

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031654.D
 Acq On : 26 Sep 2022 17:26
 Operator : JC/MD
 Sample : N4641-12DL 5X
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22021-6DL

Quant Time: Sep 27 01:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

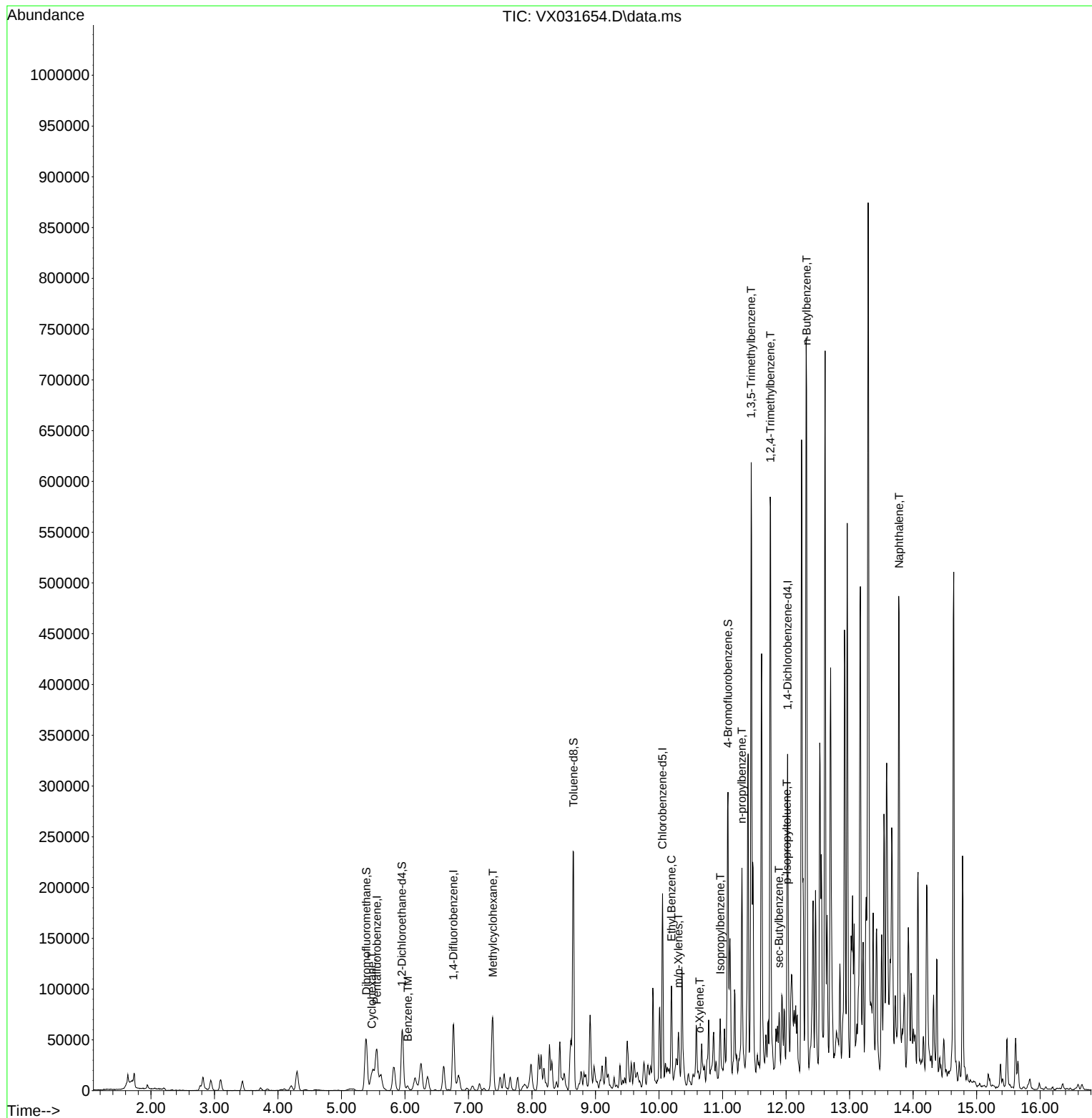
Internal Standards						
1) Pentafluorobenzene	5.556	168	39077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	67960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55830	67.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 134.640%#	
35) Dibromofluoromethane	5.391	113	42843	52.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.820%	
50) Toluene-d8	8.653	98	136385	46.457	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.920%	
62) 4-Bromofluorobenzene	11.085	95	54018	50.203	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	12265	15.553	ug/l #	84
39) Methylcyclohexane	7.385	83	30803	29.072	ug/l	92
40) Benzene	6.044	78	5278	1.848	ug/l	97
67) Ethyl Benzene	10.195	91	42788	11.427	ug/l	97
68) m/p-Xylenes	10.305	106	8474	5.633	ug/l	95
69) o-Xylene	10.640	106	709	0.482	ug/l	64
73) Isopropylbenzene	10.963	105	23029	6.148	ug/l	99
78) n-propylbenzene	11.305	91	113835	27.309	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	246308	77.569	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	235571	74.950	ug/l	98
85) sec-Butylbenzene	11.890	105	18264	4.693	ug/l #	56
86) p-Isopropyltoluene	12.012	119	9595	2.859	ug/l	96
89) n-Butylbenzene	12.323	91	103928	37.911	ug/l #	22
95) Naphthalene	13.780	128	306243	84.802	ug/l	99

