

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031180.D
 Acq On : 07 Sep 2022 23:29
 Operator : JC/MD
 Sample : N4355-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31DL

Quant Time: Sep 08 00:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

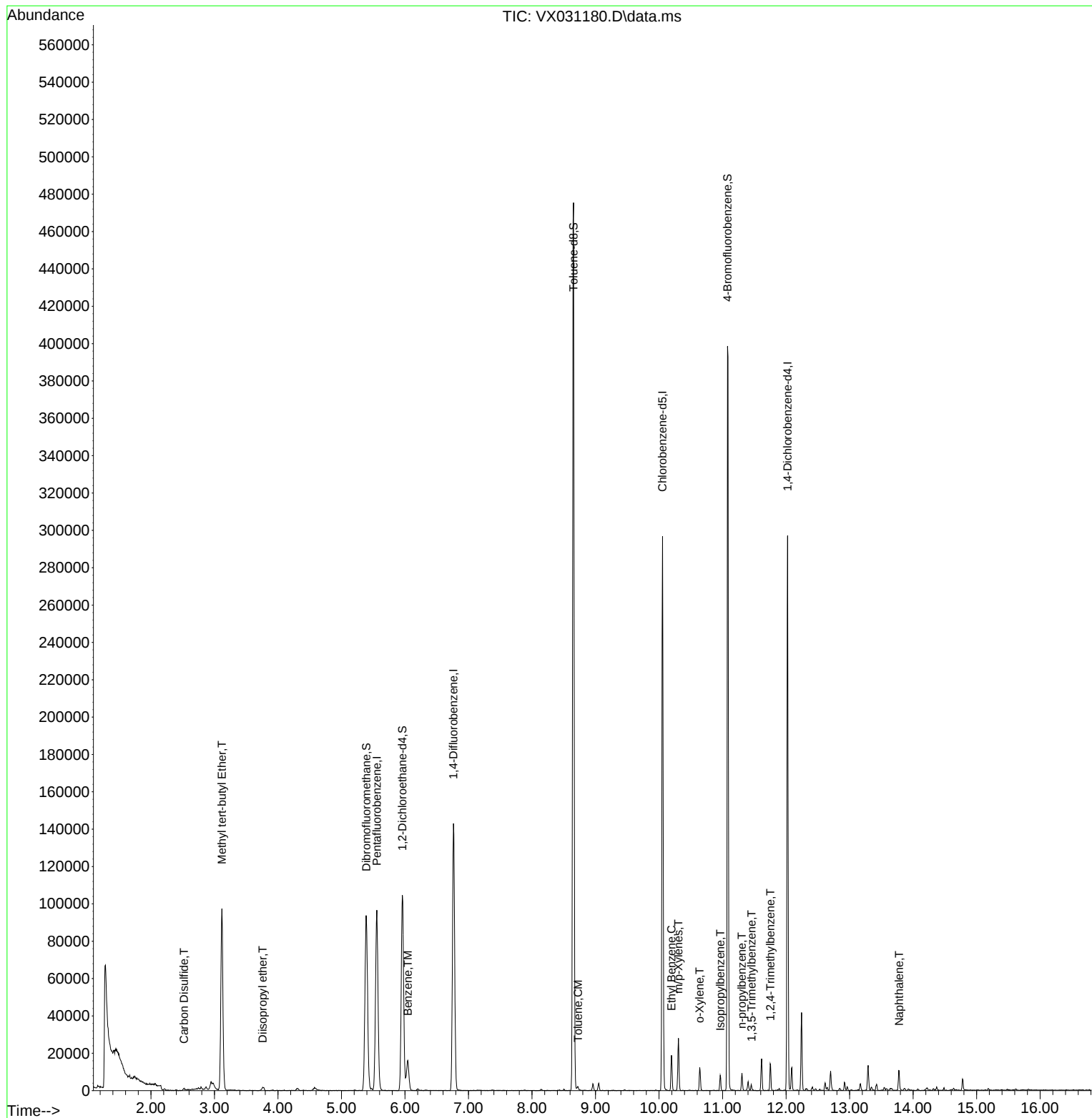
Internal Standards						
1) Pentafluorobenzene	5.556	168	81887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110771	57.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.280%	
35) Dibromofluoromethane	5.391	113	84815	53.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.880%	
50) Toluene-d8	8.653	98	290429	50.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	11.079	95	114255	54.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.160%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.520	76	1333	0.392	ug/l	# 90
19) Methyl tert-butyl Ether	3.117	73	111527	22.712	ug/l	91
22) Diisopropyl ether	3.757	45	1582	0.406	ug/l	# 58
40) Benzene	6.043	78	19801	3.096	ug/l	98
52) Toluene	8.726	92	992	0.235	ug/l	88
67) Ethyl Benzene	10.195	91	10800	1.555	ug/l	# 85
68) m/p-Xylenes	10.305	106	6300	2.447	ug/l	91
69) o-Xylene	10.640	106	2615	1.018	ug/l	90
73) Isopropylbenzene	10.963	105	4216	0.855	ug/l	99
78) n-propylbenzene	11.305	91	5650	1.005	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	1816	0.438	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	6395	1.586	ug/l	89
95) Naphthalene	13.780	128	7571	1.691	ug/l	98

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

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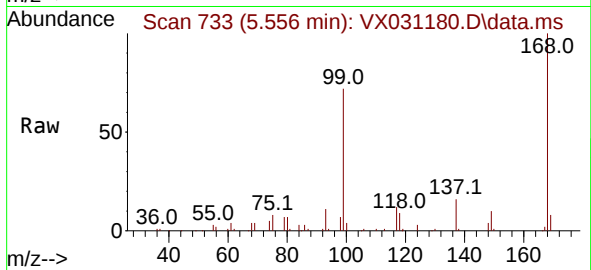
Quant Time: Sep 08 00:57:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



