

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031284.D
 Acq On : 12 Sep 2022 19:23
 Operator : JC/MD
 Sample : N4536-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 090722-A

Quant Time: Sep 13 01:58:51 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)

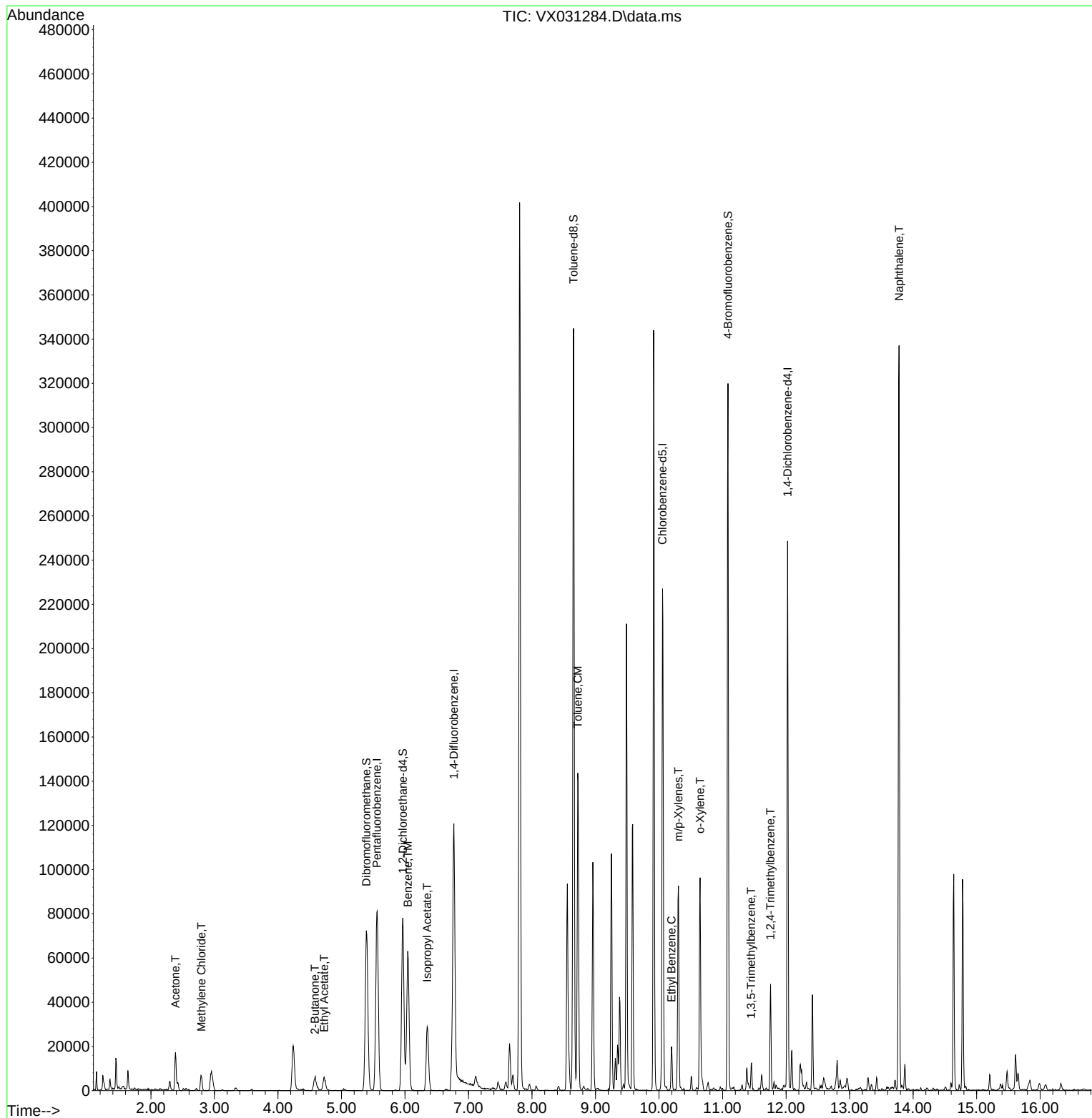
Internal Standards						
1) Pentafluorobenzene	5.556	168	69939	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90289	54.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	5.391	113	62593	51.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	8.653	98	203158	45.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.520%	
62) 4-Bromofluorobenzene	11.085	95	81263	49.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	17091	29.810	ug/l	88
20) Methylene Chloride	2.794	84	3434	2.548	ug/l	# 81
25) 2-Butanone	4.580	43	6994	8.236	ug/l	# 78
37) Ethyl Acetate	4.727	43	9726	5.991	ug/l	99
40) Benzene	6.044	78	73788	14.844	ug/l	95
43) Isopropyl Acetate	6.348	43	38479	15.034	ug/l	# 95
52) Toluene	8.720	92	54162	16.519	ug/l	99
67) Ethyl Benzene	10.195	91	11336	2.108	ug/l	95
68) m/p-Xylenes	10.305	106	20507	10.287	ug/l	86
69) o-Xylene	10.646	106	13769	6.920	ug/l	84
80) 1,3,5-Trimethylbenzene	11.451	105	5371	1.540	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	17919	5.286	ug/l	82
95) Naphthalene	13.780	128	210107	55.826	ug/l	100

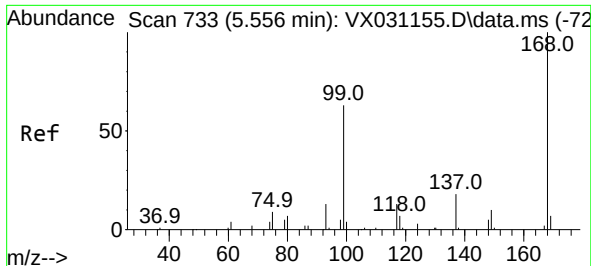
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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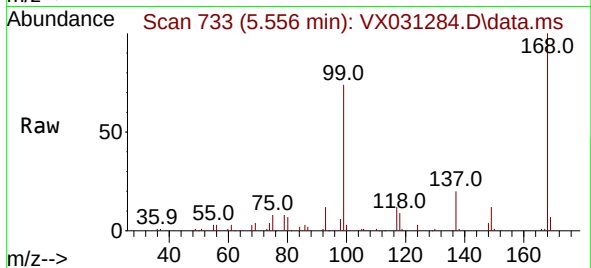
Quant Time: Sep 13 01:58:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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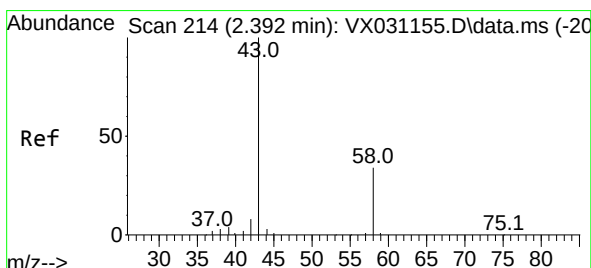
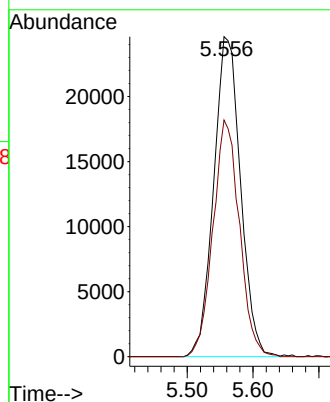
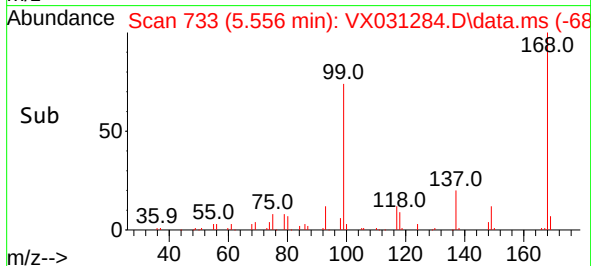