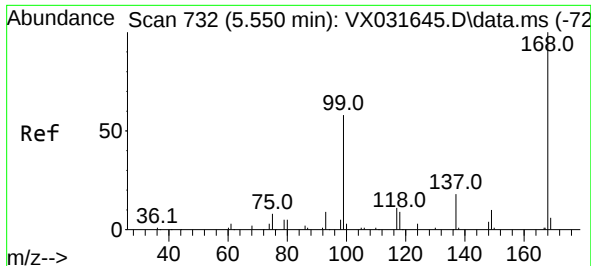
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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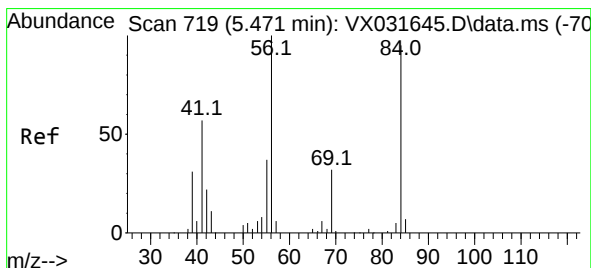
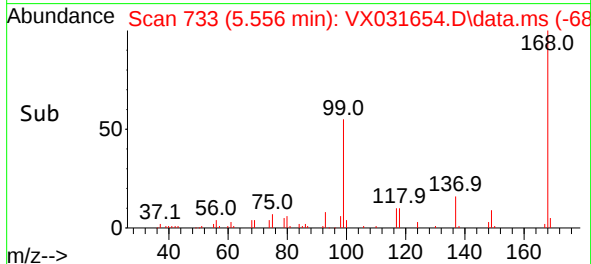
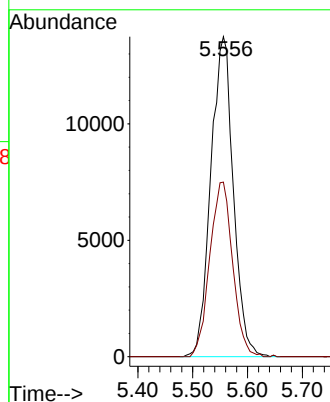
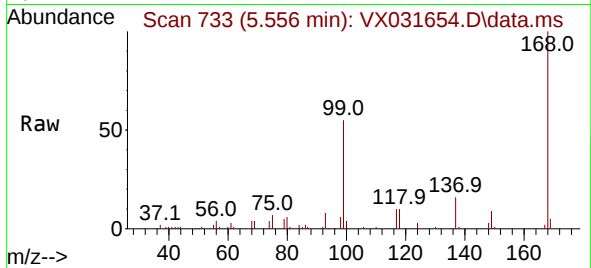




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

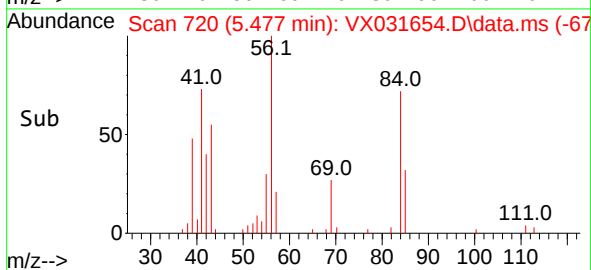
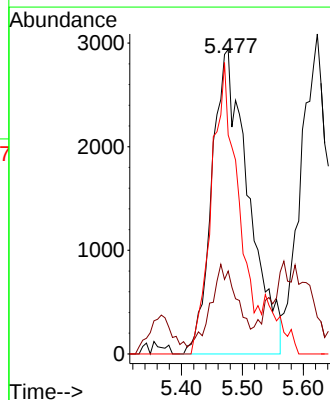
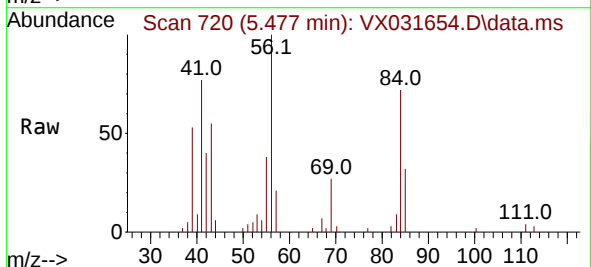
Instrument :
MSVOA_X
ClientSampleId :
D22021-6DL

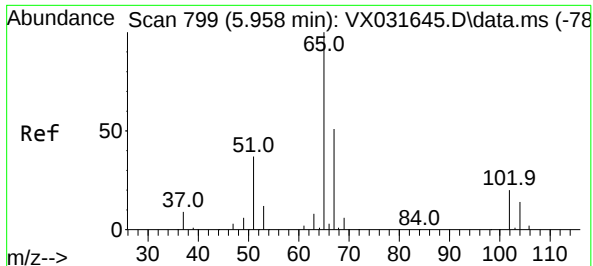
Tgt Ion:168 Resp: 39077
Ion Ratio Lower Upper
168 100
99 54.6 48.8 73.2



#31
Cyclohexane
Concen: 15.553 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

Tgt Ion: 56 Resp: 12265
Ion Ratio Lower Upper
56 100
69 24.1 25.1 37.7#
84 71.8 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 67.316 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

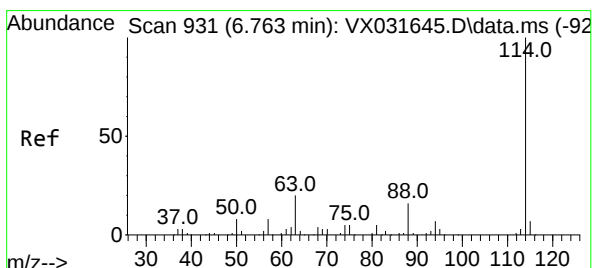
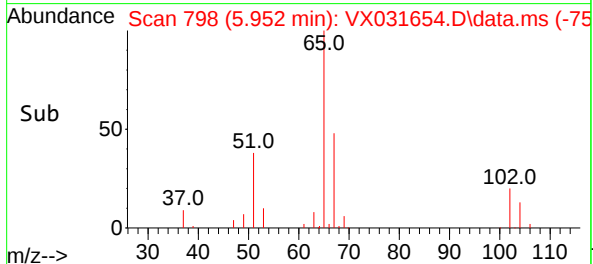
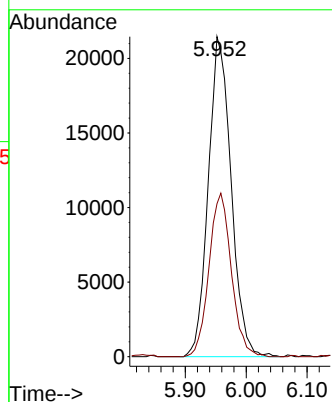
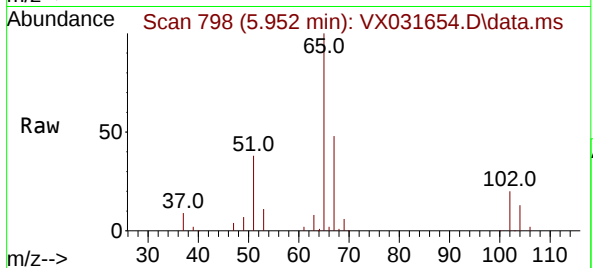
D22021-6DL

