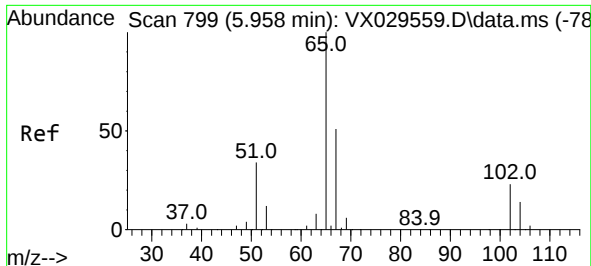
Tgt Ion: 73 Resp: 2583113
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



#22
Diisopropyl ether
Concen: 3.224 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion: 45 Resp: 28437
Ion Ratio Lower Upper
45 100
43 49.2 50.8 76.2#
87 33.6 26.6 39.8
59 13.9 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 43.429 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029585.D

Acq: 18 Jun 2022 21:15

Instrument :

MSVOA_X

ClientSampleId :

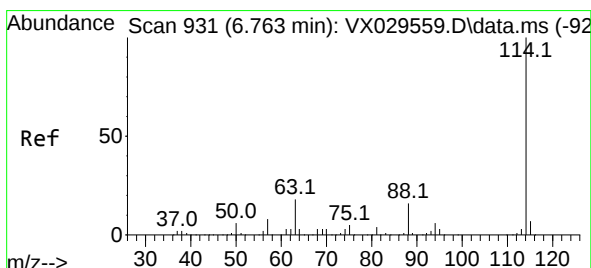
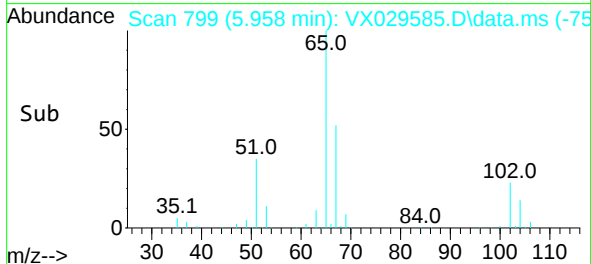
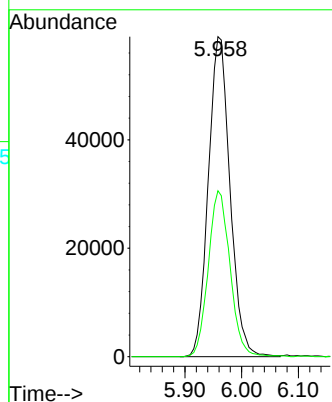
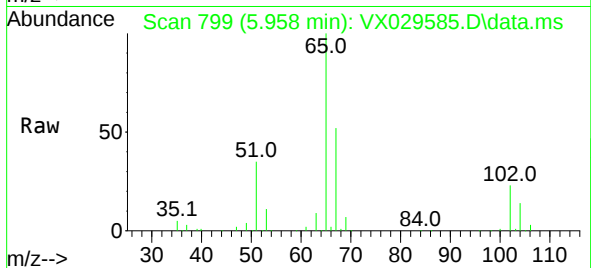
MW-19