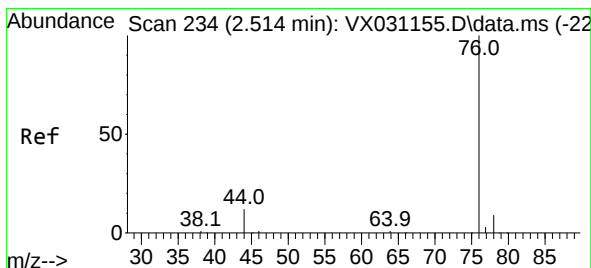
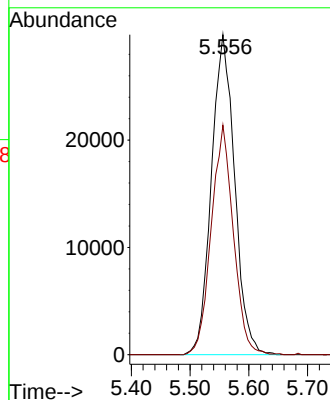
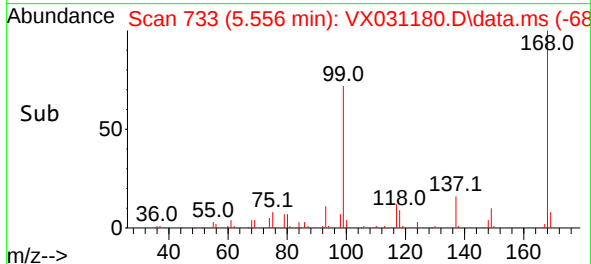


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

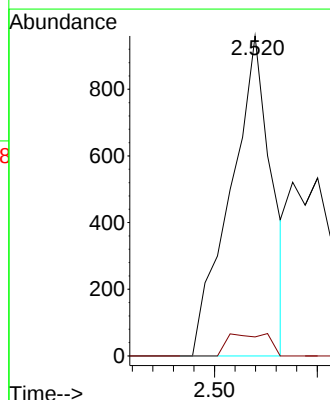
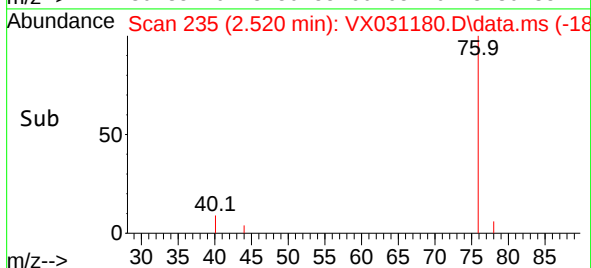
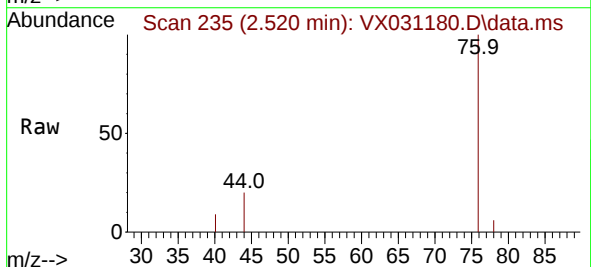


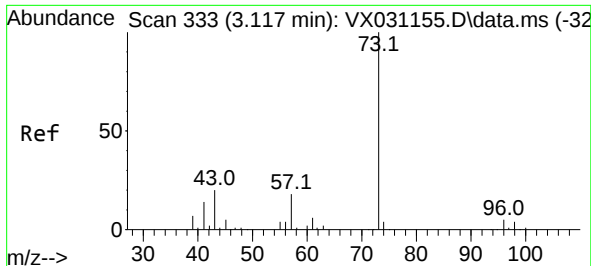
Tgt Ion:168 Resp: 81887
Ion Ratio Lower Upper
168 100
99 71.7 44.0 66.0#



#17
Carbon Disulfide
Concen: 0.392 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Tgt Ion: 76 Resp: 1333
Ion Ratio Lower Upper
76 100
78 5.9 7.8 11.6#

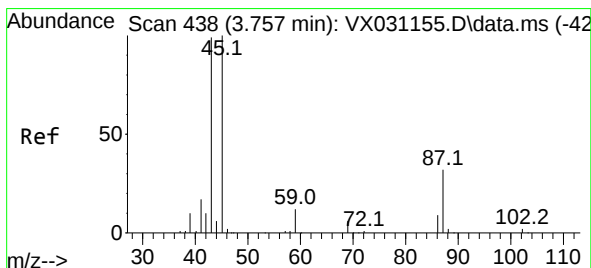
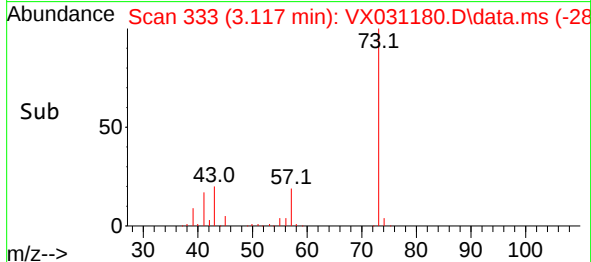
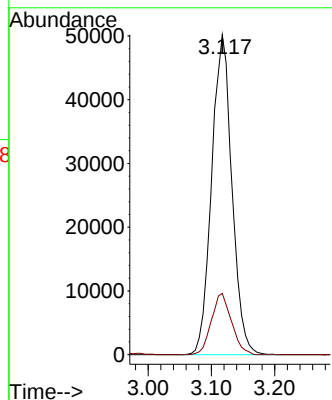
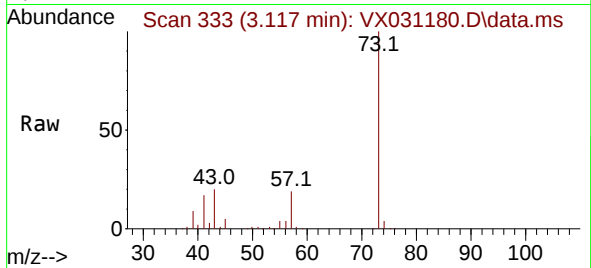




#19
Methyl tert-butyl Ether
Concen: 22.712 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

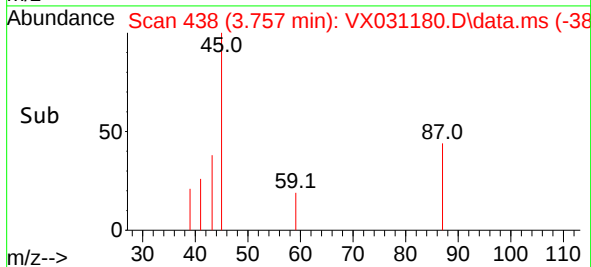
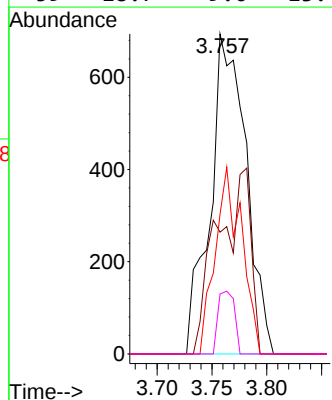
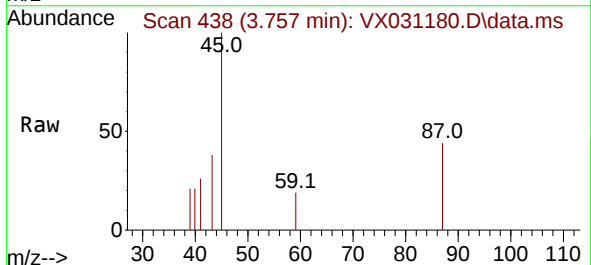
Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