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

Instrument :
MSVOA_X
ClientSampleId :
090722-A

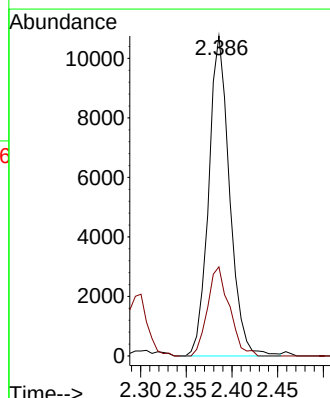
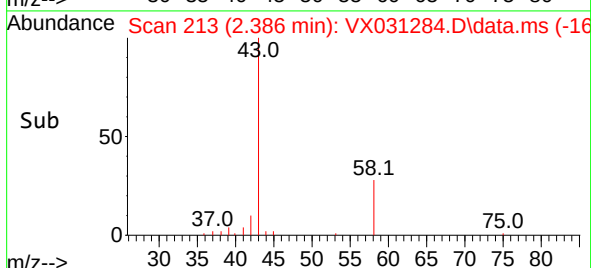
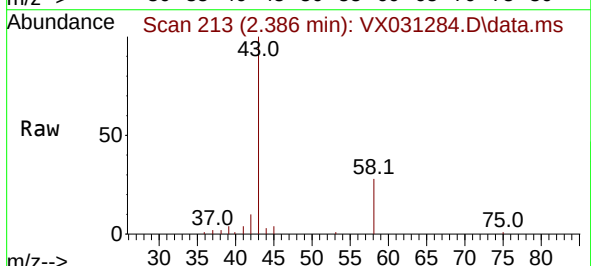


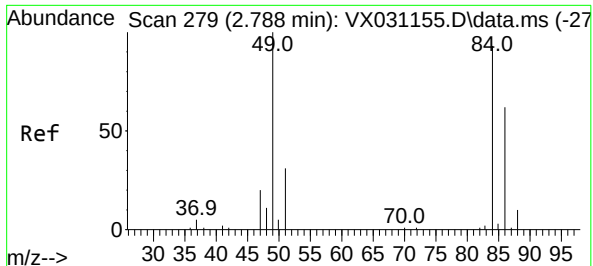
Tgt Ion:168 Resp: 69939
Ion Ratio Lower Upper
168 100
99 74.0 44.0 66.0#



#16
Acetone
Concen: 29.810 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

Tgt Ion: 43 Resp: 17091
Ion Ratio Lower Upper
43 100
58 27.9 27.7 41.5





#20

Methylene Chloride

Concen: 2.548 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031284.D

Acq: 12 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

090722-A

Tgt Ion: 84 Resp: 3434

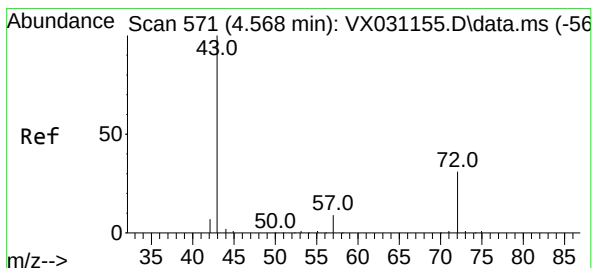
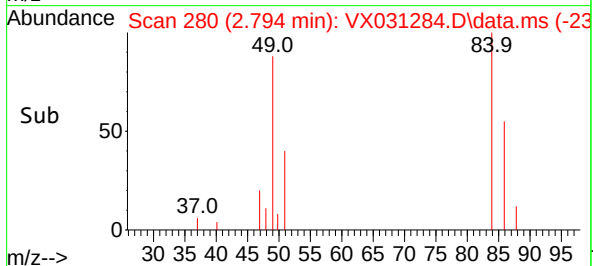
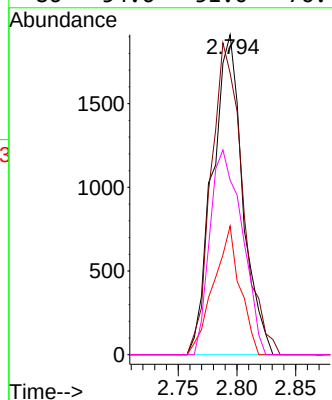
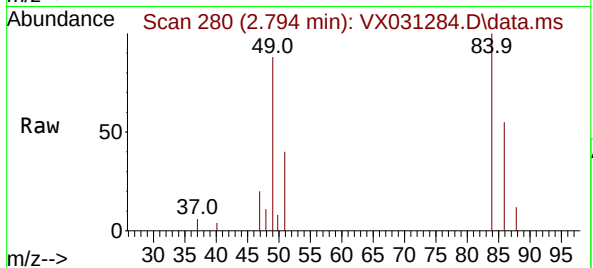
Ion Ratio Lower Upper