Tgt Ion: 65 Resp: 156712

Ion Ratio Lower Upper

65 100

67 52.1 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: VX029585.D

Acq: 18 Jun 2022 21:15

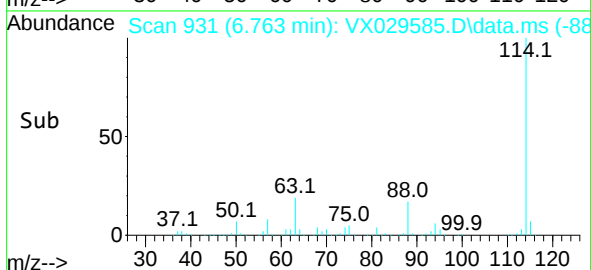
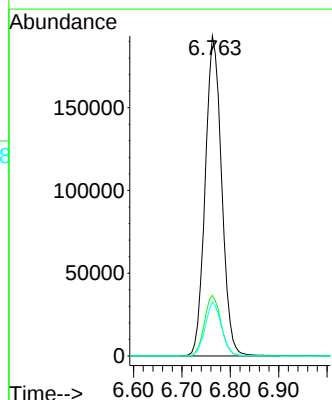
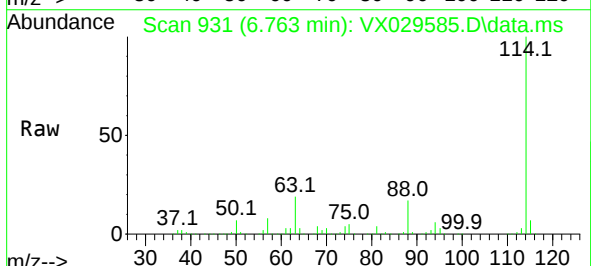
Tgt Ion: 114 Resp: 456598

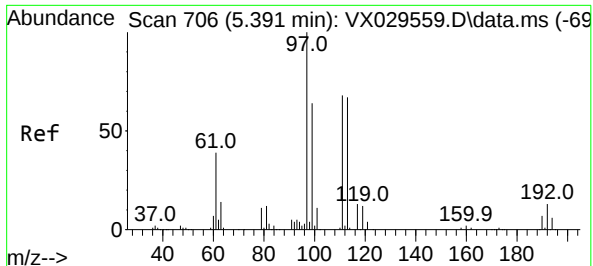
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.885 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029585.D

Acq: 18 Jun 2022 21:15

Instrument :

MSVOA_X

ClientSampleId :

MW-19

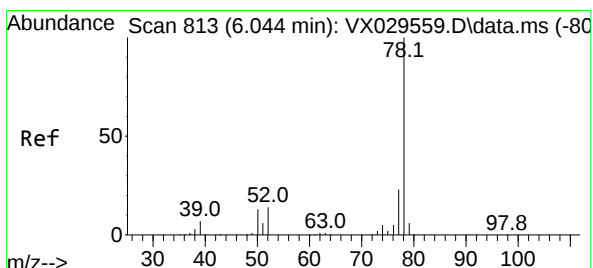
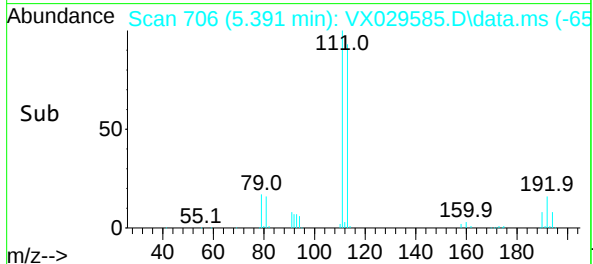
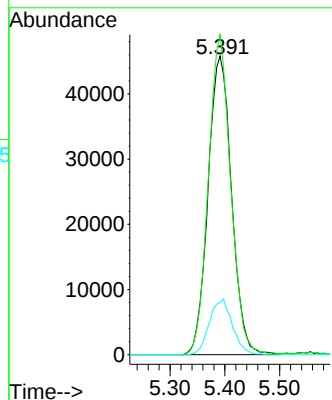
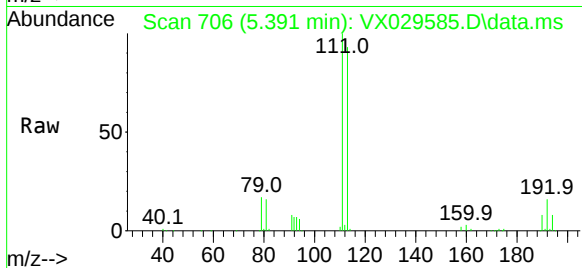
Tgt Ion:113 Resp: 136536