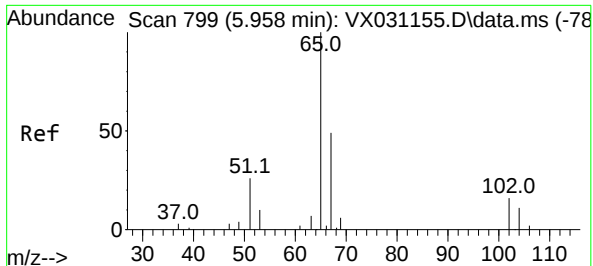
Tgt Ion: 73 Resp: 111527
Ion Ratio Lower Upper
73 100
57 19.1 19.0 28.6



#22
Diisopropyl ether
Concen: 0.406 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Tgt Ion: 45 Resp: 1582
Ion Ratio Lower Upper
45 100
43 38.0 65.4 98.0#
87 43.7 22.3 33.5#
59 18.7 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 57.136 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031180.D

Acq: 07 Sep 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

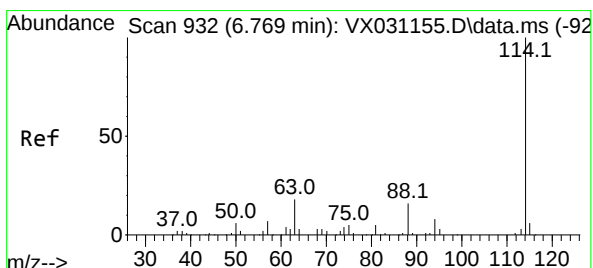
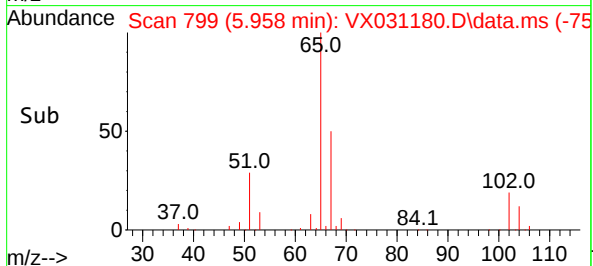
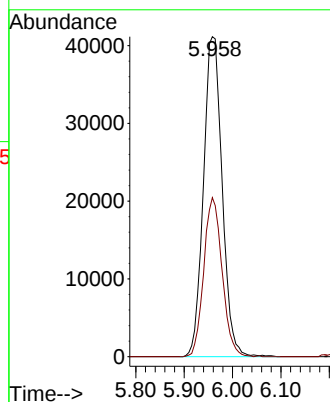
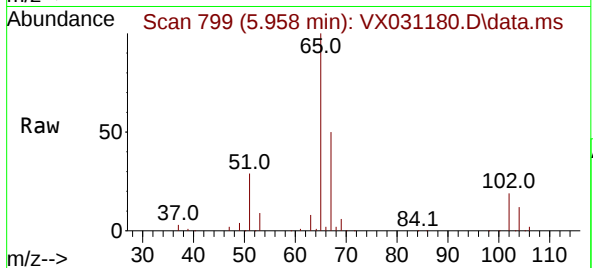
MW-31DL

Tgt Ion: 65 Resp: 110771

Ion Ratio Lower Upper

65 100

67 48.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031180.D

Acq: 07 Sep 2022 23:29

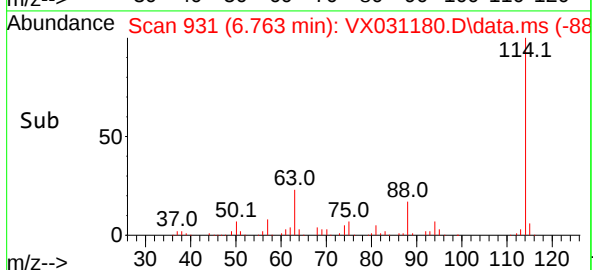
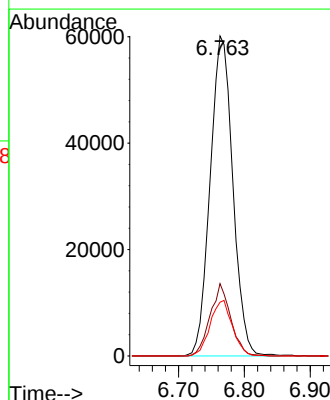
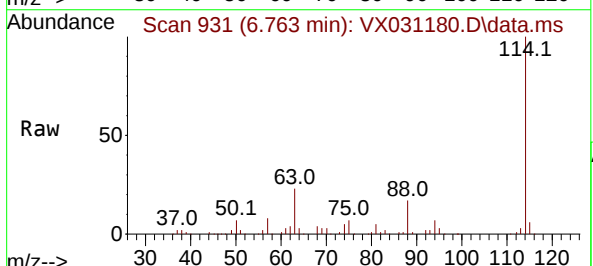
Tgt Ion:114 Resp: 144284

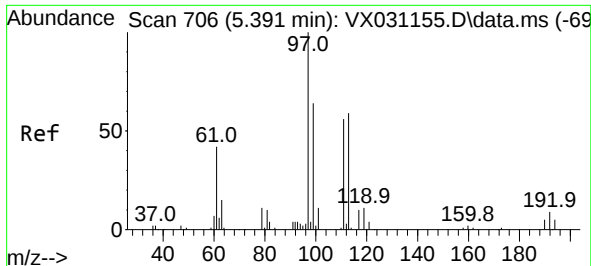
Ion Ratio Lower Upper

114 100

63 22.6 0.0 38.4

88 16.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.943 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031180.D