84 100

49 88.0 93.8 140.6#

51 40.2 29.4 44.0

86 54.6 51.0 76.4



#25

2-Butanone

Concen: 8.236 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX031284.D

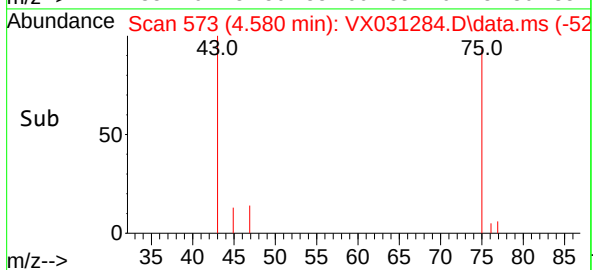
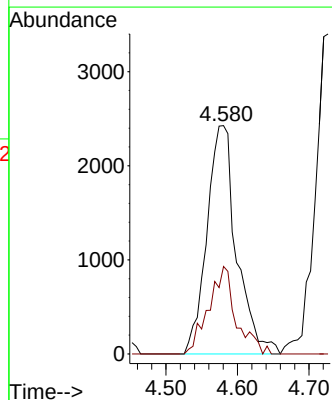
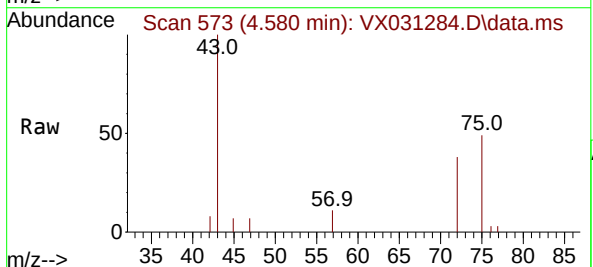
Acq: 12 Sep 2022 19:23

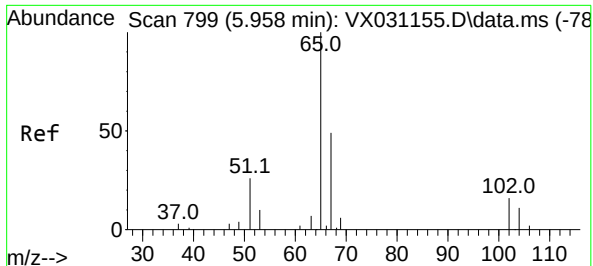
Tgt Ion: 43 Resp: 6994

Ion Ratio Lower Upper

43 100

72 38.3 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 54.528 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031284.D

Acq: 12 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

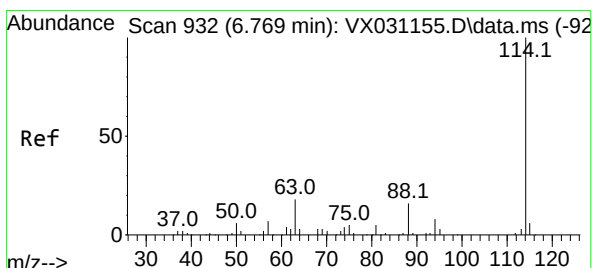
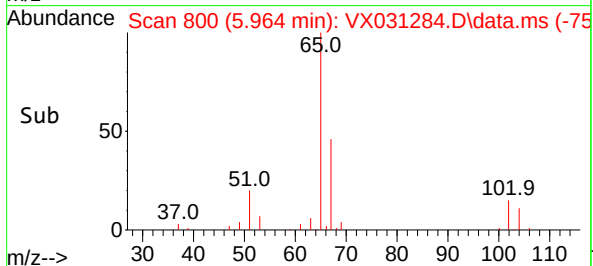
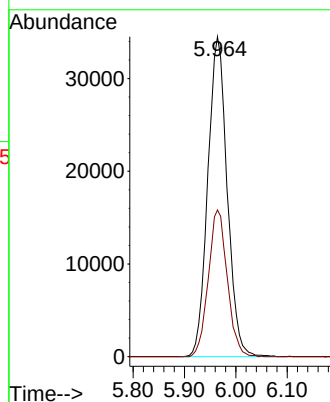
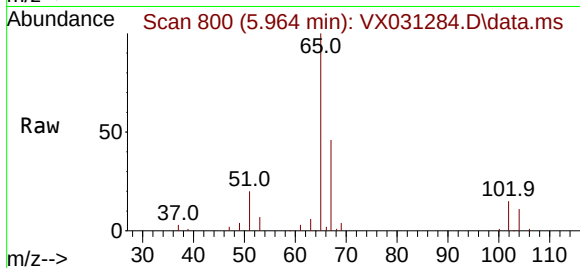
090722-A

Tgt Ion: 65 Resp: 90289

Ion Ratio Lower Upper

65 100

67 44.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031284.D

Acq: 12 Sep 2022 19:23

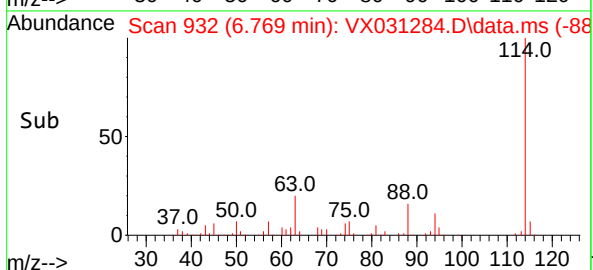
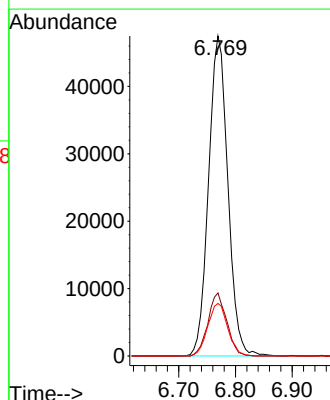
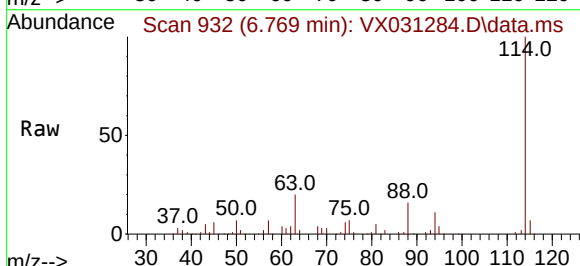
Tgt Ion:114 Resp: 112130

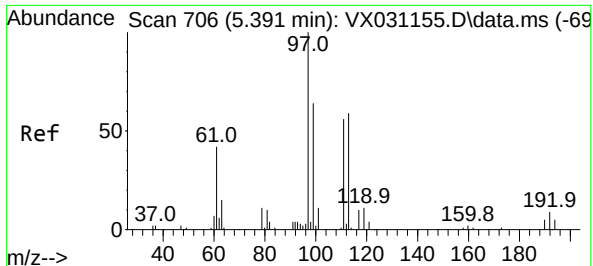
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.225 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031284.D