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.2 16.9 25.3



#40

Benzene

Concen: 0.842 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX029585.D

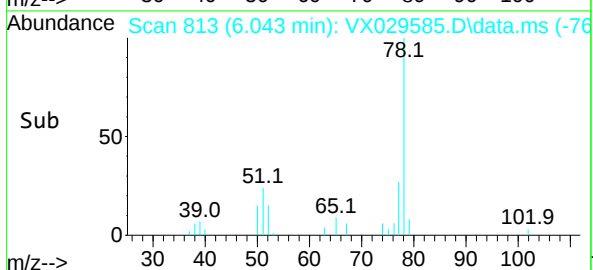
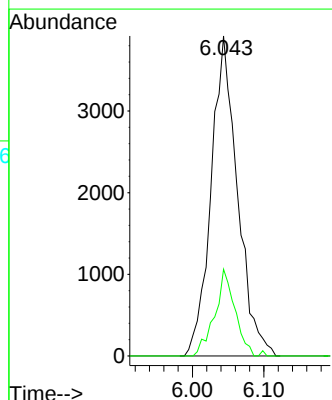
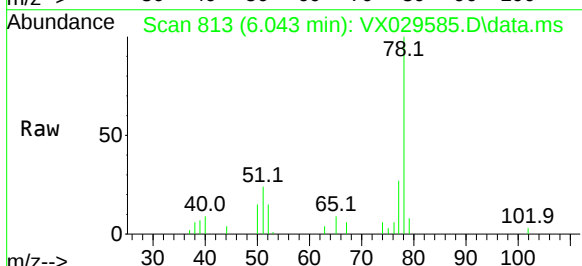
Acq: 18 Jun 2022 21:15

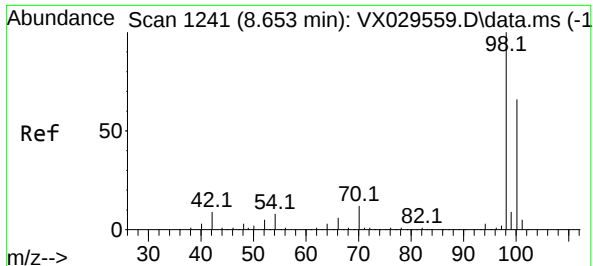
Tgt Ion: 78 Resp: 10054

Ion Ratio Lower Upper

78 100

77 27.1 19.3 28.9





#50

Toluene-d8

Concen: 48.163 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029585.D

Acq: 18 Jun 2022 21:15

Instrument :

MSVOA_X

ClientSampleId :

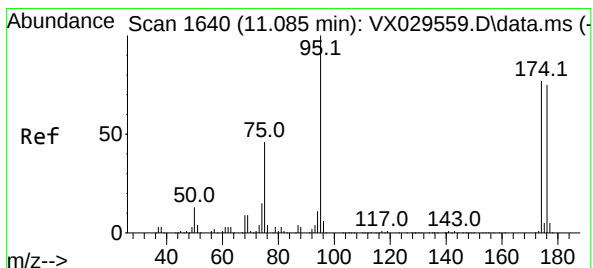
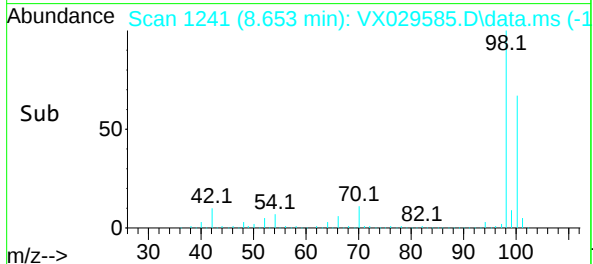
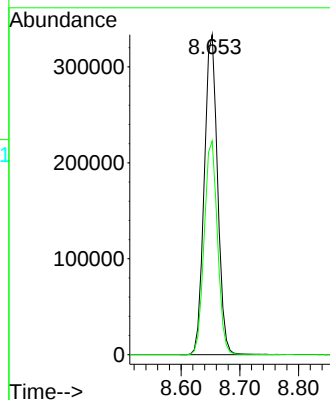
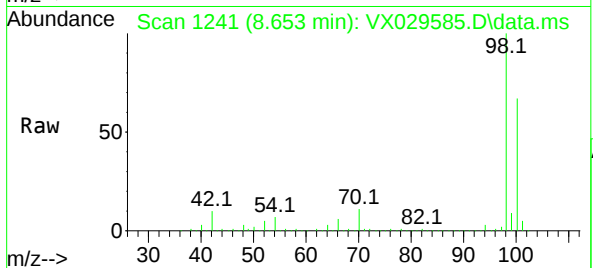
MW-19