Acq: 07 Sep 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

MW-31DL

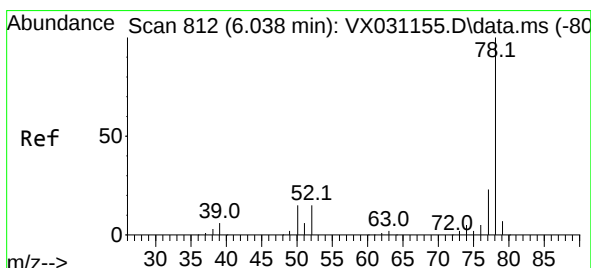
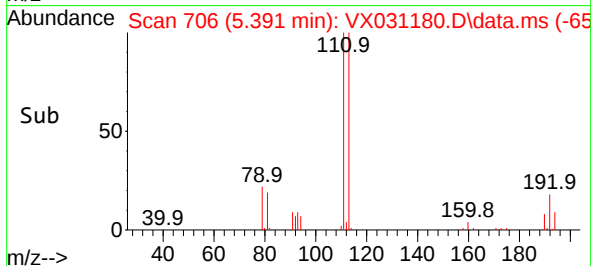
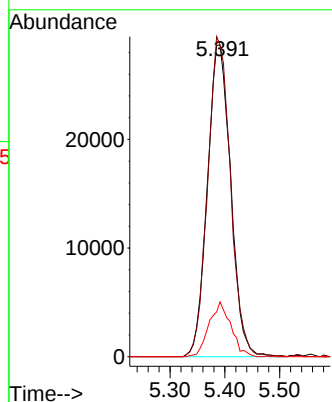
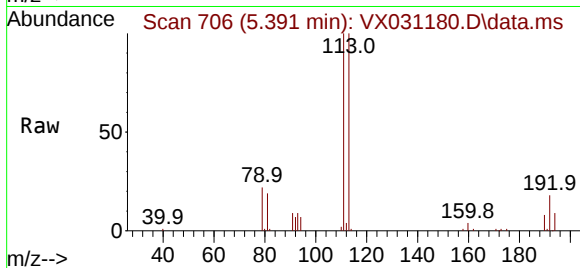
Tgt Ion:113 Resp: 84815

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

192 16.4 14.8 22.2



#40

Benzene

Concen: 3.096 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX031180.D

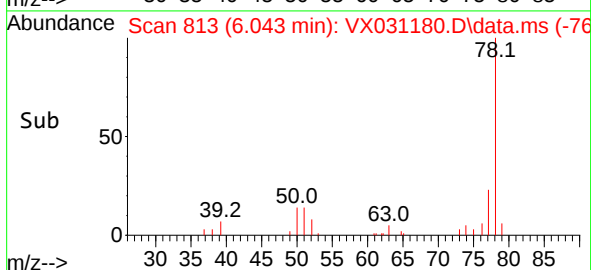
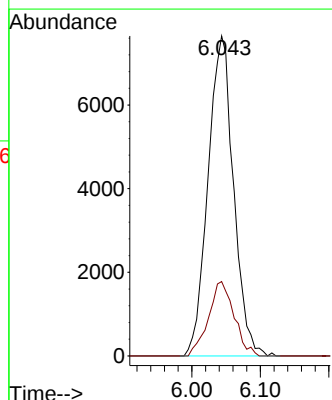
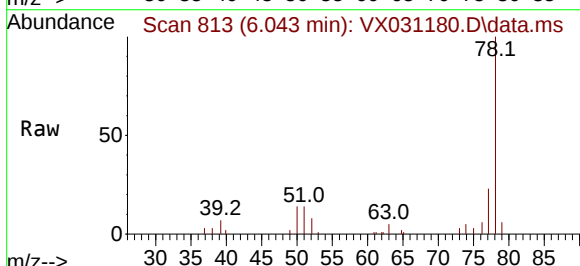
Acq: 07 Sep 2022 23:29

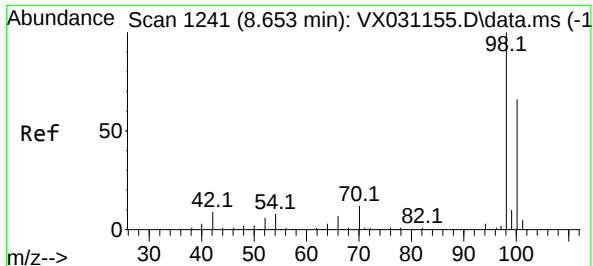
Tgt Ion: 78 Resp: 19801

Ion Ratio Lower Upper

78 100

77 23.3 18.0 27.0





#50

Toluene-d8

Concen: 50.841 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031180.D

Acq: 07 Sep 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

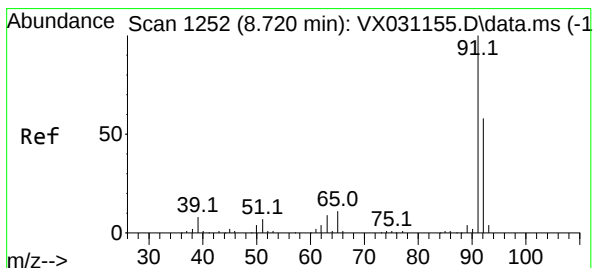
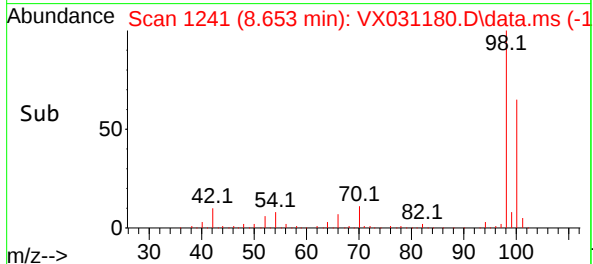
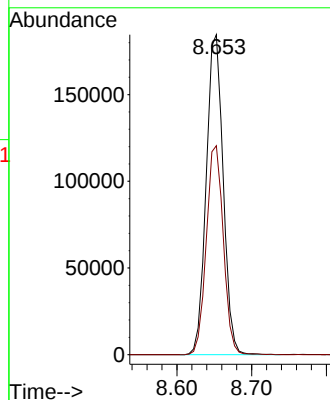
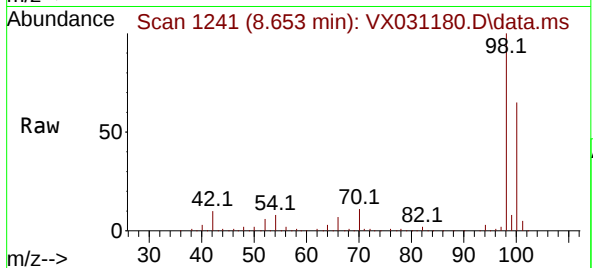
MW-31DL