Tgt Ion: 65 Resp: 55830

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

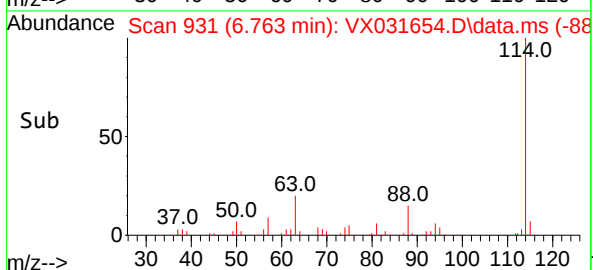
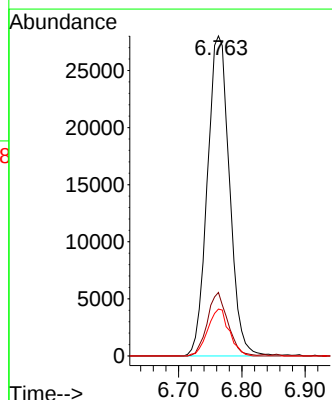
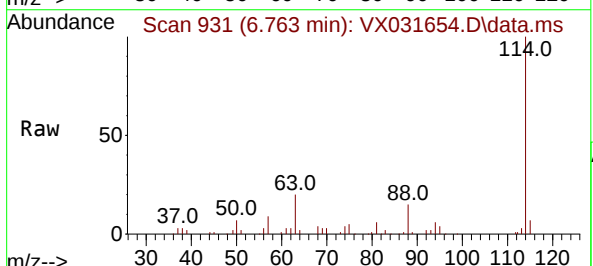
Tgt Ion: 114 Resp: 67960

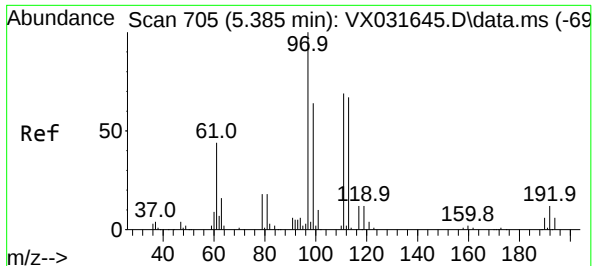
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.908 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031654.D

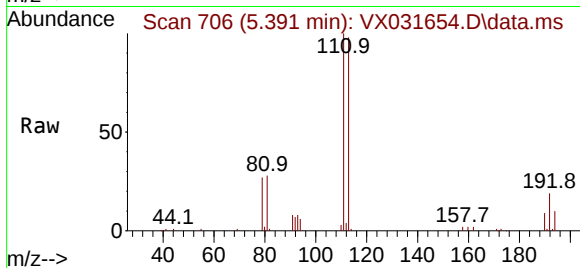
Acq: 26 Sep 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

D22021-6DL



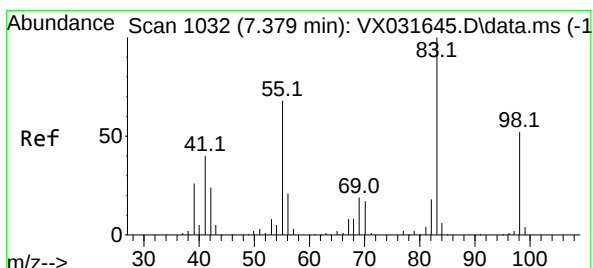
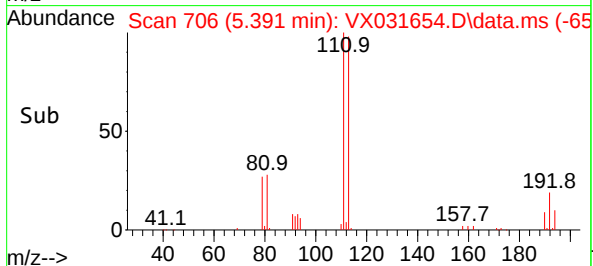
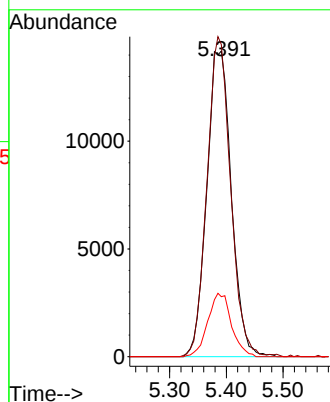
Tgt Ion:113 Resp: 42843

Ion Ratio Lower Upper

113 100

111 99.9 82.4 123.6

192 19.9 14.1 21.1



#39

Methylcyclohexane

Concen: 29.072 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

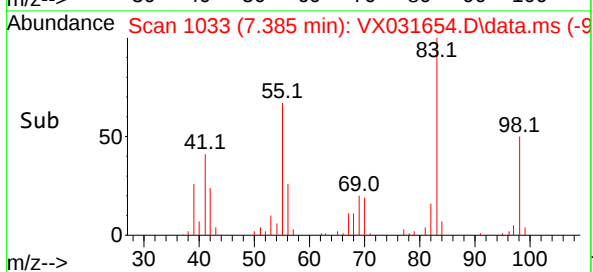
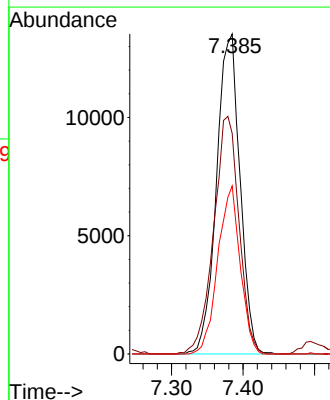
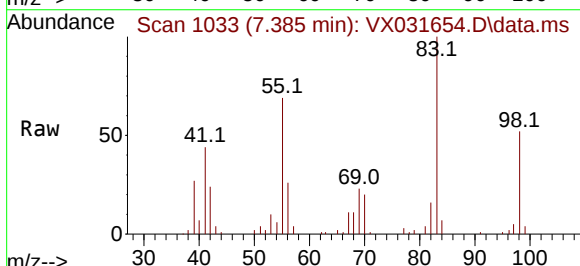
Tgt Ion: 83 Resp: 30803