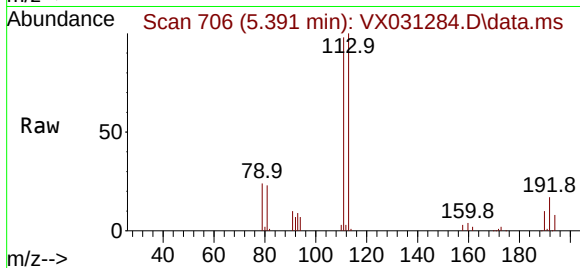
Acq: 12 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

090722-A



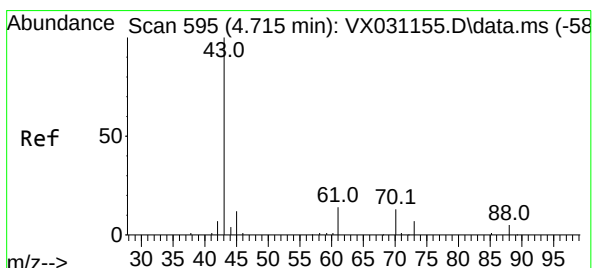
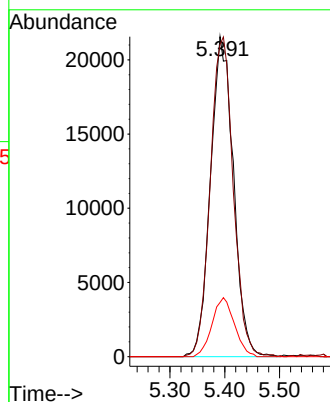
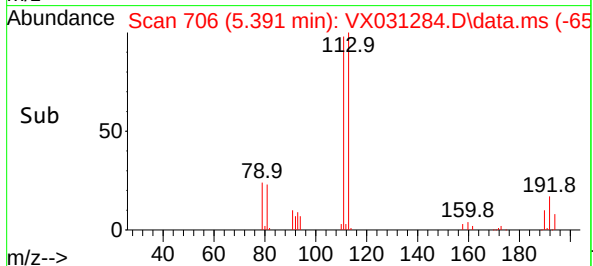
Tgt Ion:113 Resp: 62593

Ion Ratio Lower Upper

113 100

111 99.9 83.2 124.8

192 18.0 14.8 22.2



#37

Ethyl Acetate

Concen: 5.991 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX031284.D

Acq: 12 Sep 2022 19:23

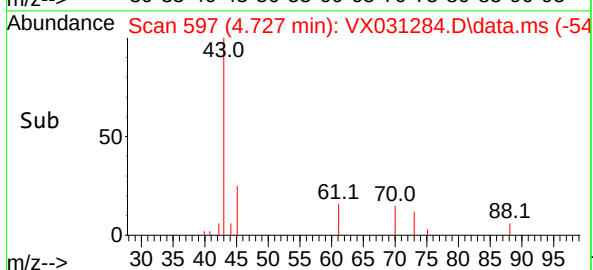
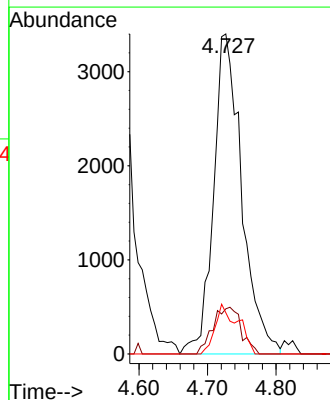
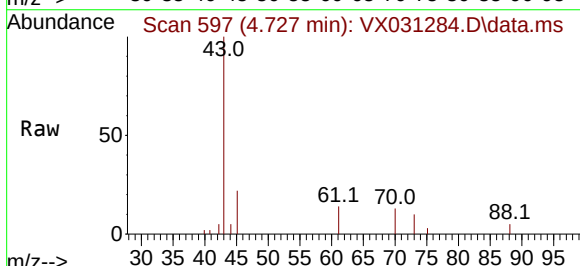
Tgt Ion: 43 Resp: 9726

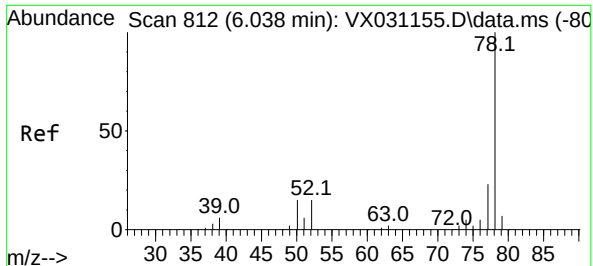
Ion Ratio Lower Upper

43 100

61 14.7 11.7 17.5

70 12.6 9.3 13.9

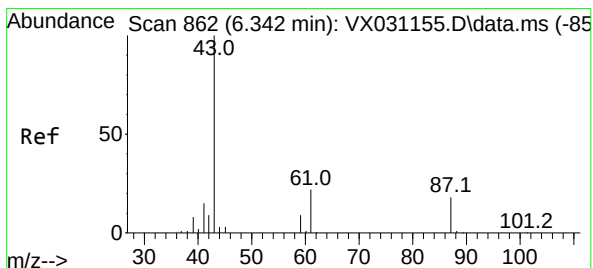
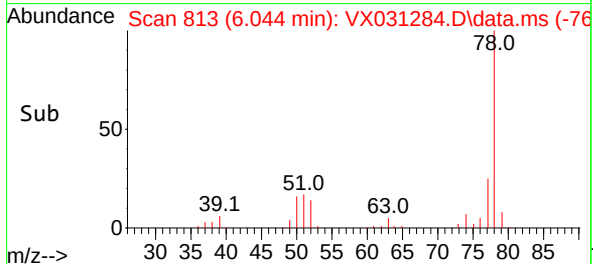
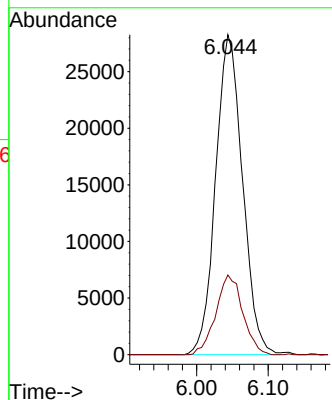
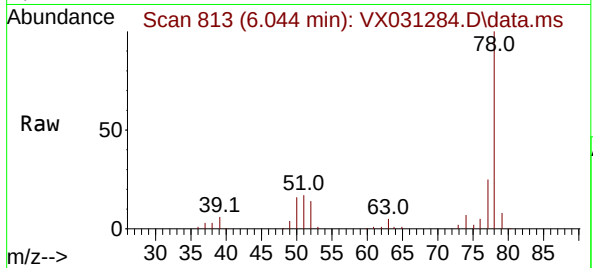




