

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031280.D
 Acq On : 12 Sep 2022 17:50
 Operator : JC/MD
 Sample : N4536-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 090722-A

Quant Time: Sep 13 01:37:16 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)

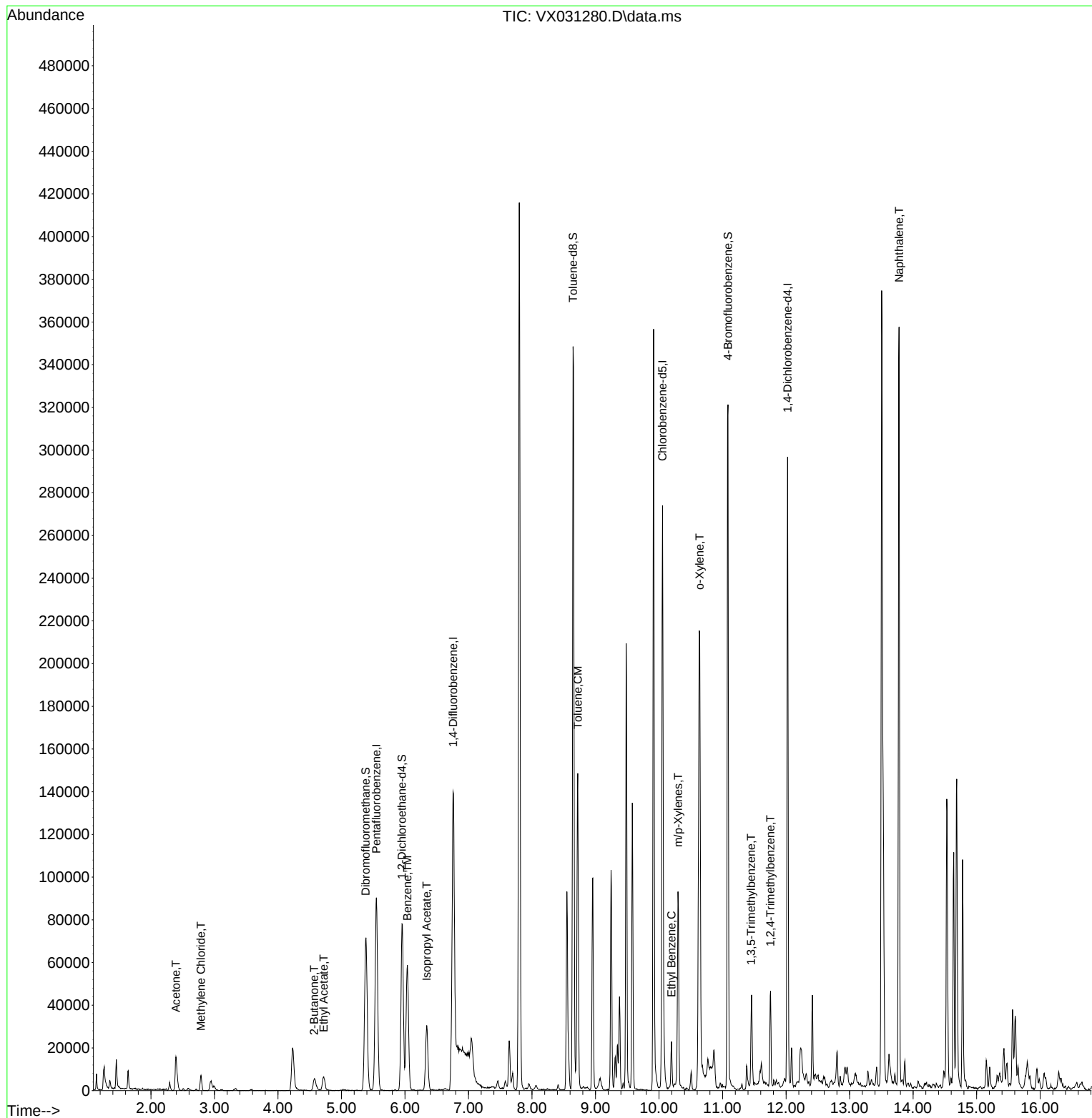
Internal Standards						
1) Pentafluorobenzene	5.550	168	77959	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	125511	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	116334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89283	48.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.740%
35) Dibromofluoromethane	5.379	113	61836	45.211	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.647	98	212167	42.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.400%#
62) 4-Bromofluorobenzene	11.085	95	84217	46.246	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	18476	28.910	ug/l	# 86
20) Methylene Chloride	2.788	84	3445	2.294	ug/l	# 85
25) 2-Butanone	4.568	43	7152	7.555	ug/l	96
37) Ethyl Acetate	4.721	43	10339	5.690	ug/l	# 87
40) Benzene	6.037	78	73404	13.192	ug/l	98
43) Isopropyl Acetate	6.342	43	39034	13.625	ug/l	# 93
52) Toluene	8.720	92	55130	15.022	ug/l	98
67) Ethyl Benzene	10.195	91	12013	1.935	ug/l	100
68) m/p-Xylenes	10.299	106	20842	9.058	ug/l	85
69) o-Xylene	10.640	106	13499	5.878	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	6606	1.540	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	18065	4.331	ug/l	78
95) Naphthalene	13.780	128	216820	46.822	ug/l	99