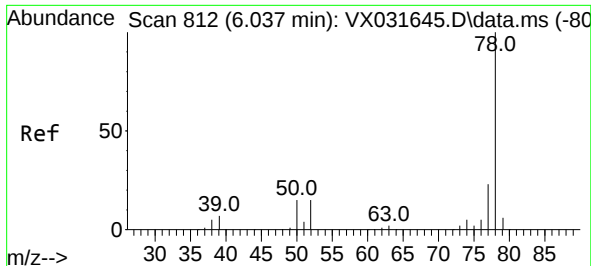
Ion Ratio Lower Upper

83 100

55 68.9 61.0 91.4

98 52.5 37.7 56.5





#40

Benzene

Concen: 1.848 ug/l

RT: 6.044 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

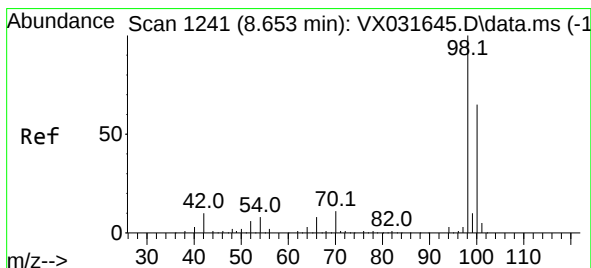
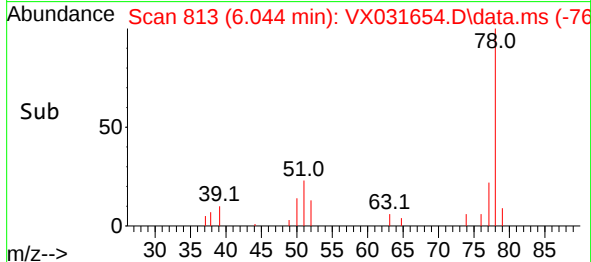
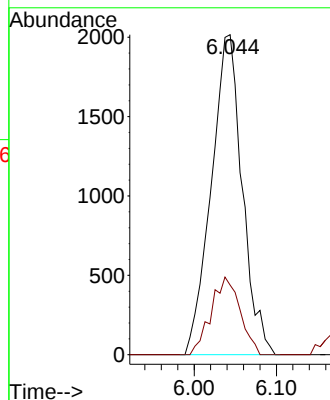
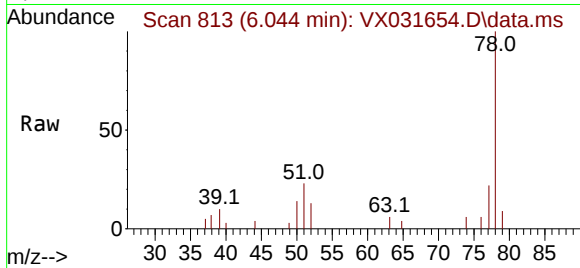
D22021-6DL

Tgt Ion: 78 Resp: 5278

Ion Ratio Lower Upper

78 100

77 21.8 18.7 28.1



#50

Toluene-d8

Concen: 46.457 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031654.D

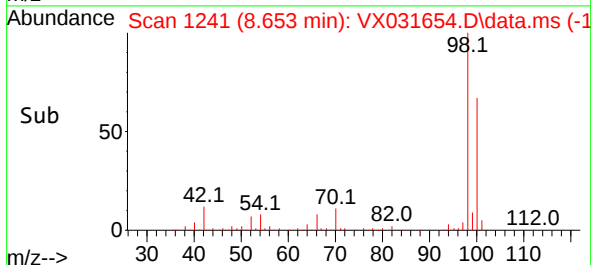
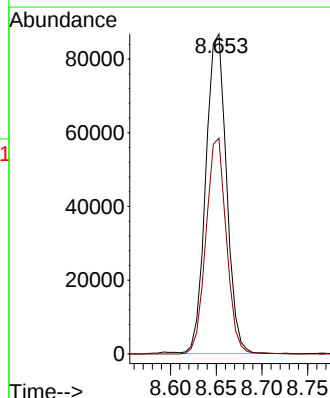
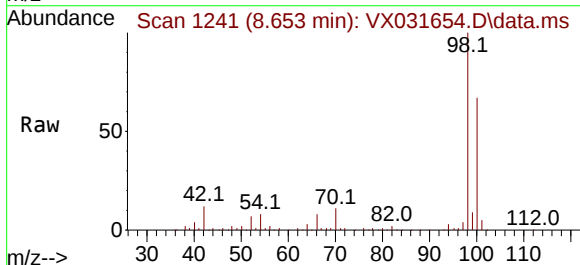
Acq: 26 Sep 2022 17:26

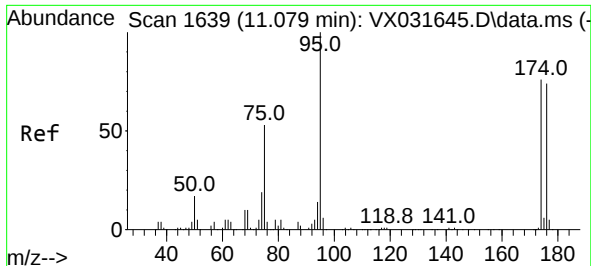
Tgt Ion: 98 Resp: 136385

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7

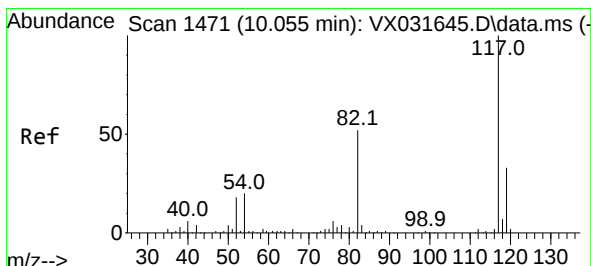
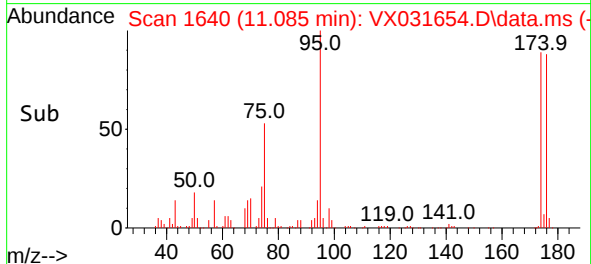
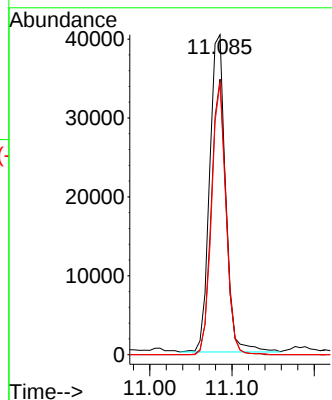
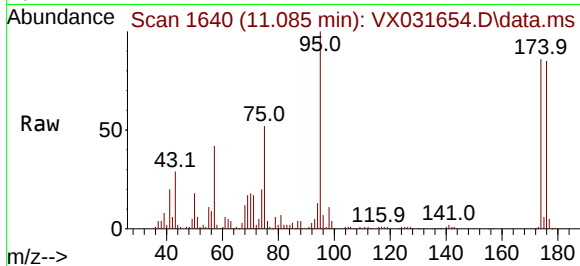