#40
Benzene
Concen: 14.844 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

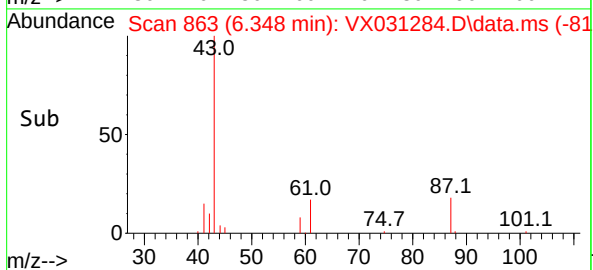
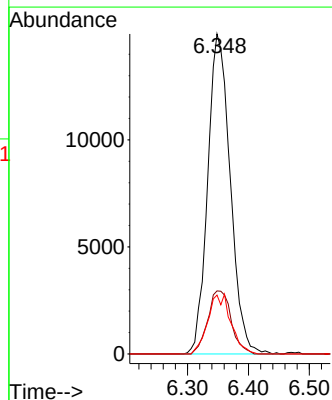
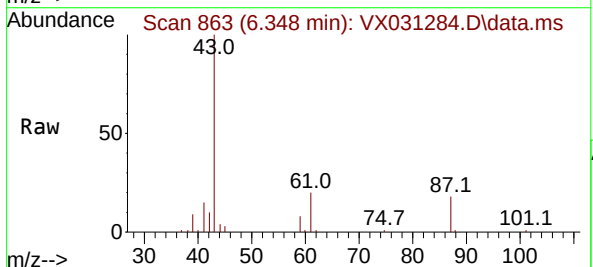
Instrument :
MSVOA_X
ClientSampleId :
090722-A

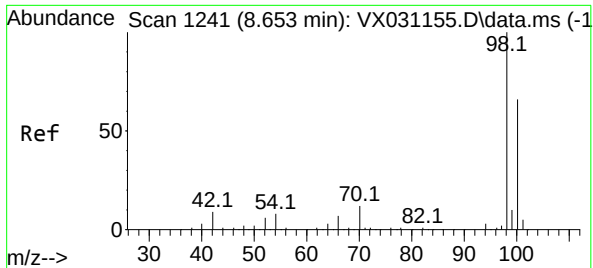
Tgt Ion: 78 Resp: 73788
Ion Ratio Lower Upper
78 100
77 24.9 18.0 27.0



#43
Isopropyl Acetate
Concen: 15.034 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

Tgt Ion: 43 Resp: 38479
Ion Ratio Lower Upper
43 100
61 20.5 16.5 24.7
87 19.1 11.1 16.7#

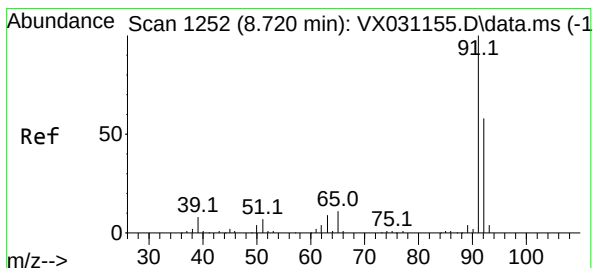
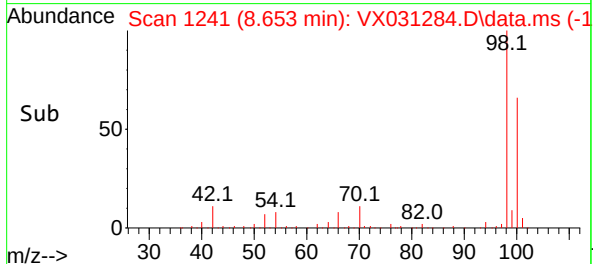
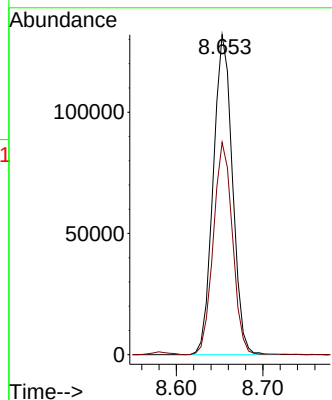
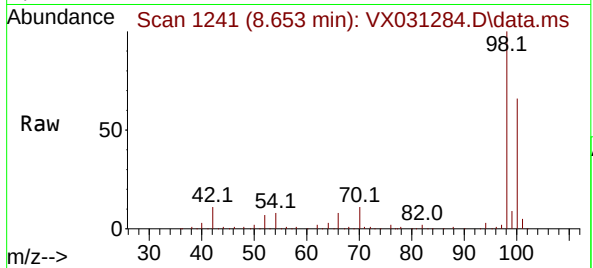




#50
Toluene-d8
Concen: 45.762 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

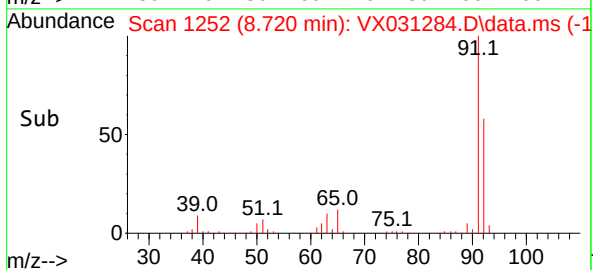
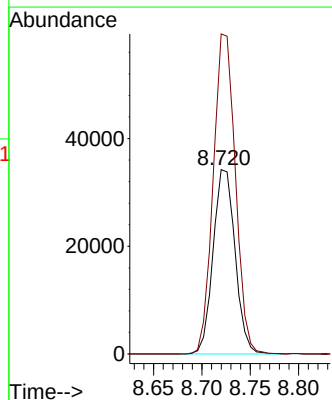
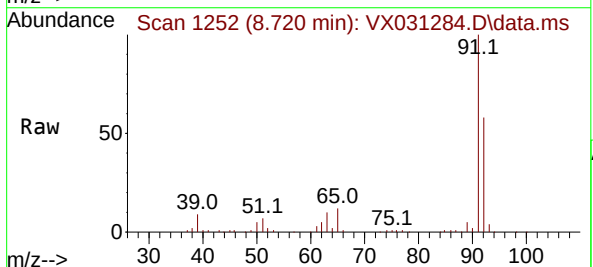
Instrument :
MSVOA_X
ClientSampleId :
090722-A