Tgt Ion: 98 Resp: 290429

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#52

Toluene

Concen: 0.235 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031180.D

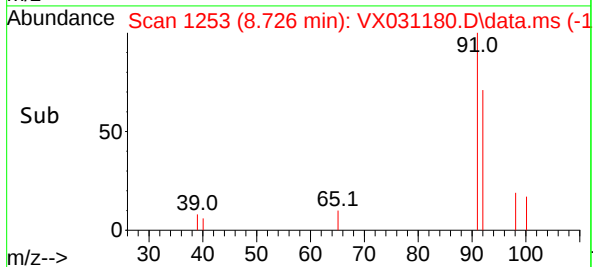
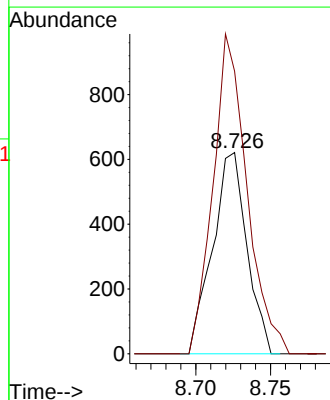
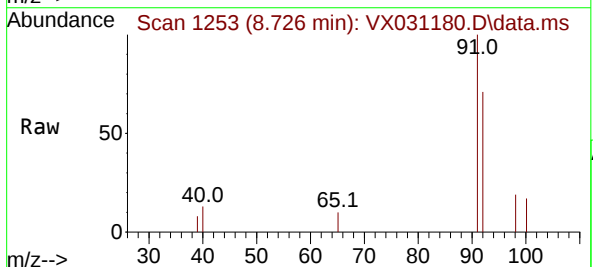
Acq: 07 Sep 2022 23:29

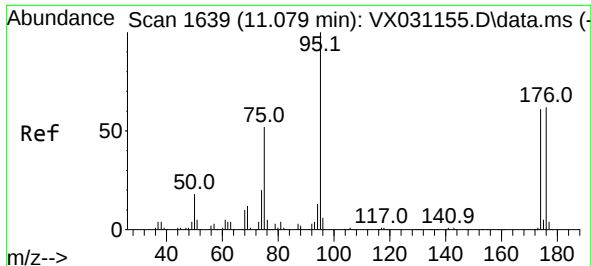
Tgt Ion: 92 Resp: 992

Ion Ratio Lower Upper

92 100

91 157.2 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 54.577 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031180.D

Acq: 07 Sep 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

MW-31DL

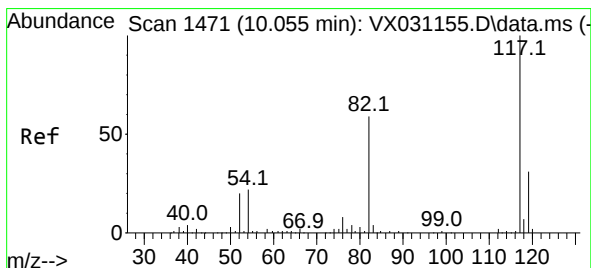
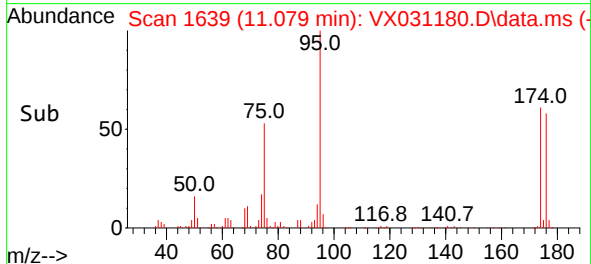
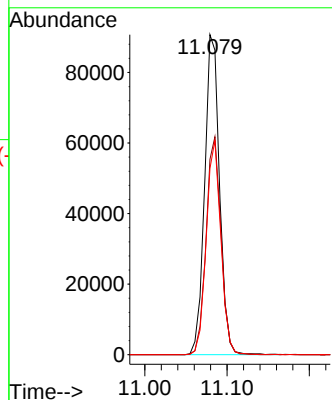
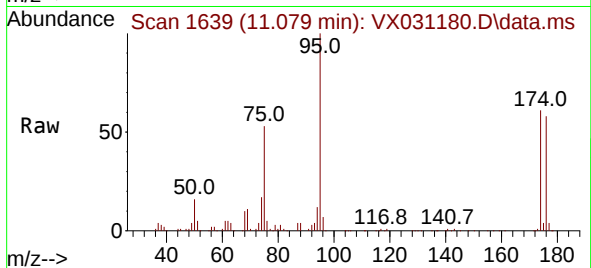
Tgt Ion: 95 Resp: 114255

Ion Ratio Lower Upper

95 100

174 68.2 0.0 149.0

176 65.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031180.D

Acq: 07 Sep 2022 23:29

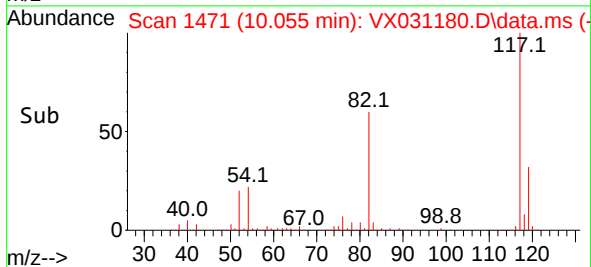
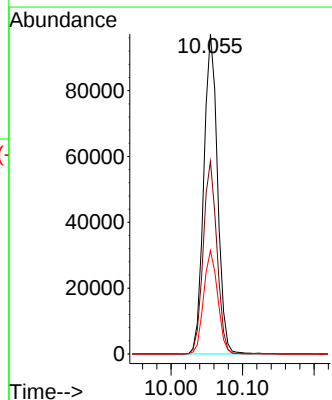
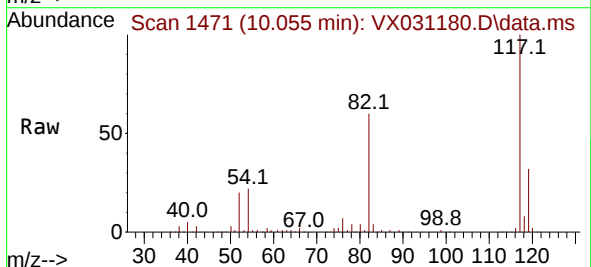
Tgt Ion: 117 Resp: 130171