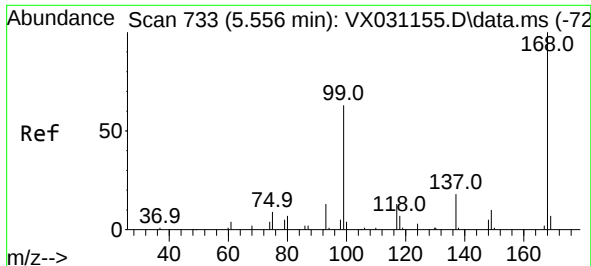
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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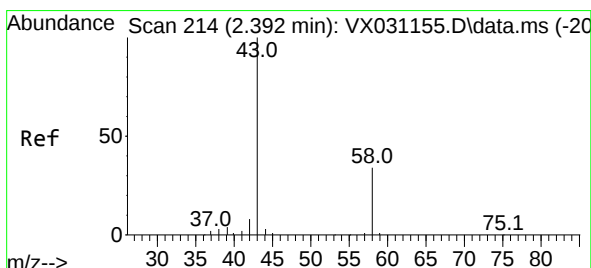
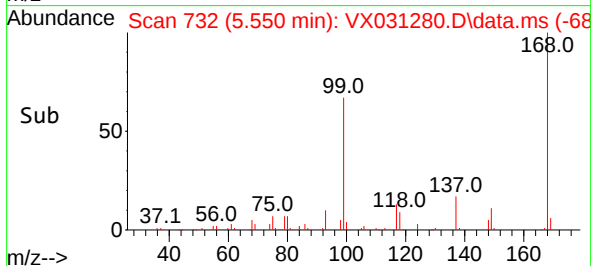
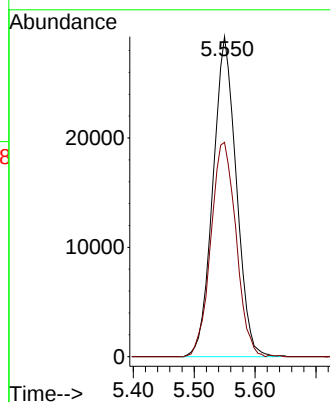
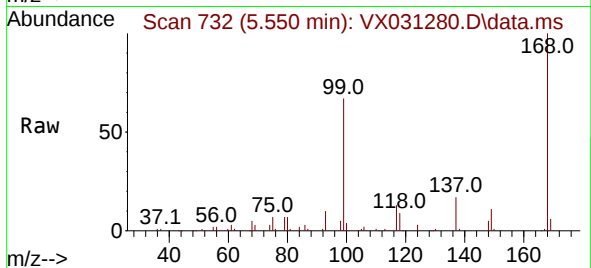




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

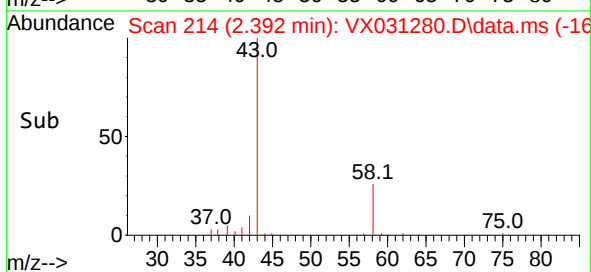
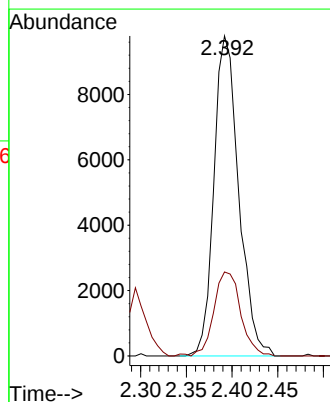
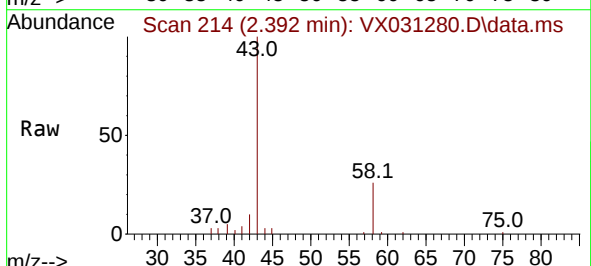
Instrument :
MSVOA_X
ClientSampleId :
090722-A

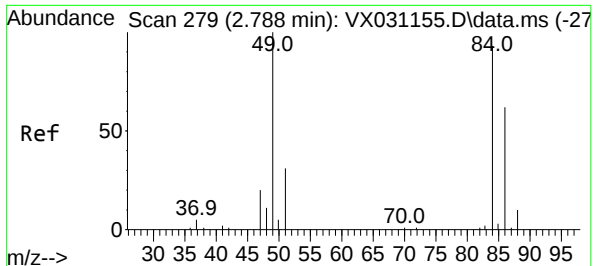
Tgt Ion:168 Resp: 77959
Ion Ratio Lower Upper
168 100
99 67.0 44.0 66.0#



#16
Acetone
Concen: 28.910 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

Tgt Ion: 43 Resp: 18476
Ion Ratio Lower Upper
43 100
58 26.2 27.7 41.5#





#20

Methylene Chloride

Concen: 2.294 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

090722-A

Tgt Ion: 84 Resp: 3445

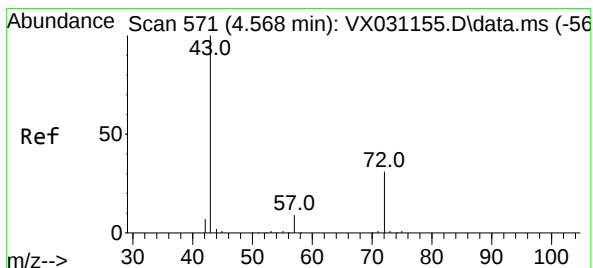
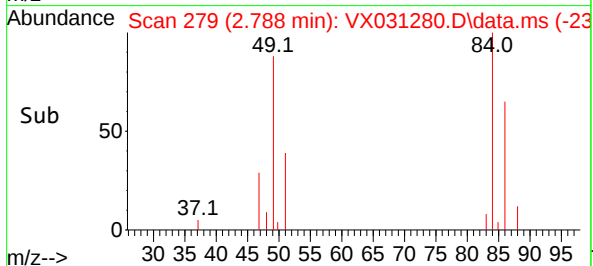
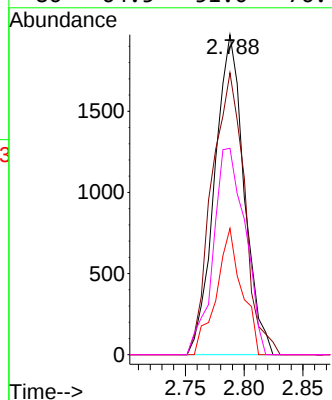
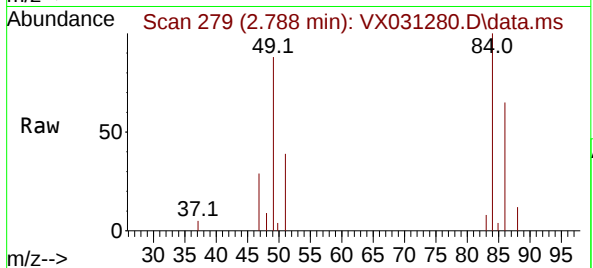
Ion Ratio Lower Upper