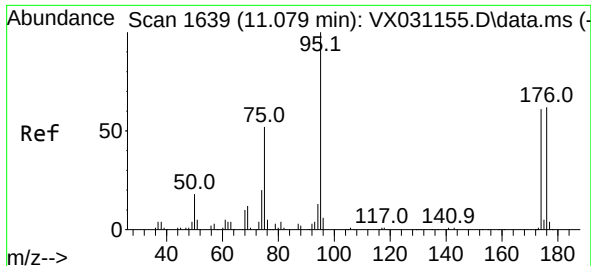
Tgt Ion: 98 Resp: 203158
Ion Ratio Lower Upper
98 100
100 66.3 52.3 78.5



#52
Toluene
Concen: 16.519 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

Tgt Ion: 92 Resp: 54162
Ion Ratio Lower Upper
92 100
91 174.9 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 49.949 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031284.D

Acq: 12 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

090722-A

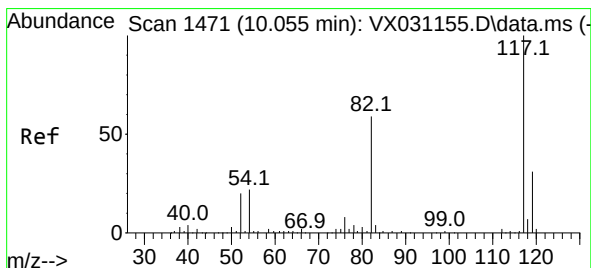
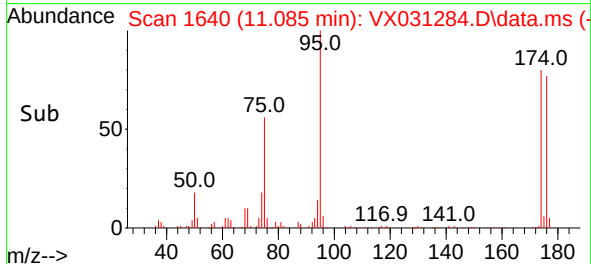
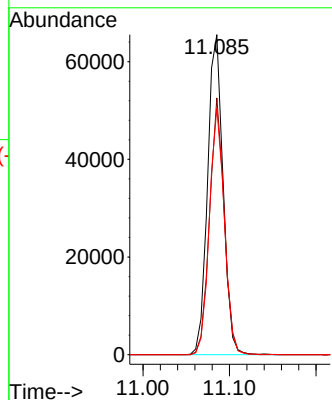
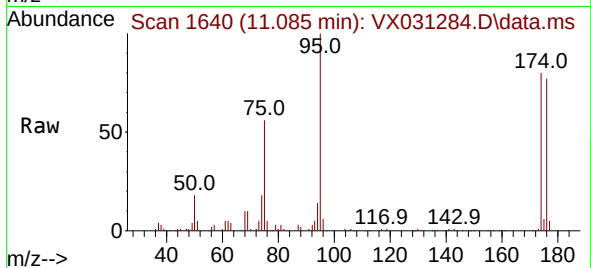
Tgt Ion: 95 Resp: 81263

Ion Ratio Lower Upper

95 100

174 75.9 0.0 149.0

176 74.4 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: VX031284.D

Acq: 12 Sep 2022 19:23

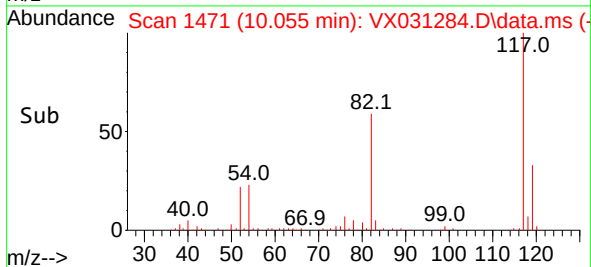
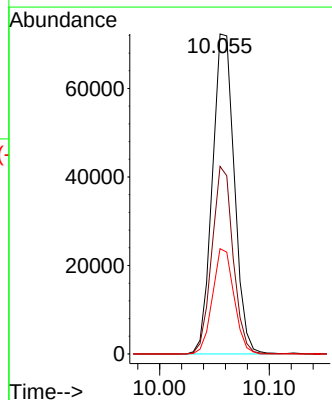
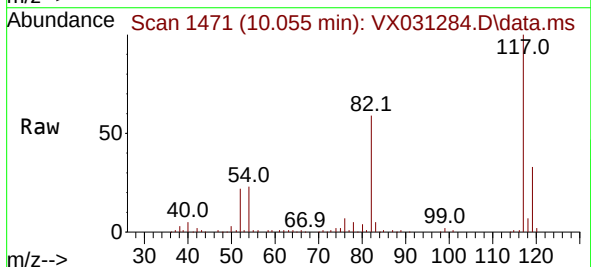
Tgt Ion: 117 Resp: 100793

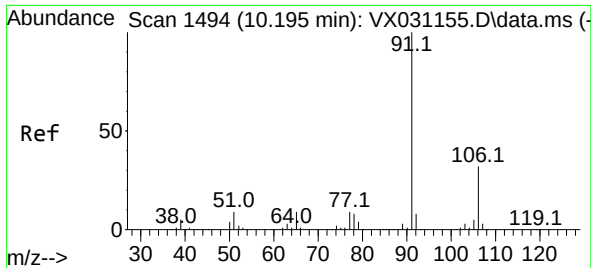
Ion Ratio Lower Upper

117 100

82 58.6 42.7 64.1

119 32.9 25.4 38.2

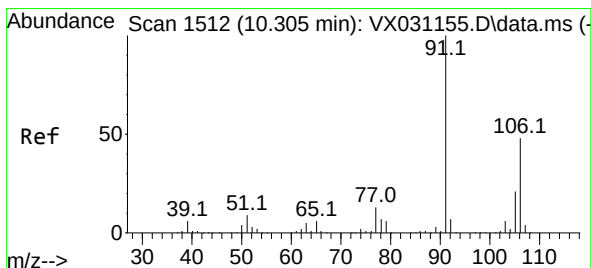
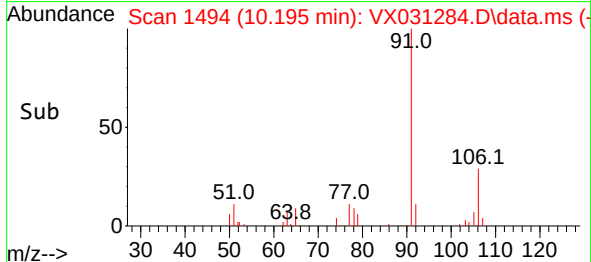
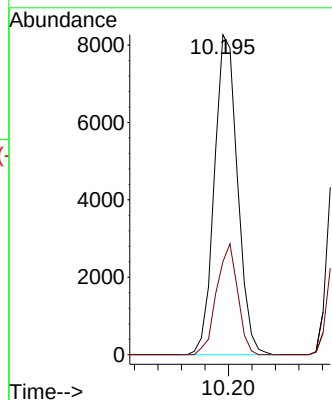
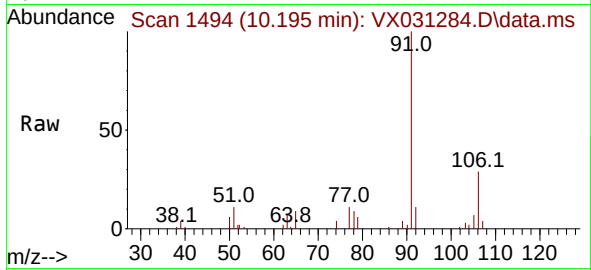