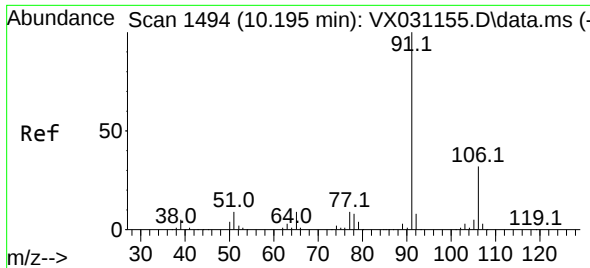
Ion Ratio Lower Upper

117 100

82 60.3 42.7 64.1

119 32.3 25.4 38.2

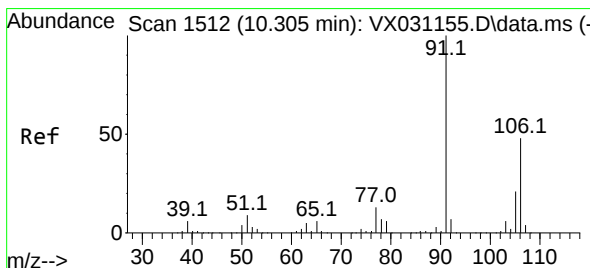
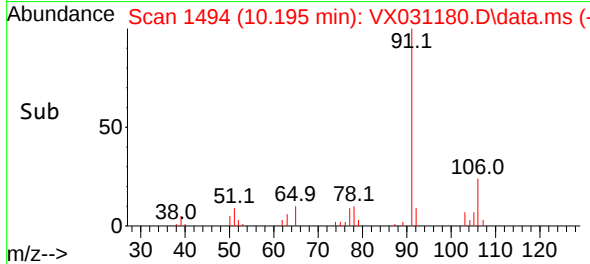
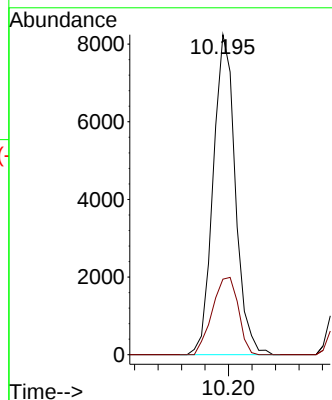
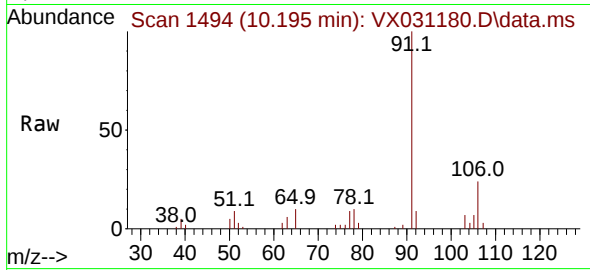




#67
Ethyl Benzene
Concen: 1.555 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

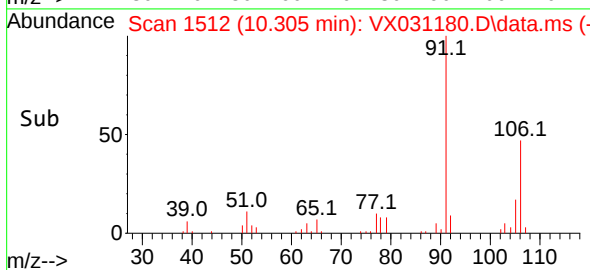
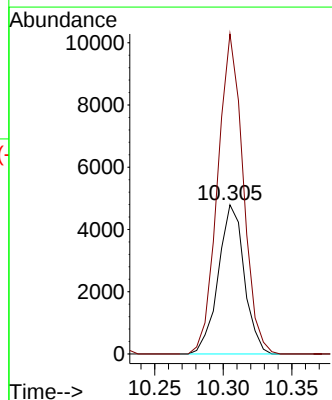
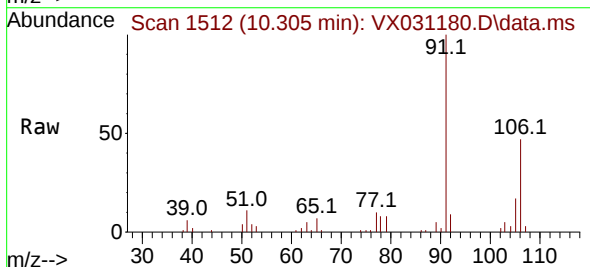
Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

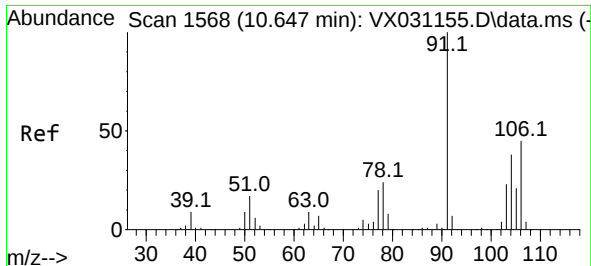
Tgt Ion: 91 Resp: 10800
Ion Ratio Lower Upper
91 100
106 23.6 25.5 38.3#



#68
m/p-Xylenes
Concen: 2.447 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Tgt Ion: 106 Resp: 6300
Ion Ratio Lower Upper
106 100
91 210.9 158.2 237.4

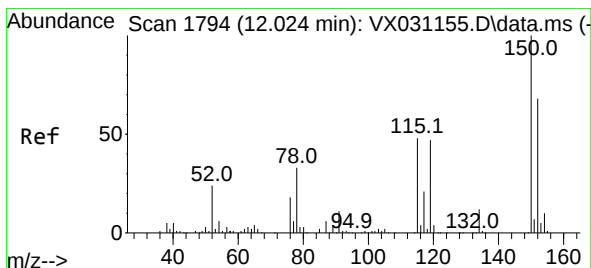
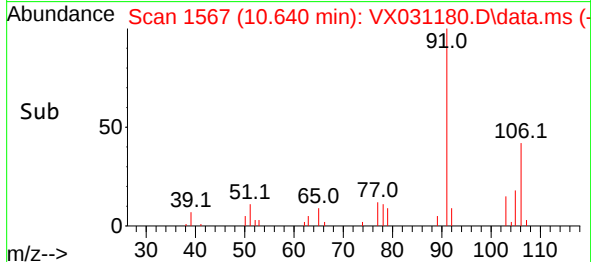
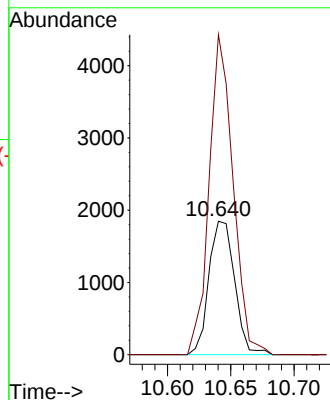
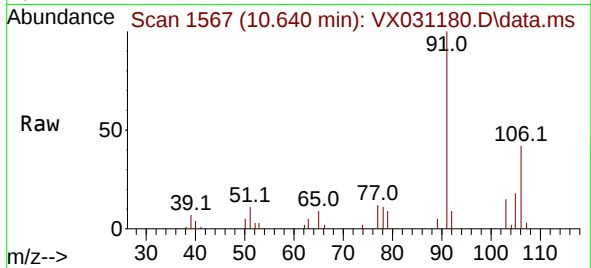