84 100

49 88.1 93.8 140.6#

51 39.5 29.4 44.0

86 64.5 51.0 76.4



#25

2-Butanone

Concen: 7.555 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX031280.D

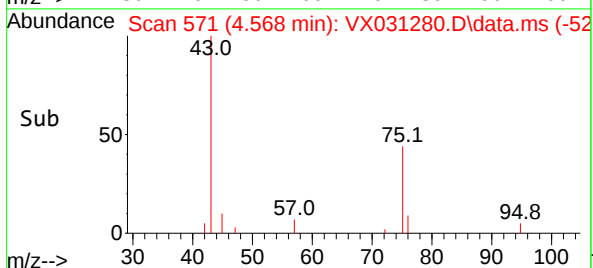
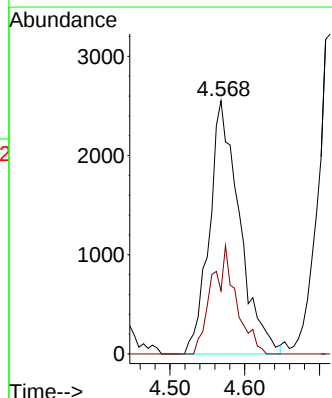
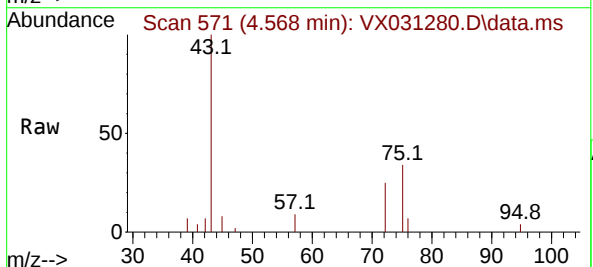
Acq: 12 Sep 2022 17:50

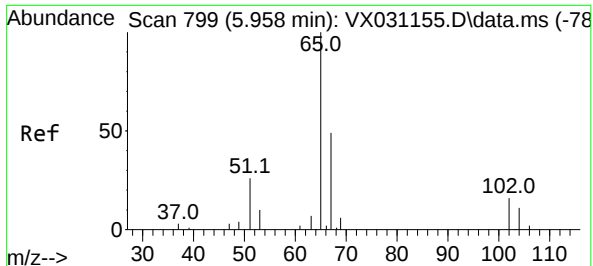
Tgt Ion: 43 Resp: 7152

Ion Ratio Lower Upper

43 100

72 25.0 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 48.373 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

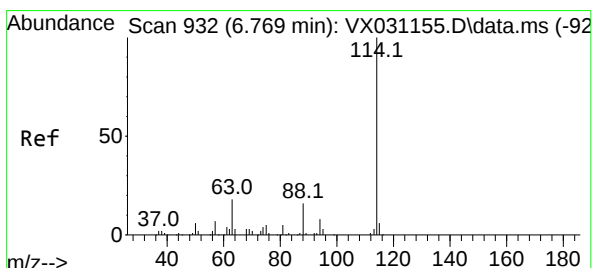
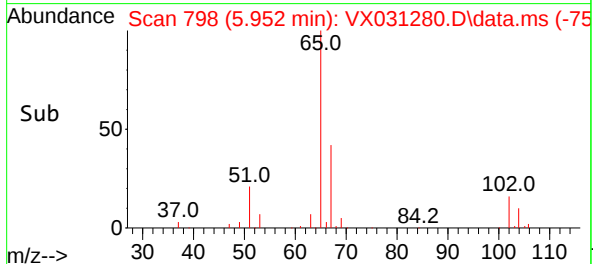
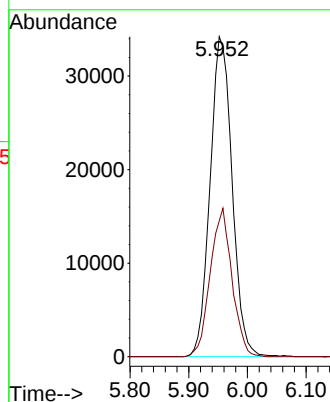
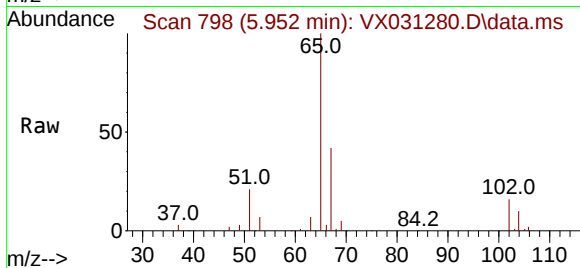
090722-A

Tgt Ion: 65 Resp: 89283

Ion Ratio Lower Upper

65 100

67 45.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.012 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

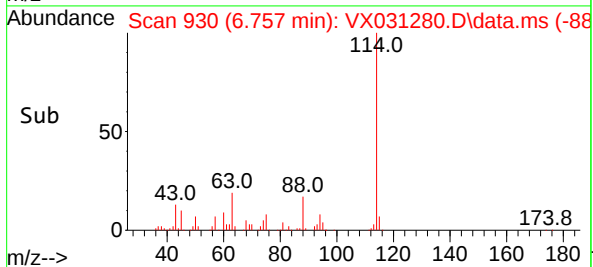
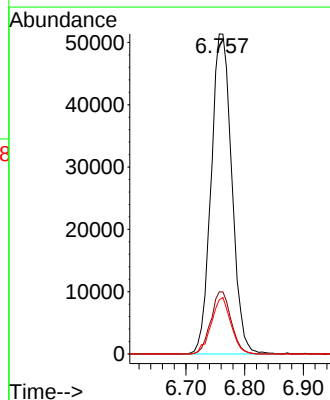
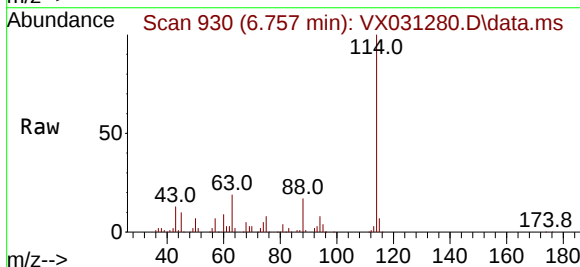
Tgt Ion: 114 Resp: 125511

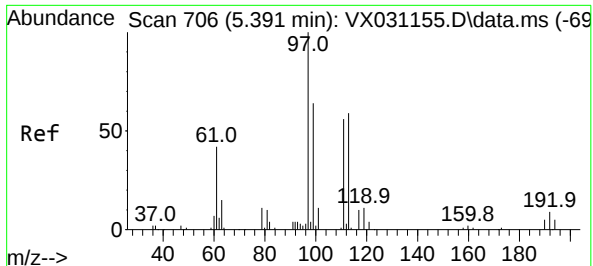
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.211 ug/l