#67
Ethyl Benzene
Concen: 2.108 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

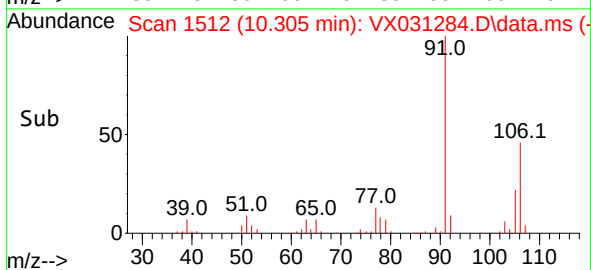
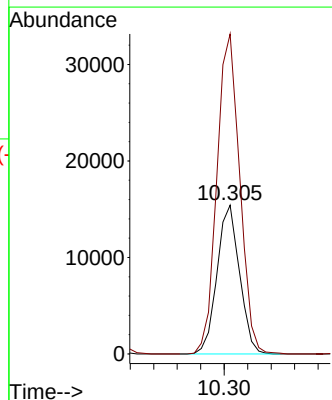
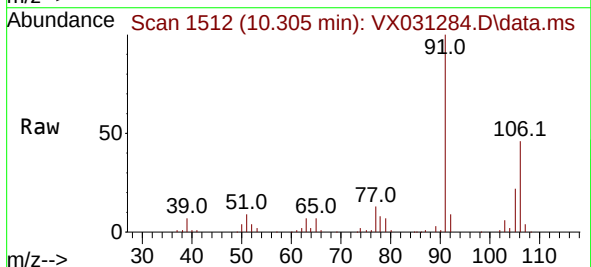
Instrument :
MSVOA_X
ClientSampleId :
090722-A

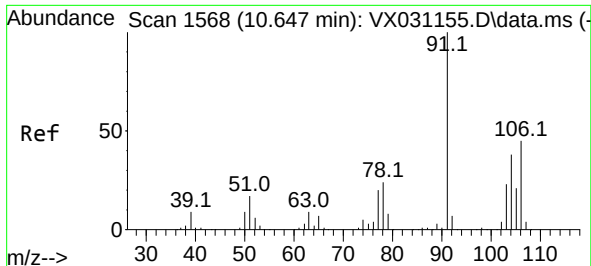
Tgt Ion: 91 Resp: 11336
Ion Ratio Lower Upper
91 100
106 29.0 25.5 38.3



#68
m/p-Xylenes
Concen: 10.287 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

Tgt Ion: 106 Resp: 20507
Ion Ratio Lower Upper
106 100
91 218.6 158.2 237.4

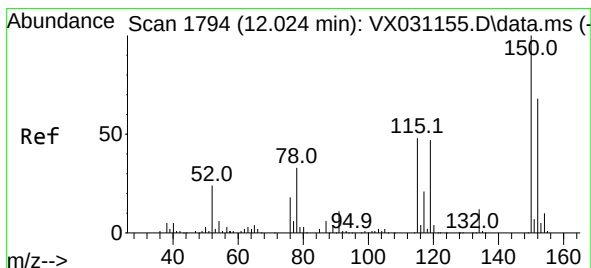
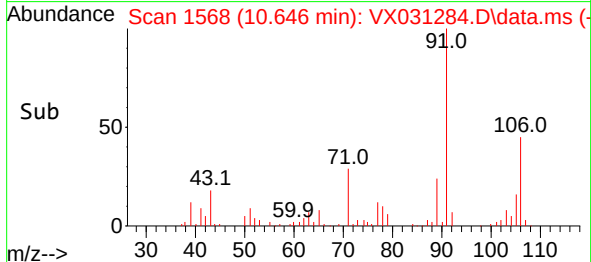
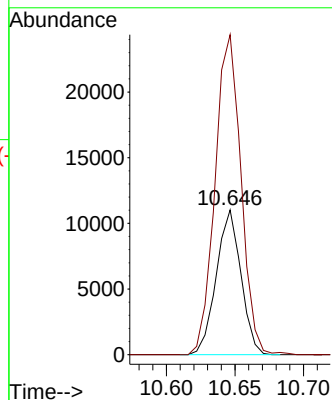
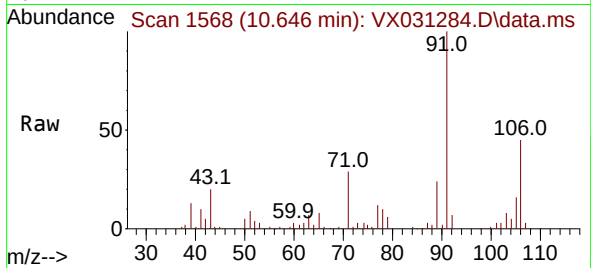




#69
o-Xylene
Concen: 6.920 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

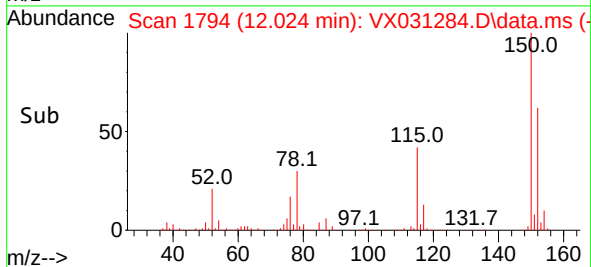
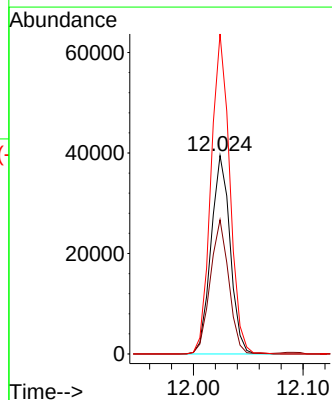
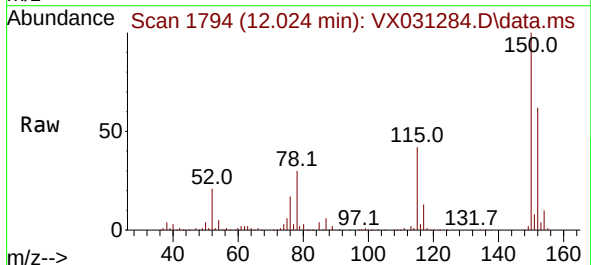
Instrument :
MSVOA_X
ClientSampleId :
090722-A