#69
o-Xylene
Concen: 1.018 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

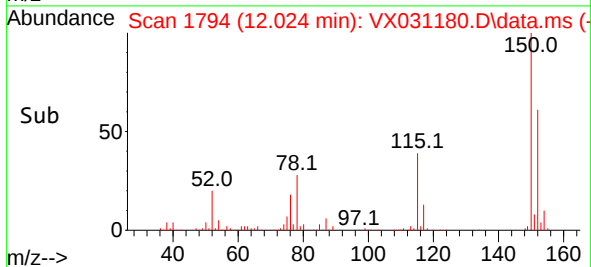
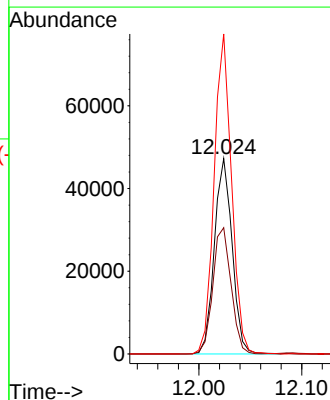
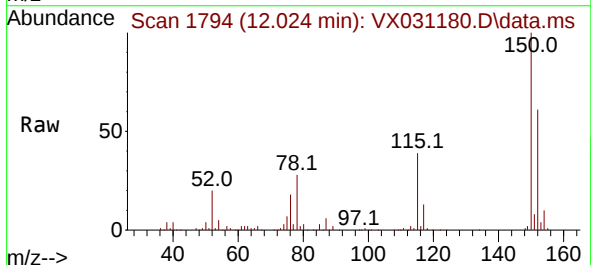
Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

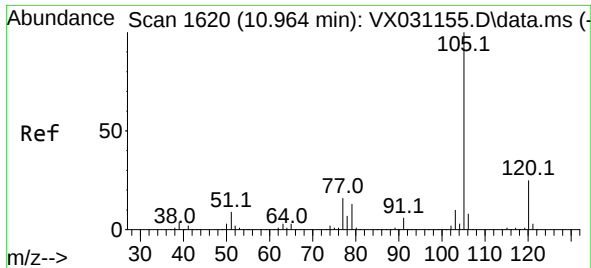
Tgt Ion:106 Resp: 2615
Ion Ratio Lower Upper
106 100
91 223.1 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Tgt Ion:152 Resp: 56807
Ion Ratio Lower Upper
152 100
115 66.4 40.5 121.5
150 159.9 0.0 347.0

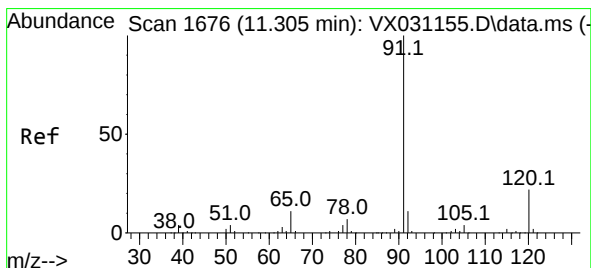
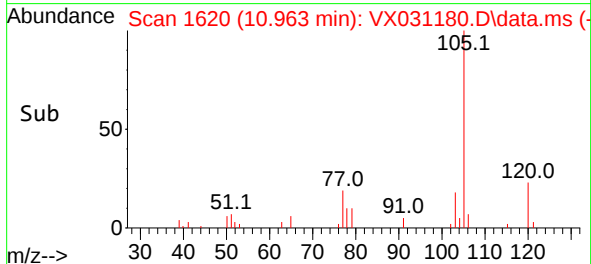
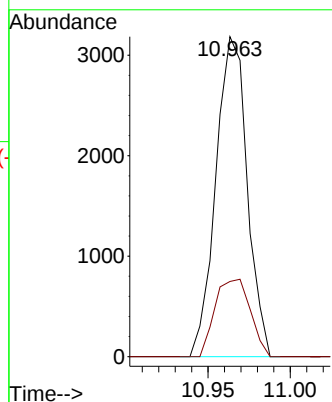
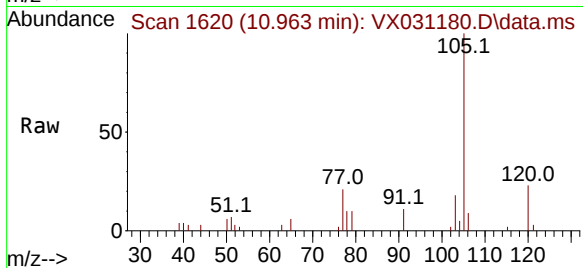




#73
Isopropylbenzene
Concen: 0.855 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

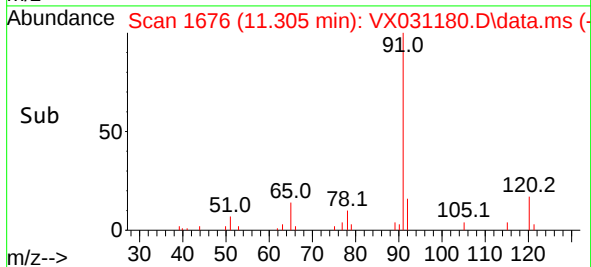
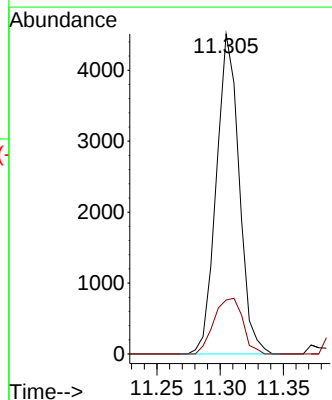
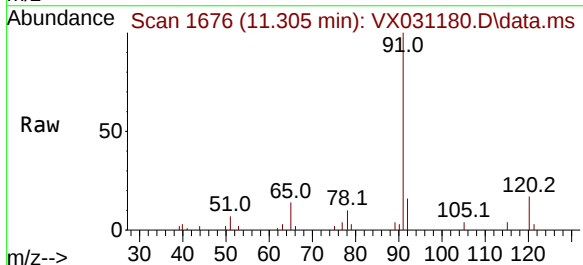
Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