Tgt Ion: 98 Resp: 523550

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.377 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029585.D

Acq: 18 Jun 2022 21:15

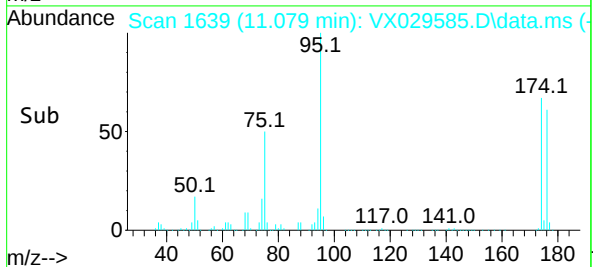
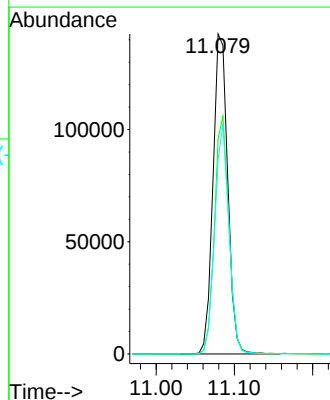
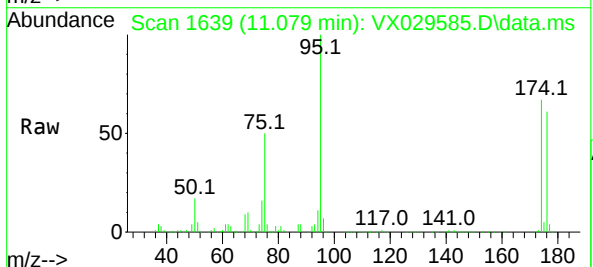
Tgt Ion: 95 Resp: 186015