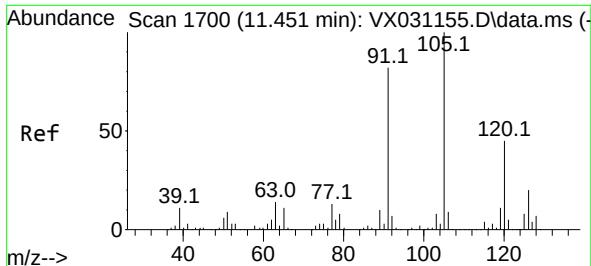
Tgt Ion:106 Resp: 13769
Ion Ratio Lower Upper
106 100
91 233.0 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031284.D
Acq: 12 Sep 2022 19:23

Tgt Ion:152 Resp: 47763
Ion Ratio Lower Upper
152 100
115 65.7 40.5 121.5
150 158.3 0.0 347.0





#80

1,3,5-Trimethylbenzene

Concen: 1.540 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031284.D

Acq: 12 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

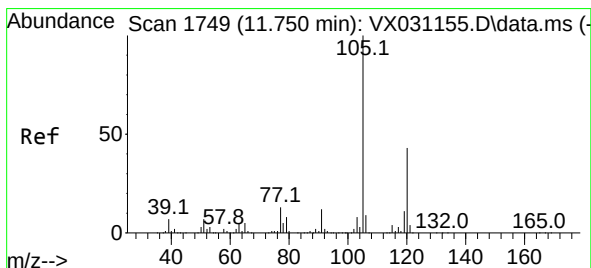
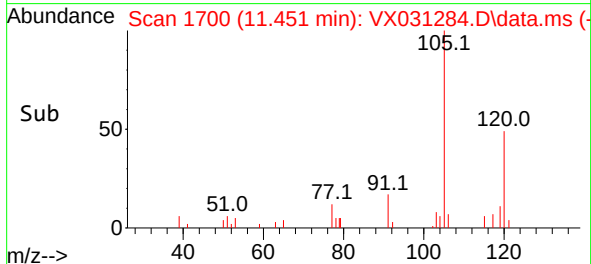
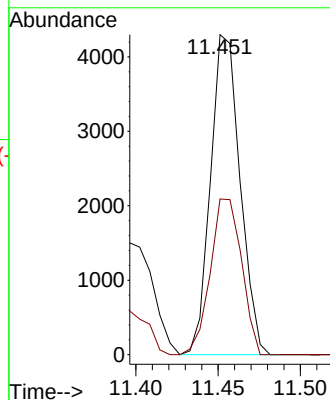
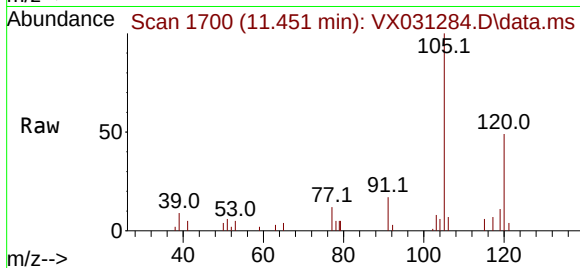
090722-A

Tgt Ion:105 Resp: 5371

Ion Ratio Lower Upper

105 100

120 51.5 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 5.286 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031284.D

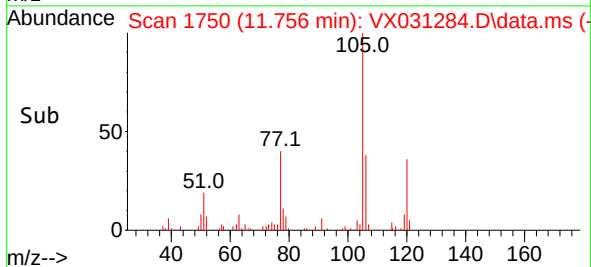
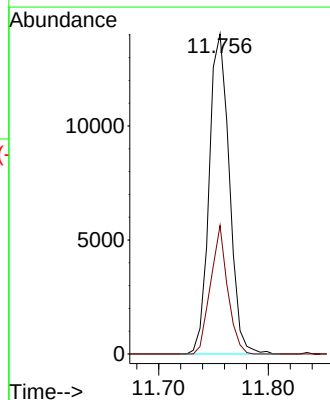
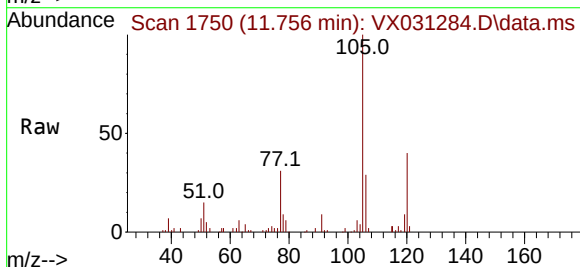
Acq: 12 Sep 2022 19:23

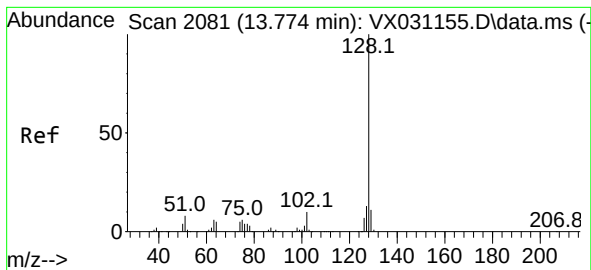
Tgt Ion:105 Resp: 17919

Ion Ratio Lower Upper

105 100

120 34.0 22.9 68.8





#95

Naphthalene

Concen: 55.826 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031284.D

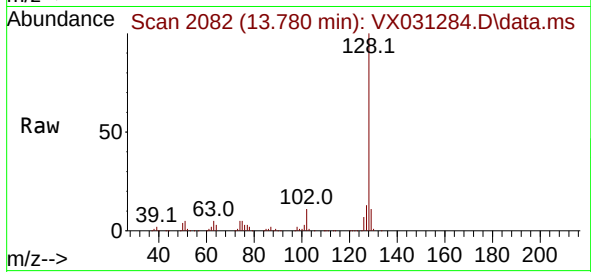
Acq: 12 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

090722-A



Tgt Ion:128 Resp: 210107

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.6 13.0