#62
4-Bromofluorobenzene
Concen: 50.203 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

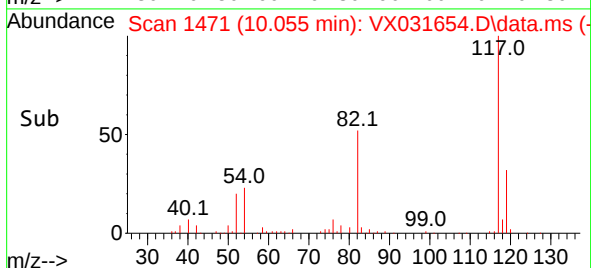
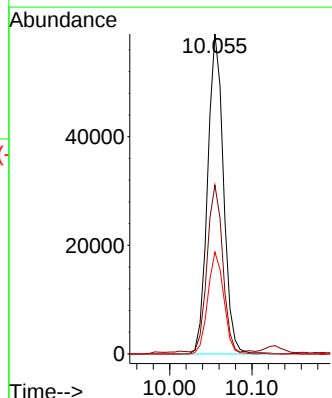
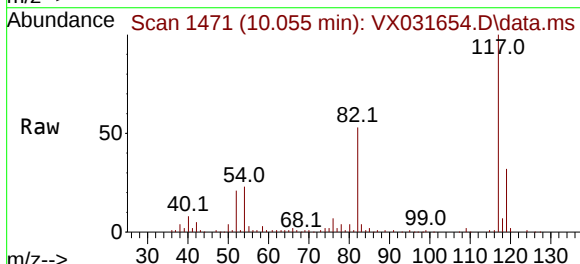
Instrument :
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ClientSampleId :
D22021-6DL

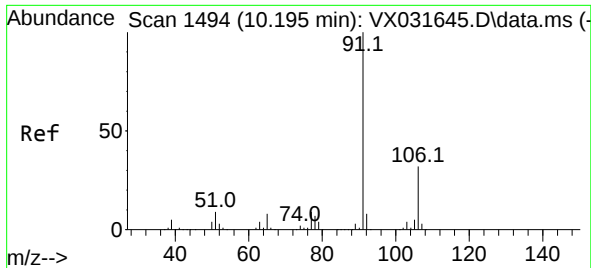
Tgt Ion: 95 Resp: 54018
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 77.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

Tgt Ion: 117 Resp: 79007
Ion Ratio Lower Upper
117 100
82 51.9 46.8 70.2
119 31.9 26.4 39.6

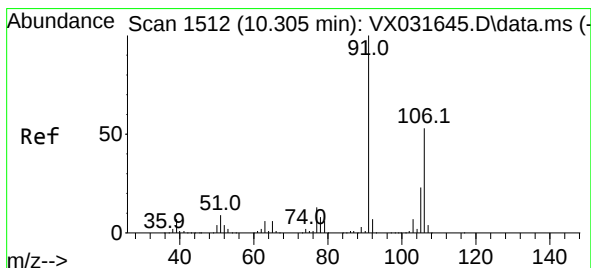
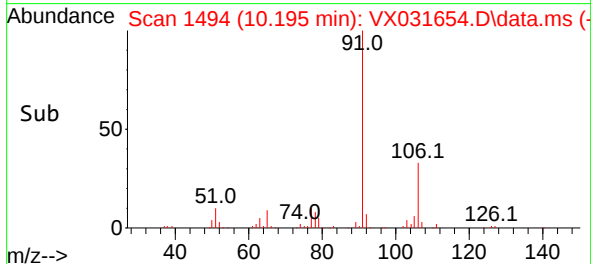
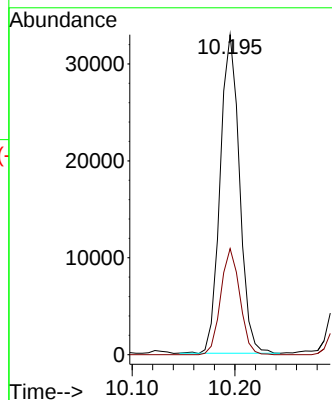
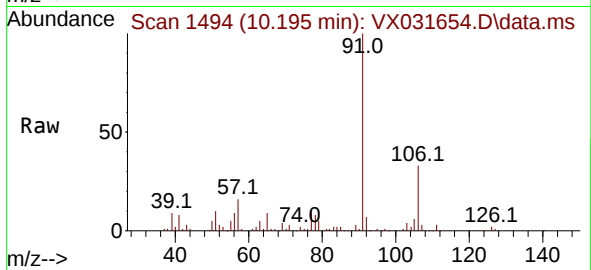




#67
Ethyl Benzene
Concen: 11.427 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