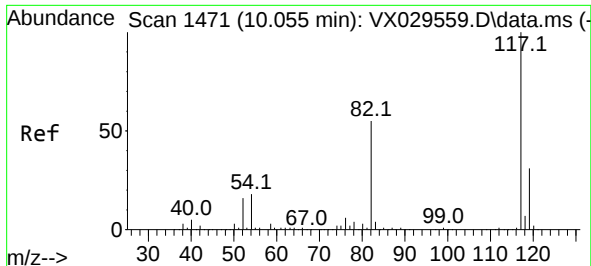
Ion Ratio Lower Upper

95 100

174 72.4 0.0 163.0

176 69.6 0.0 155.0

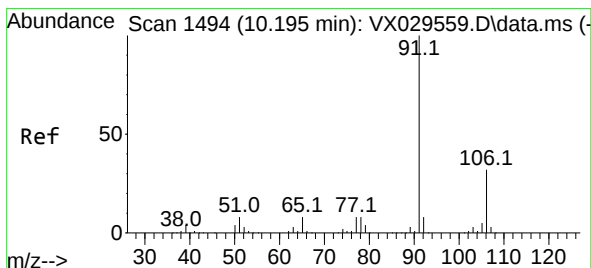
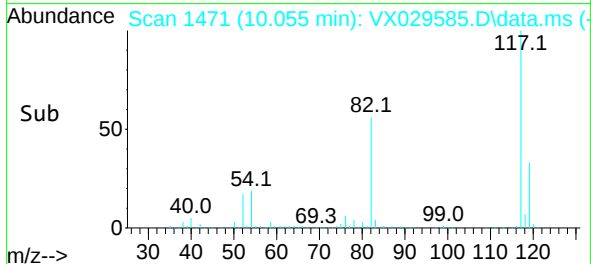
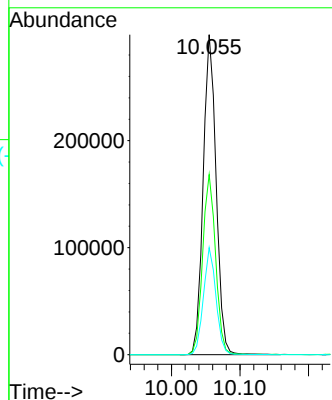
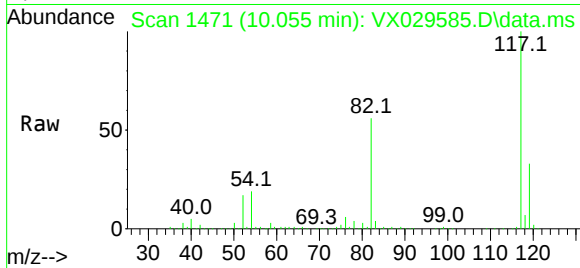




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

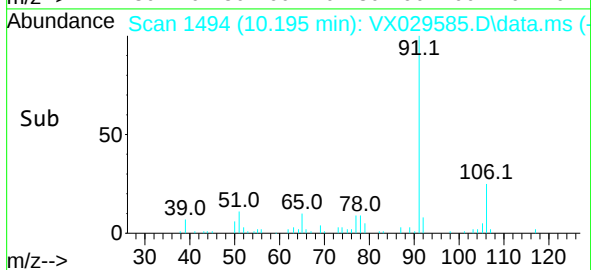
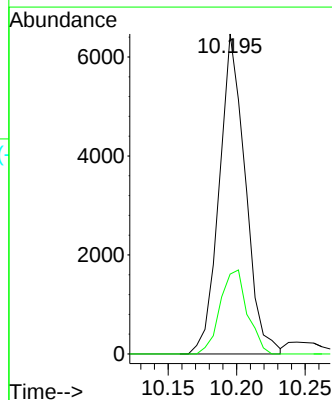
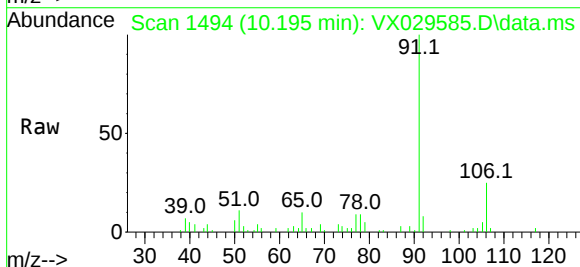
Instrument :
MSVOA_X
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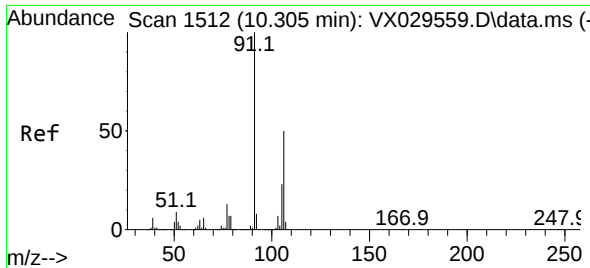
Tgt Ion:117 Resp: 393707
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 33.4 24.8 37.2



#67
Ethyl Benzene
Concen: 0.614 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion: 91 Resp: 8534
Ion Ratio Lower Upper
91 100
106 24.9 24.6 36.8