RT: 5.379 min Scan# 706

Delta R.T. -0.012 min

Lab File: VX031280.D

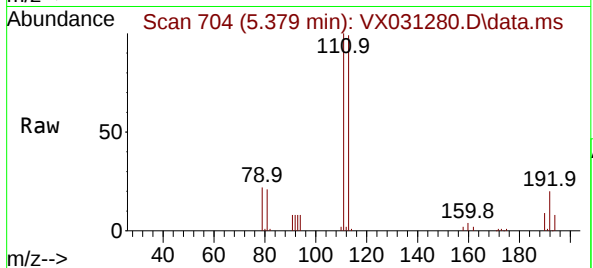
Acq: 12 Sep 2022 17:50

Instrument :

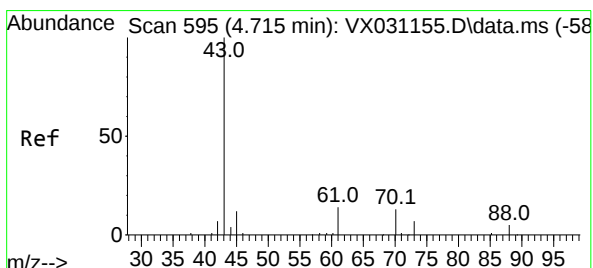
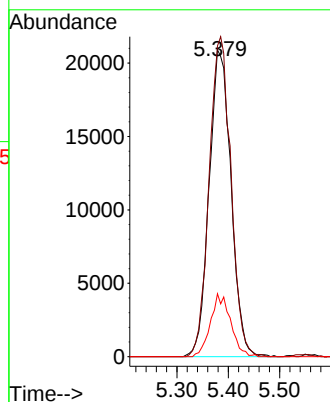
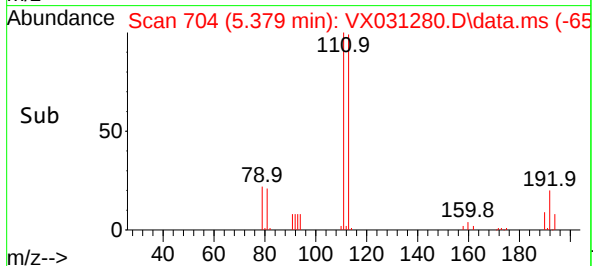
MSVOA_X

ClientSampleId :

090722-A



Tgt Ion:	113	Resp:	61836
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	18.9	14.8	22.2



#37

Ethyl Acetate

Concen: 5.690 ug/l

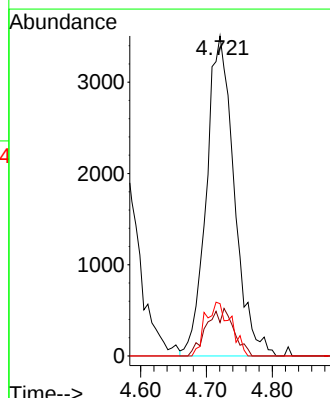
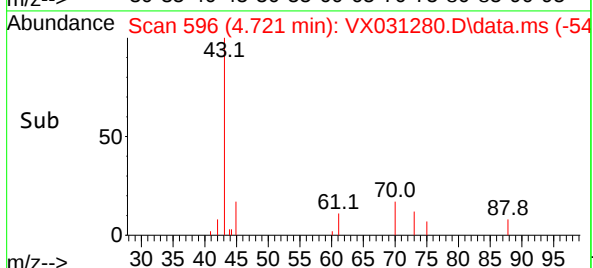
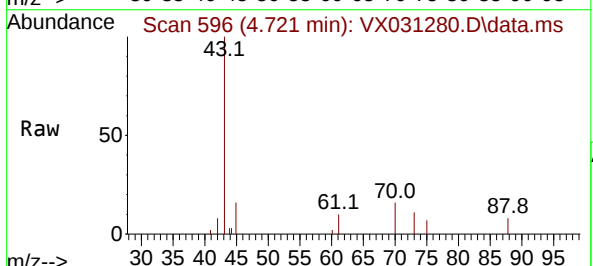
RT: 4.721 min Scan# 596

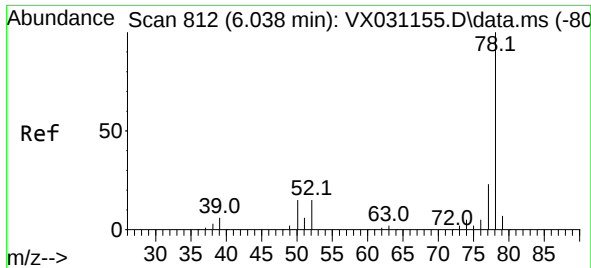
Delta R.T. 0.006 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

Tgt Ion:	43	Resp:	10339
Ion	Ratio	Lower	Upper
43	100		
61	7.9	11.7	17.5#
70	15.3	9.3	13.9#





#40

Benzene

Concen: 13.192 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

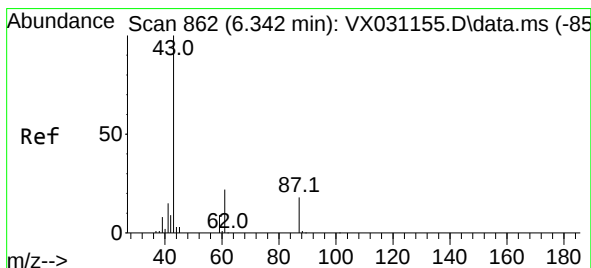
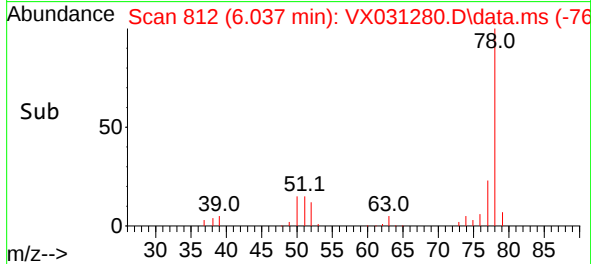
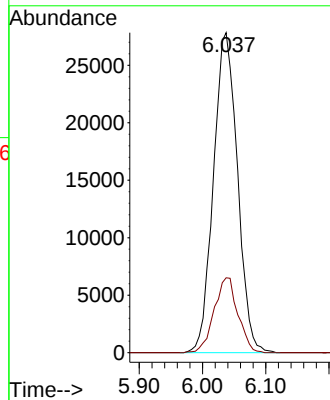
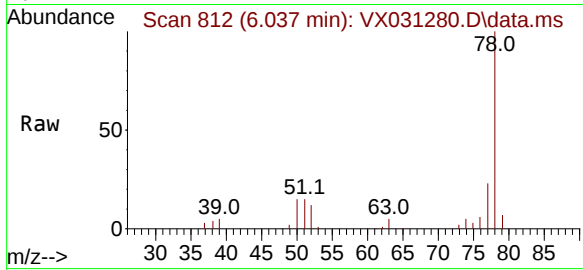
090722-A