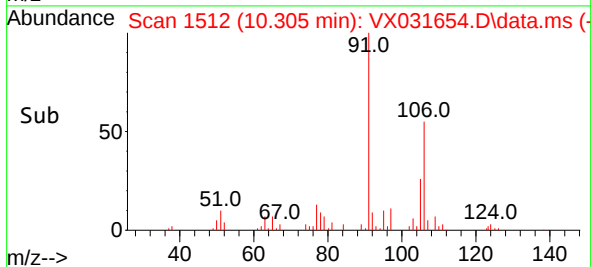
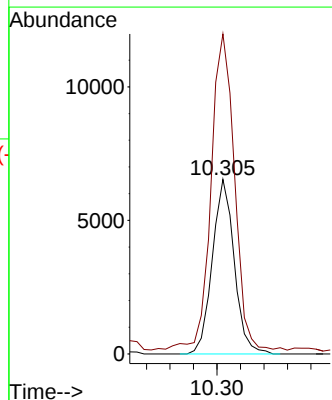
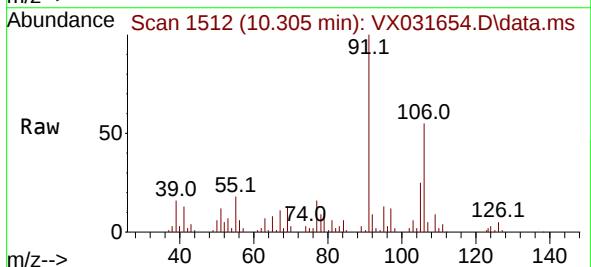
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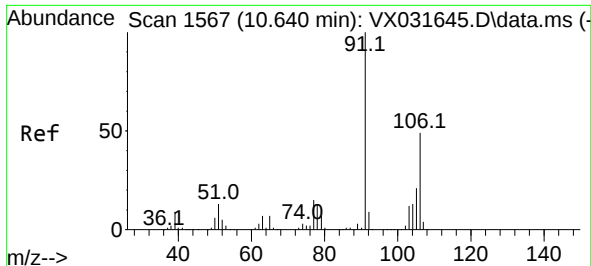
Tgt Ion: 91 Resp: 42788
Ion Ratio Lower Upper
91 100
106 33.3 25.2 37.8



#68
m/p-Xylenes
Concen: 5.633 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

Tgt Ion: 106 Resp: 8474
Ion Ratio Lower Upper
106 100
91 193.2 161.0 241.4

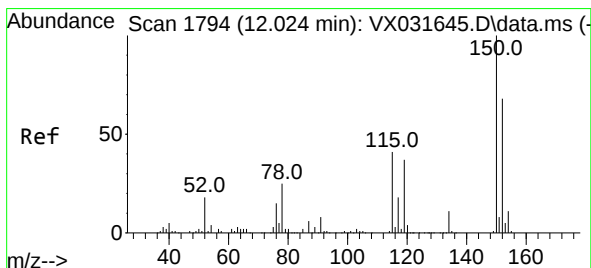
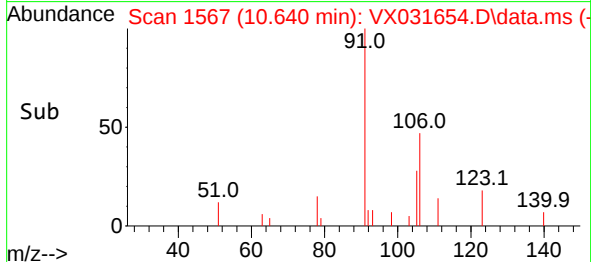
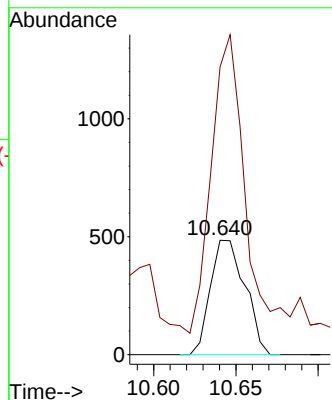
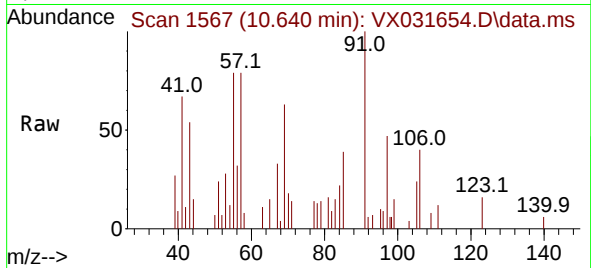




#69
o-Xylene
Concen: 0.482 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

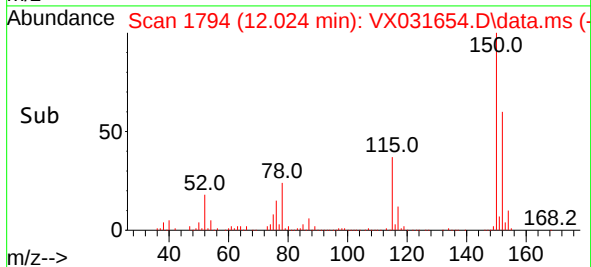
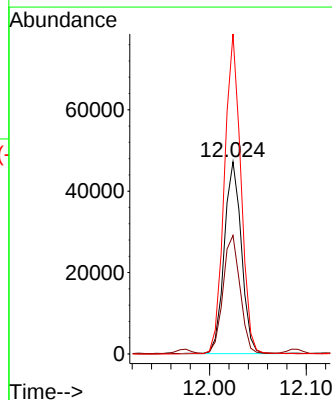
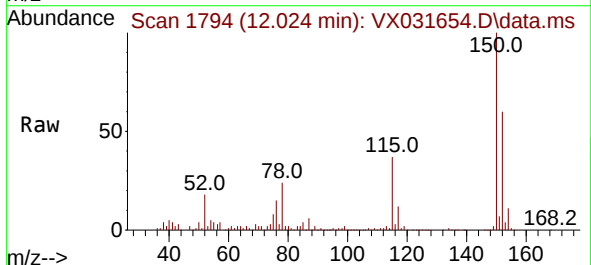
Instrument :
MSVOA_X
ClientSampleId :
D22021-6DL

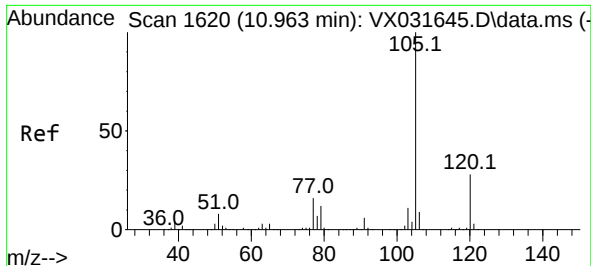
Tgt Ion:106 Resp: 709
Ion Ratio Lower Upper
106 100
91 271.9 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

Tgt Ion:152 Resp: 57923
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 160.7 0.0 346.8