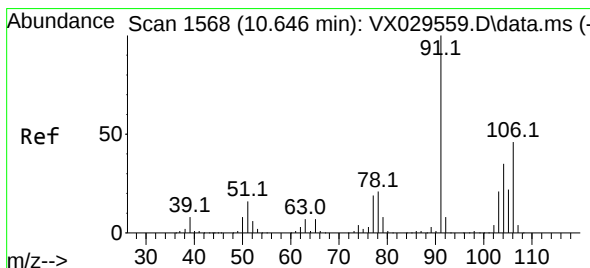
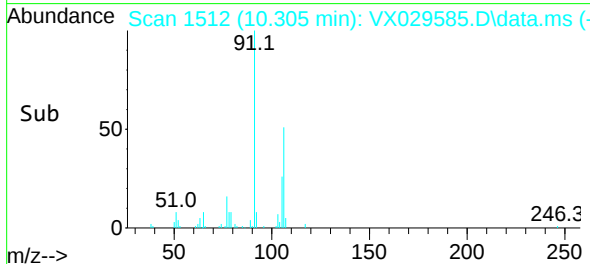
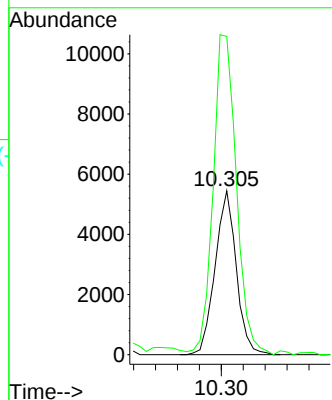
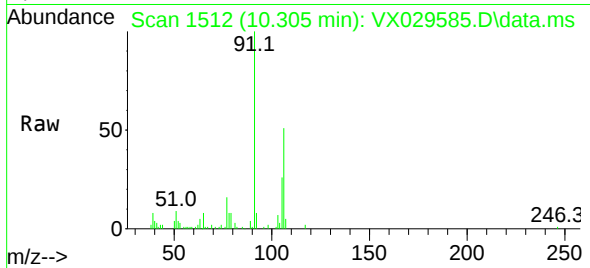




#68
m/p-Xylenes
Concen: 1.349 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

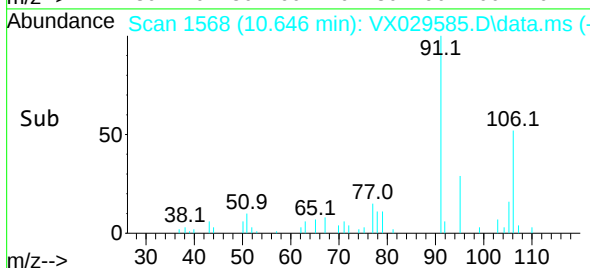
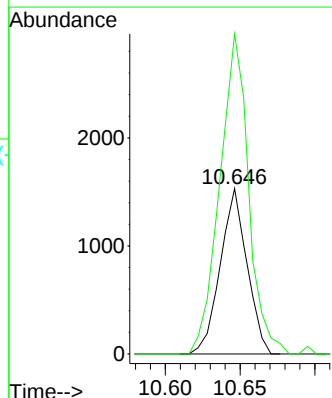
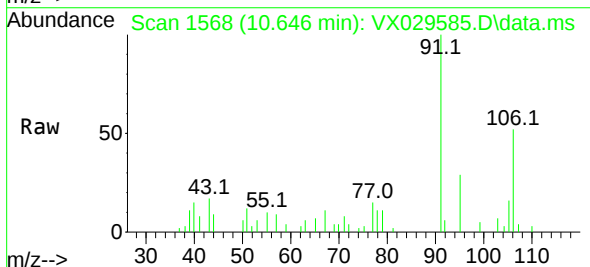
Instrument :
MSVOA_X
ClientSampleId :
MW-19