Tgt Ion: 78 Resp: 73404

Ion Ratio Lower Upper

78 100

77 23.4 18.0 27.0



#43

Isopropyl Acetate

Concen: 13.625 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

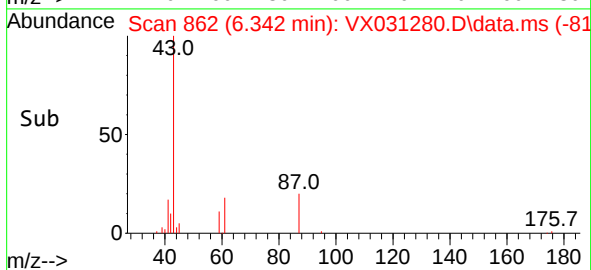
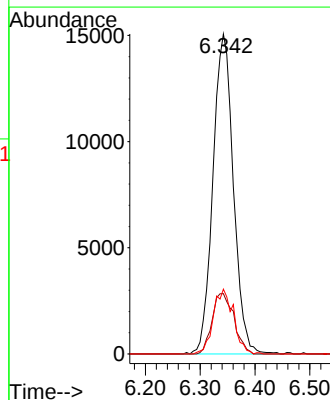
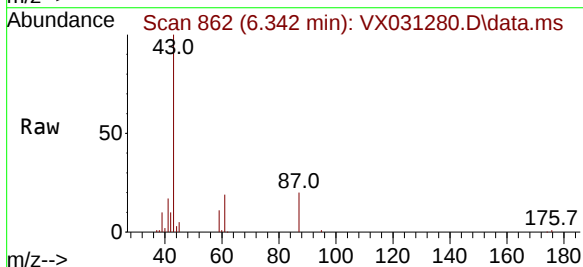
Tgt Ion: 43 Resp: 39034

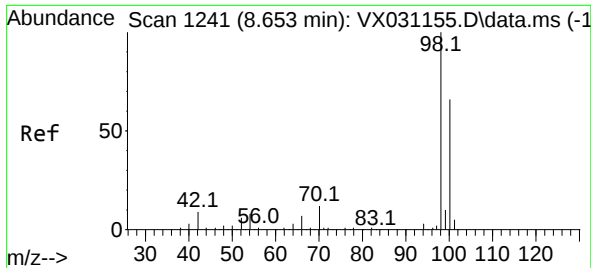
Ion Ratio Lower Upper

43 100

61 20.2 16.5 24.7

87 20.1 11.1 16.7#

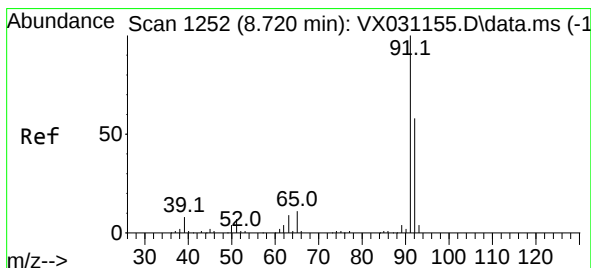
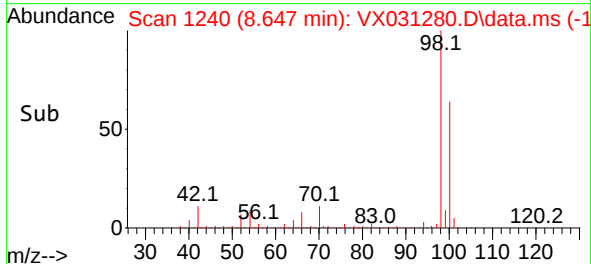
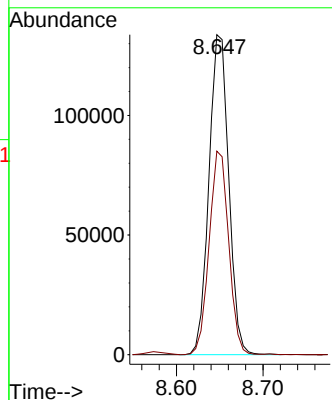
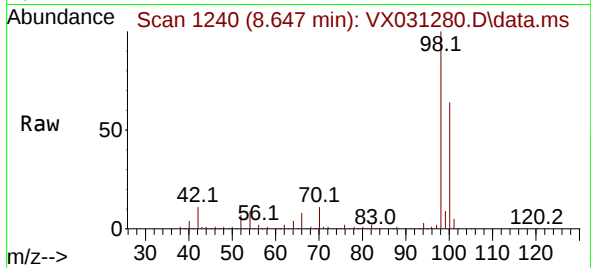




#50
Toluene-d8
Concen: 42.696 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

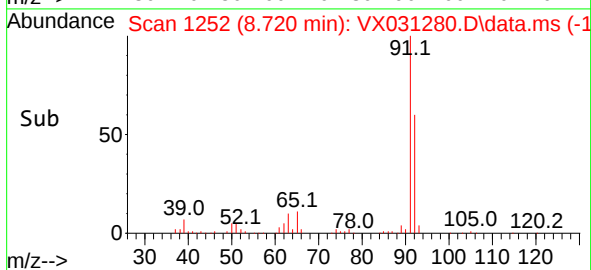
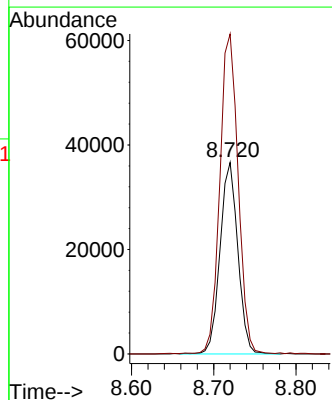
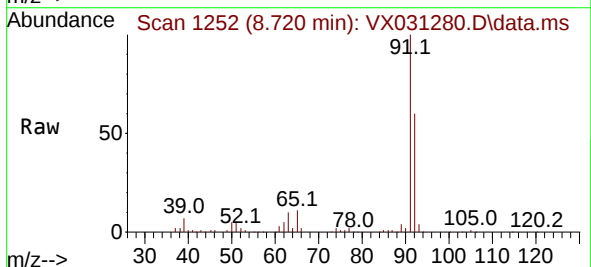
Instrument :
MSVOA_X
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090722-A