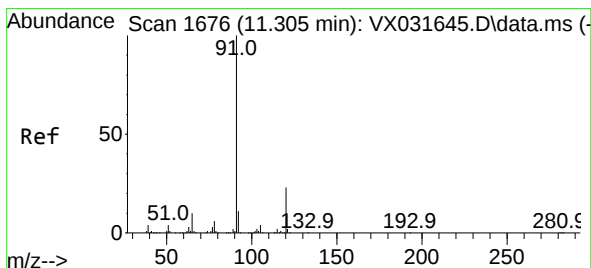
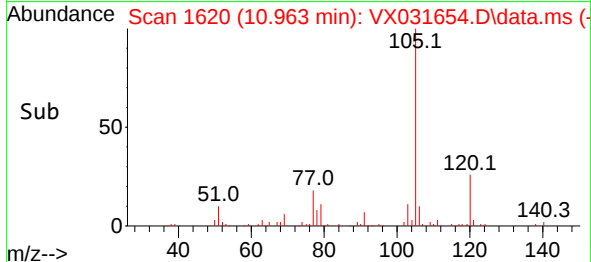
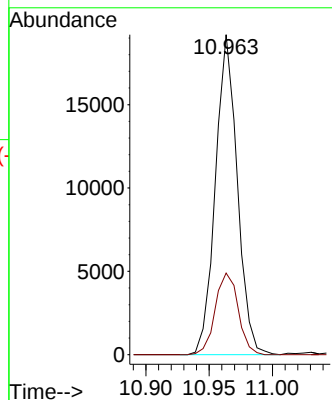
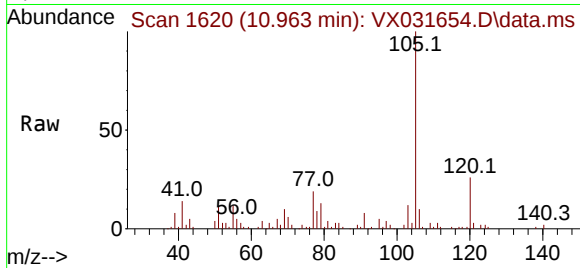




#73
Isopropylbenzene
Concen: 6.148 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

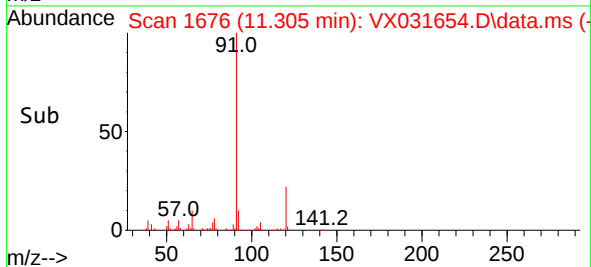
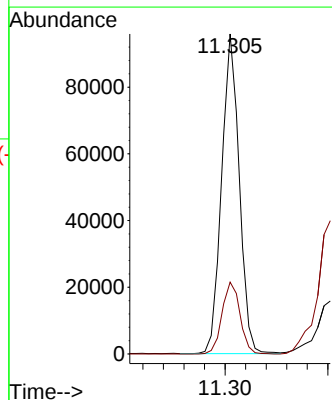
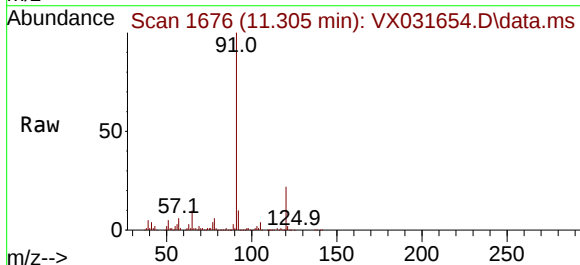
Instrument :
MSVOA_X
ClientSampleId :
D22021-6DL

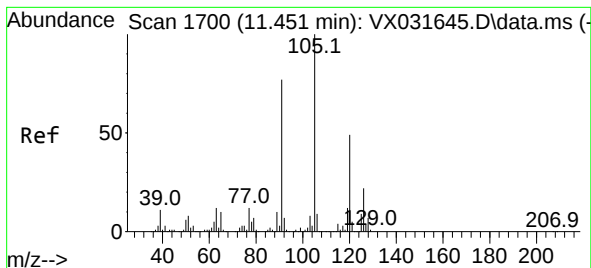
Tgt Ion:105 Resp: 23029
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#78
n-propylbenzene
Concen: 27.309 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031654.D
Acq: 26 Sep 2022 17:26

Tgt Ion: 91 Resp: 113835
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 77.569 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

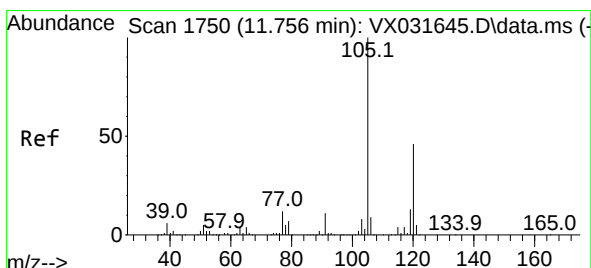
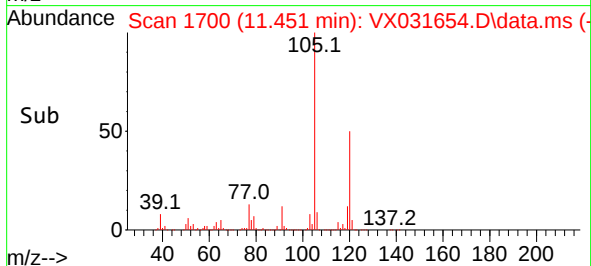
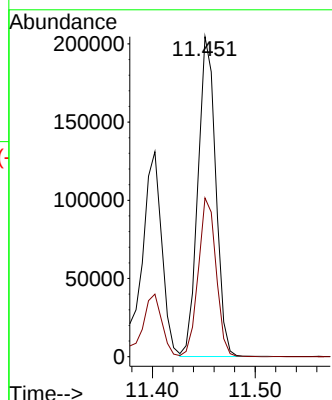
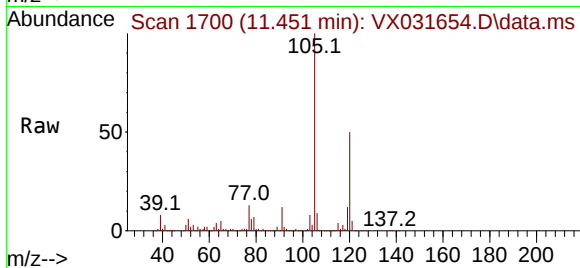
D22021-6DL