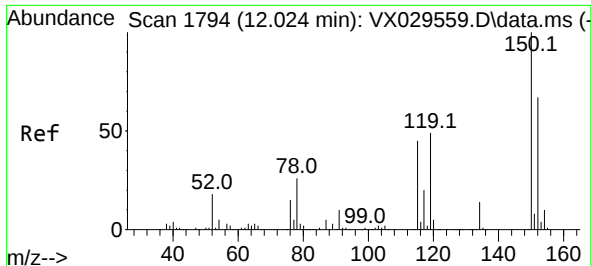
Tgt Ion:106 Resp: 7313
Ion Ratio Lower Upper
106 100
91 214.3 160.4 240.6



#69
o-Xylene
Concen: 0.355 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion:106 Resp: 1902
Ion Ratio Lower Upper
106 100
91 209.4 106.1 318.1

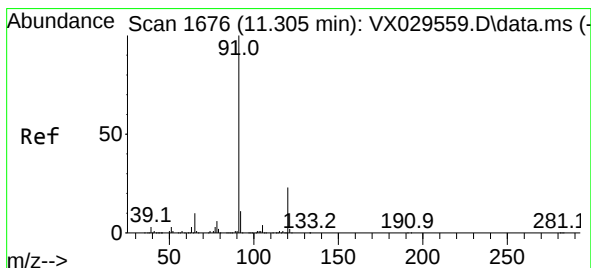
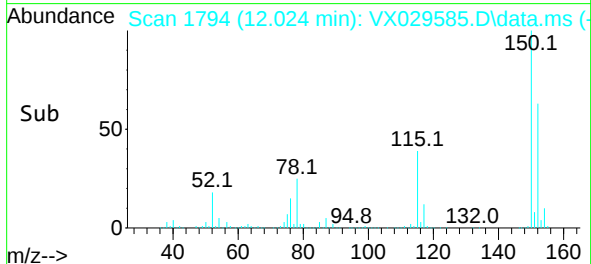
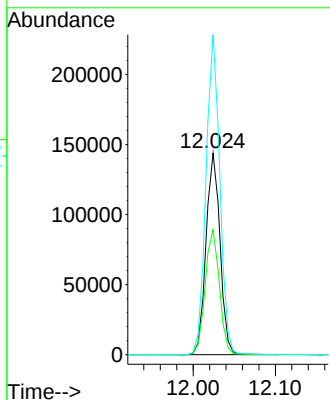
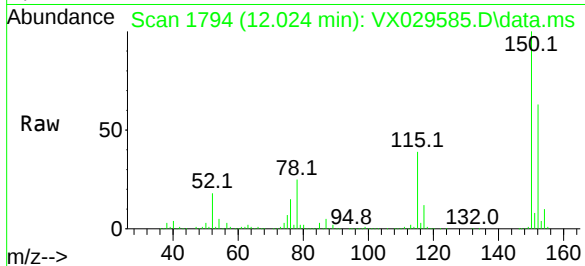




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

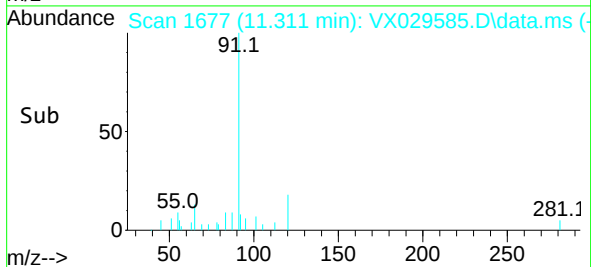
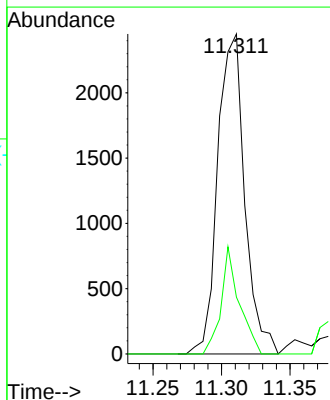
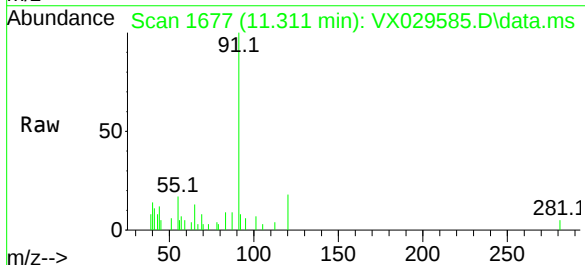
Instrument :
MSVOA_X
ClientSampleId :
MW-19