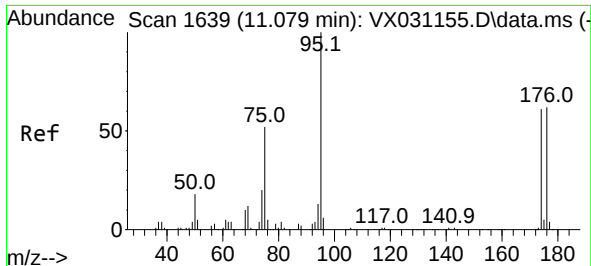
Tgt Ion: 98 Resp: 212167
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5



#52
Toluene
Concen: 15.022 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

Tgt Ion: 92 Resp: 55130
Ion Ratio Lower Upper
92 100
91 171.4 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 46.246 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

090722-A

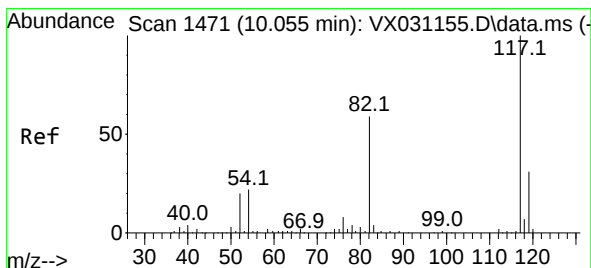
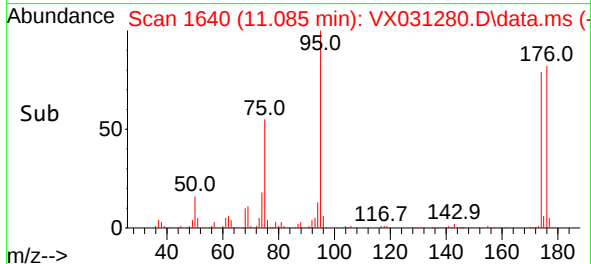
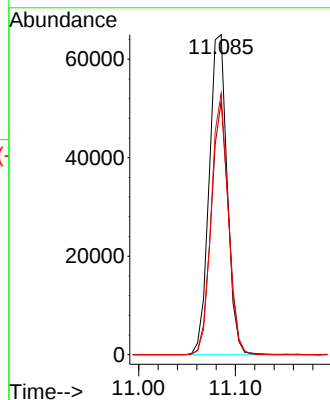
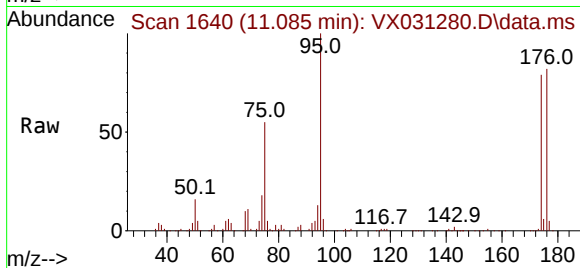
Tgt Ion: 95 Resp: 84217

Ion Ratio Lower Upper

95 100

174 75.7 0.0 149.0

176 76.5 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: VX031280.D

Acq: 12 Sep 2022 17:50

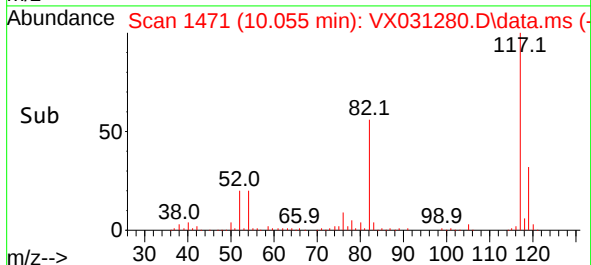
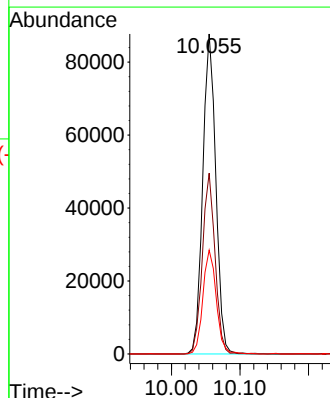
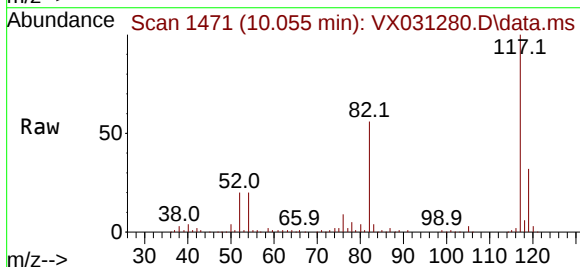
Tgt Ion: 117 Resp: 116334