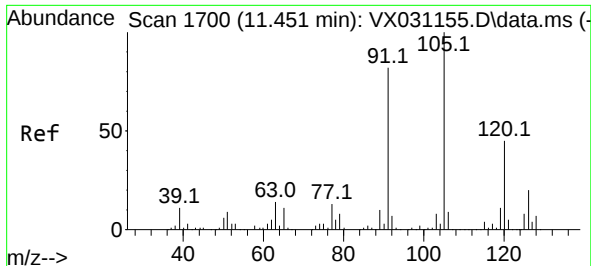
Tgt Ion:105 Resp: 4216
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4



#78
n-propylbenzene
Concen: 1.005 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Tgt Ion: 91 Resp: 5650
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8

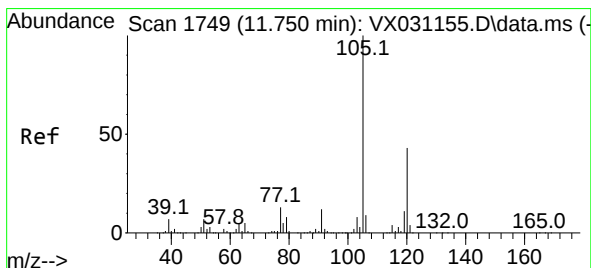
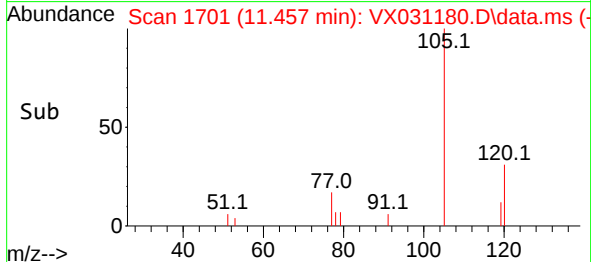
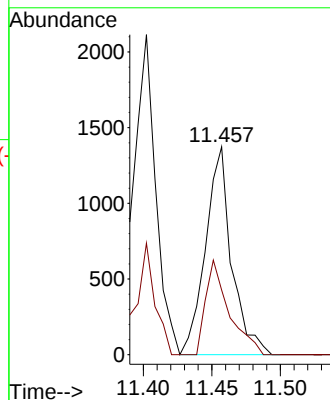
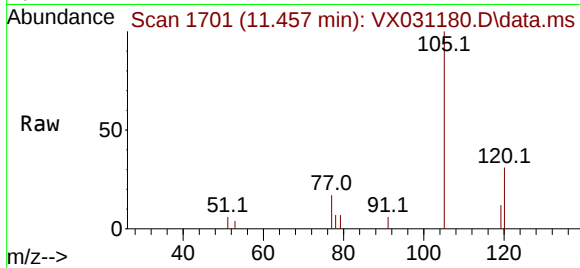




#80
 1,3,5-Trimethylbenzene
 Concen: 0.438 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX031180.D
 Acq: 07 Sep 2022 23:29

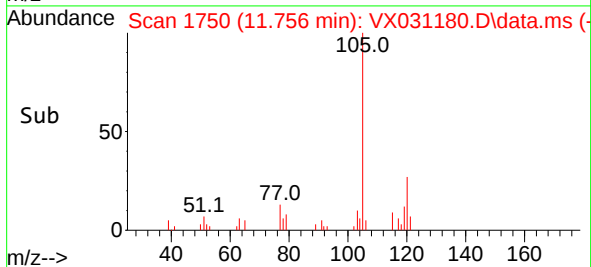
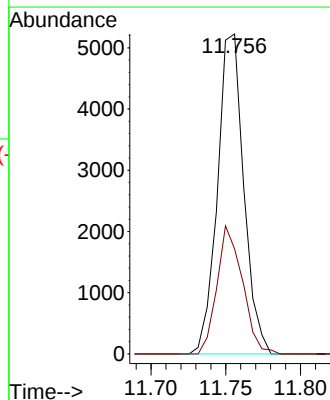
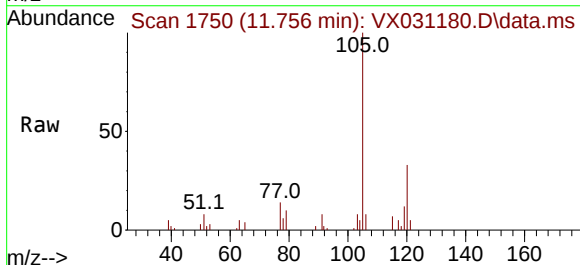
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31DL

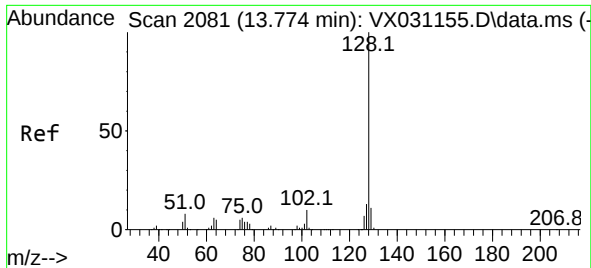
Tgt Ion:105 Resp: 1816
 Ion Ratio Lower Upper
 105 100
 120 40.9 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.586 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX031180.D
 Acq: 07 Sep 2022 23:29

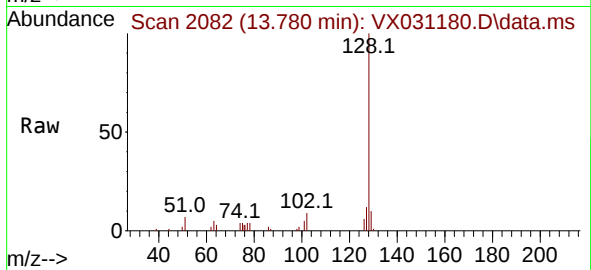
Tgt Ion:105 Resp: 6395
 Ion Ratio Lower Upper
 105 100
 120 38.7 22.9 68.8





#95
Naphthalene
Concen: 1.691 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031180.D
Acq: 07 Sep 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
MW-31DL



Tgt Ion:	128	Resp:	7571
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	11.7	8.6	13.0