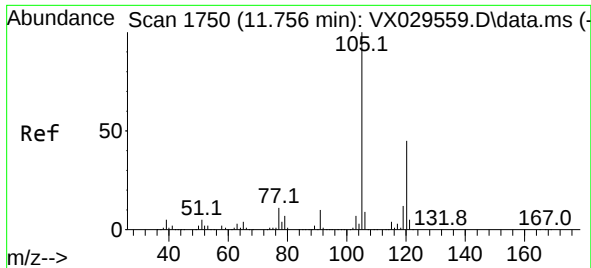
Tgt Ion:152 Resp: 170347
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 156.7 0.0 338.2



#78
n-propylbenzene
Concen: 0.233 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion: 91 Resp: 3350
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8

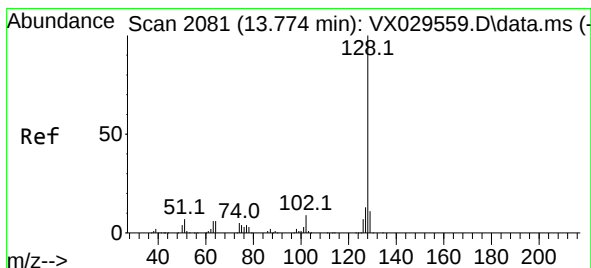
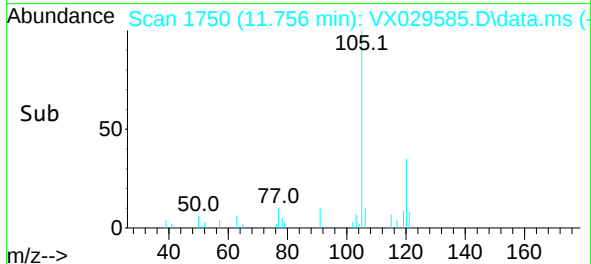
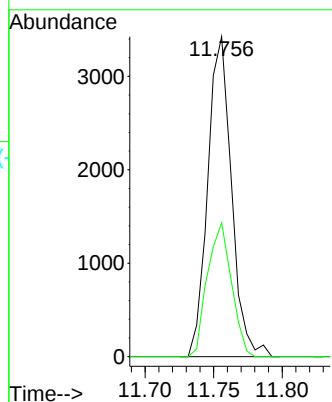
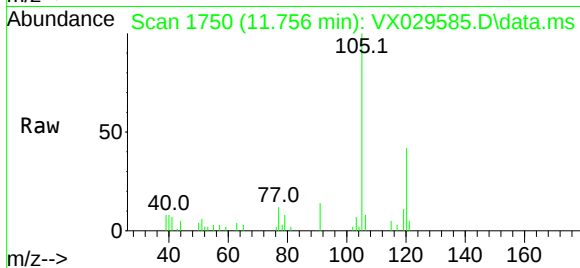




#84
1,2,4-Trimethylbenzene
Concen: 0.386 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Instrument :
MSVOA_X
ClientSampleId :
MW-19

Tgt Ion:105 Resp: 4136
Ion Ratio Lower Upper
105 100
120 42.2 22.6 67.8



#95
Naphthalene
Concen: 0.358 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029585.D
Acq: 18 Jun 2022 21:15

Tgt Ion:128 Resp: 4274
Ion Ratio Lower Upper
128 100
127 16.5 10.2 15.4#
129 12.0 8.7 13.1