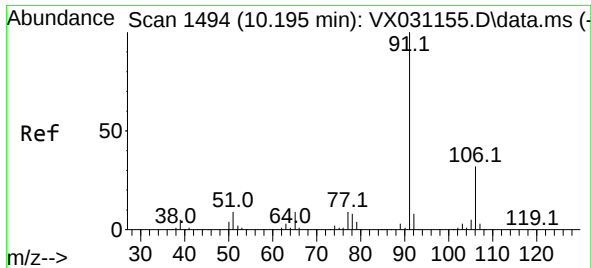
Ion Ratio Lower Upper

117 100

82 56.5 42.7 64.1

119 32.5 25.4 38.2

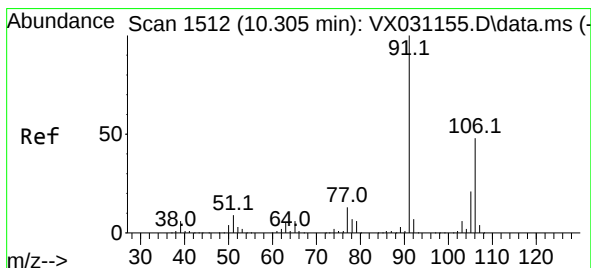
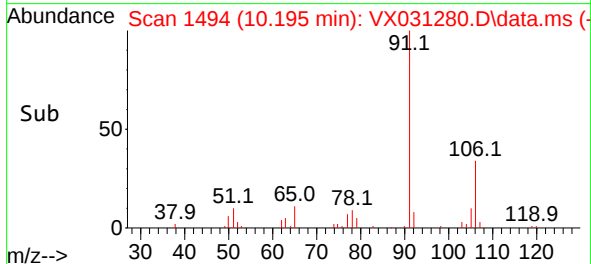
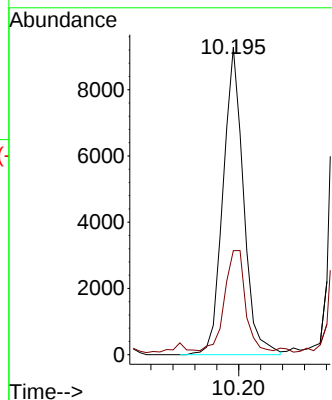
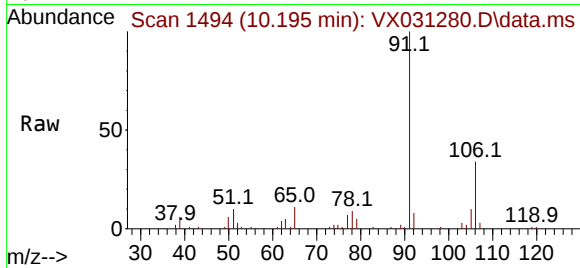




#67
Ethyl Benzene
Concen: 1.935 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

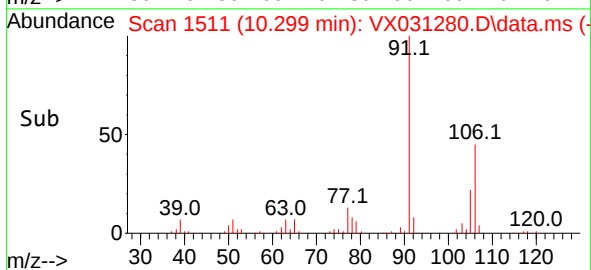
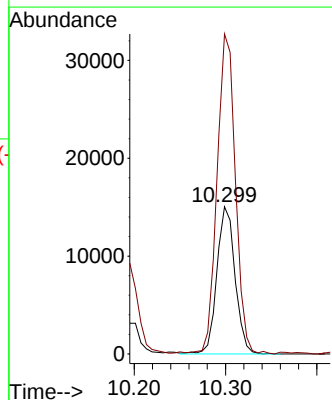
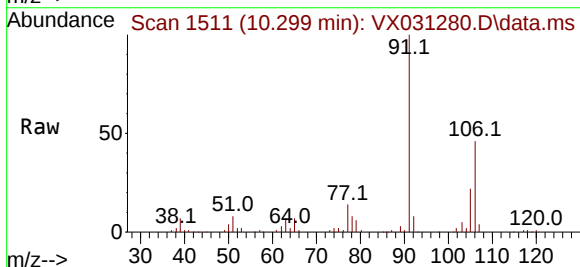
Instrument :
MSVOA_X
ClientSampleId :
090722-A

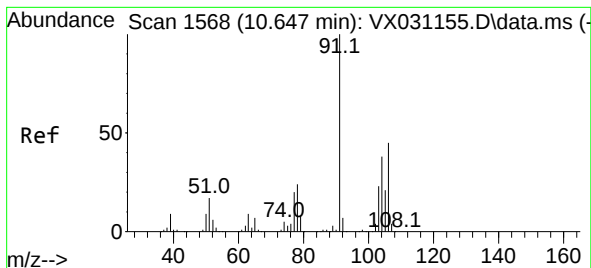
Tgt Ion: 91 Resp: 12013
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 9.058 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

Tgt Ion: 106 Resp: 20842
Ion Ratio Lower Upper
106 100
91 220.2 158.2 237.4





#69

o-Xylene

Concen: 5.878 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

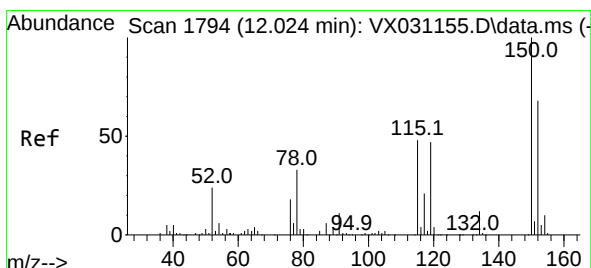
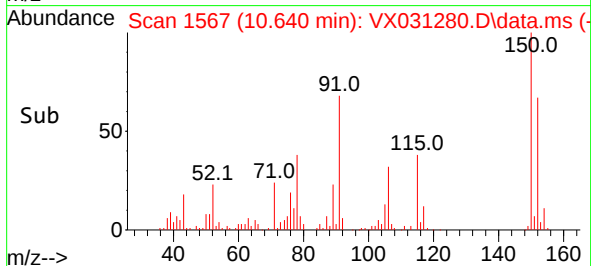
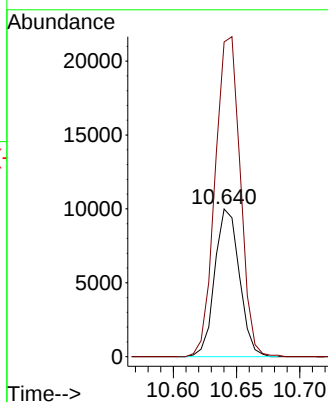
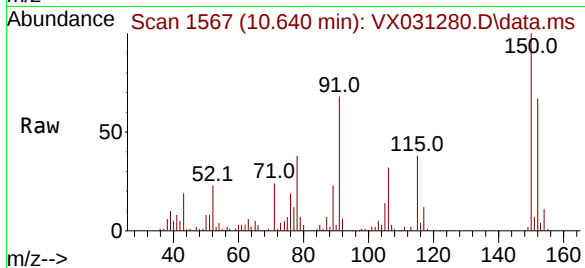
090722-A

Tgt Ion:106 Resp: 13499

Ion Ratio Lower Upper

106 100

91 221.6 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX031280.D

Acq: 12 Sep 2022 17:50

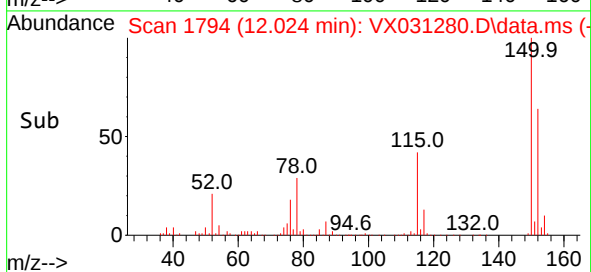
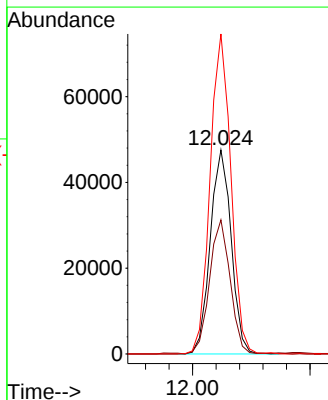
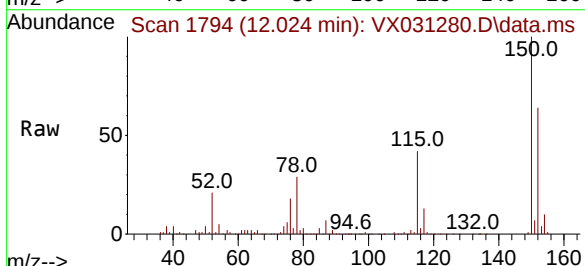
Tgt Ion:152 Resp: 58767

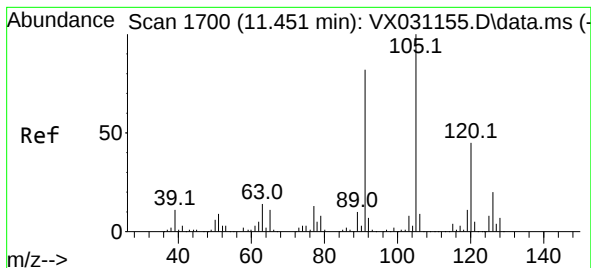
Ion Ratio Lower Upper

152 100

115 65.2 40.5 121.5

150 155.7 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: VX031280.D

Acq: 12 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

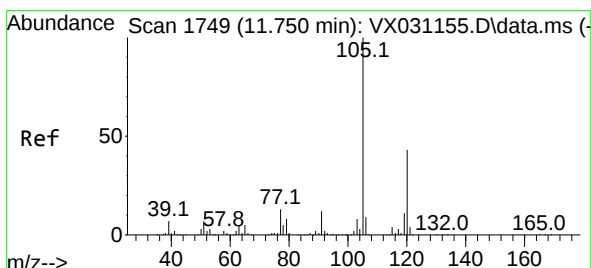
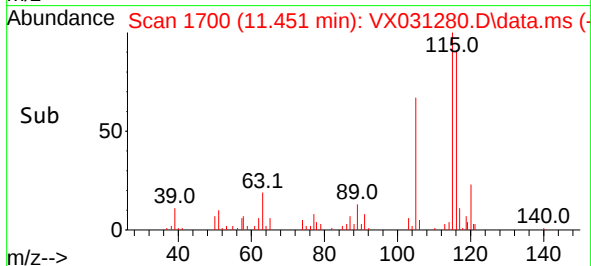
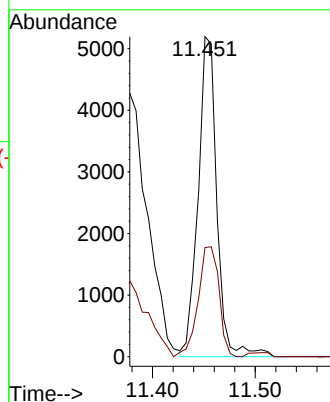
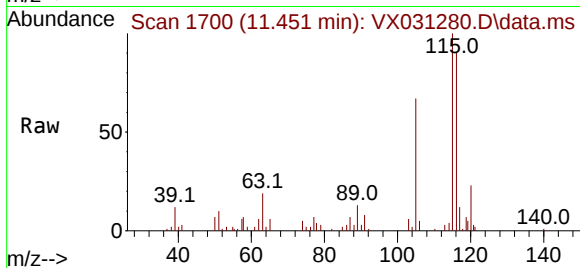
090722-A

Tgt Ion:105 Resp: 6606

Ion Ratio Lower Upper

105 100

120 38.1 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 4.331 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031280.D

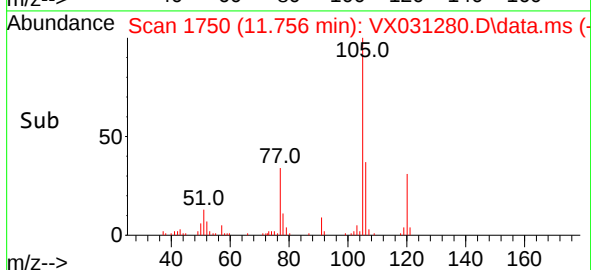
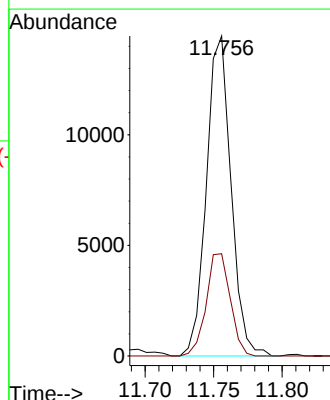
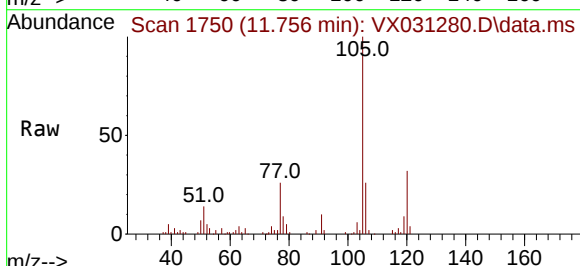
Acq: 12 Sep 2022 17:50

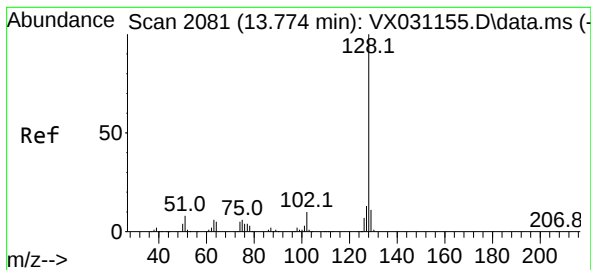
Tgt Ion:105 Resp: 18065

Ion Ratio Lower Upper

105 100

120 31.2 22.9 68.8





#95
Naphthalene
Concen: 46.822 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031280.D
Acq: 12 Sep 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
090722-A

Tgt Ion:128 Resp: 216820
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 13.0