Tgt Ion:105 Resp: 246308

Ion Ratio Lower Upper

105 100

120 49.7 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 74.950 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX031654.D

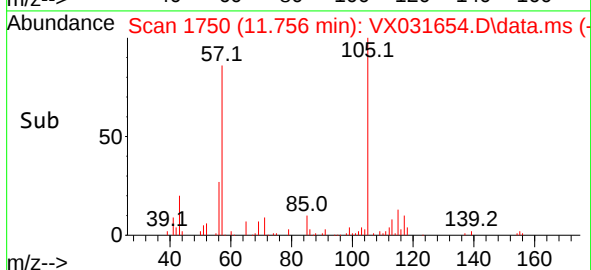
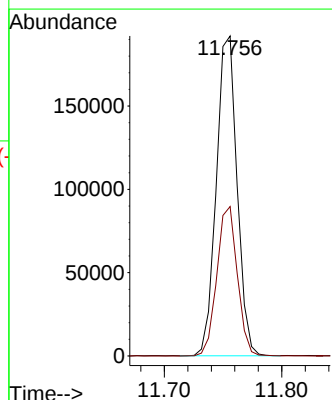
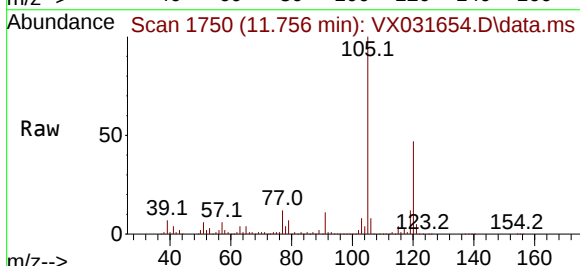
Acq: 26 Sep 2022 17:26

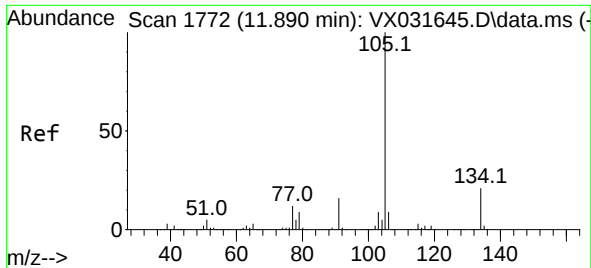
Tgt Ion:105 Resp: 235571

Ion Ratio Lower Upper

105 100

120 46.3 22.6 67.8

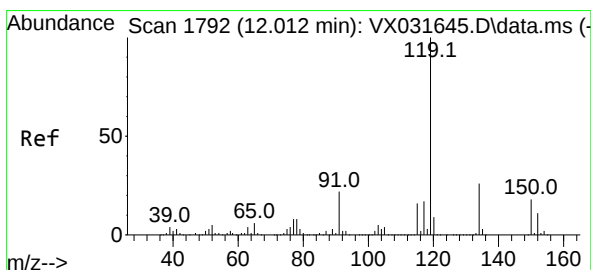
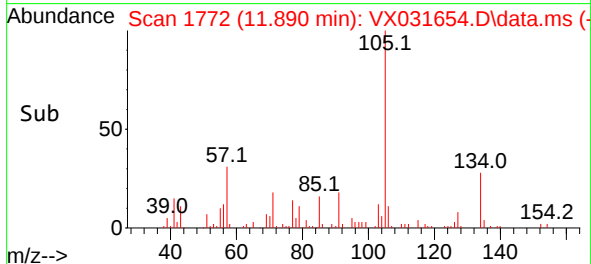
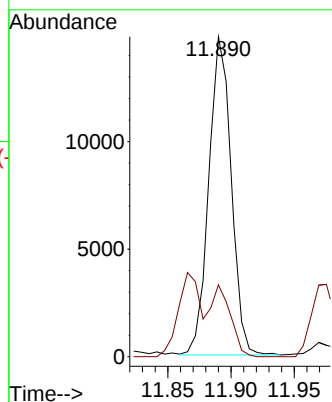
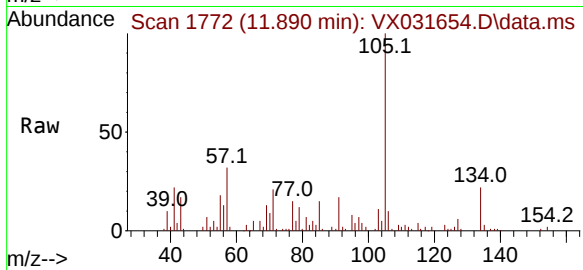




#85
 sec-Butylbenzene
 Concen: 4.693 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031654.D
 Acq: 26 Sep 2022 17:26

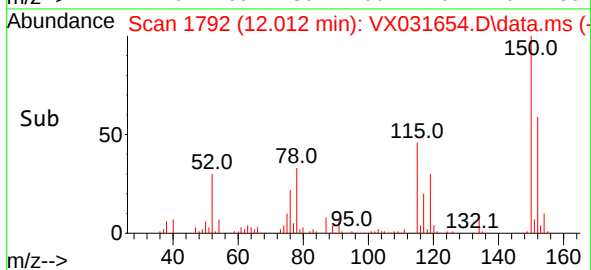
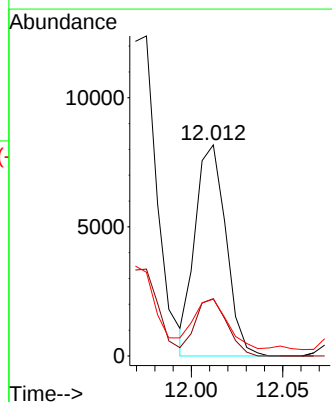
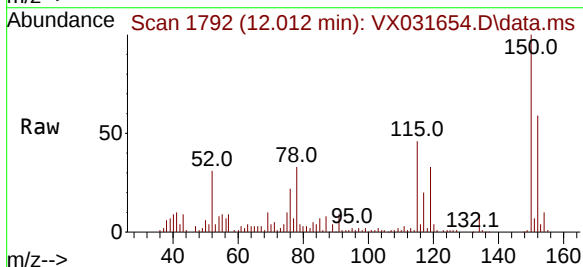
Instrument :
 MSVOA_X
 ClientSampleId :
 D22021-6DL

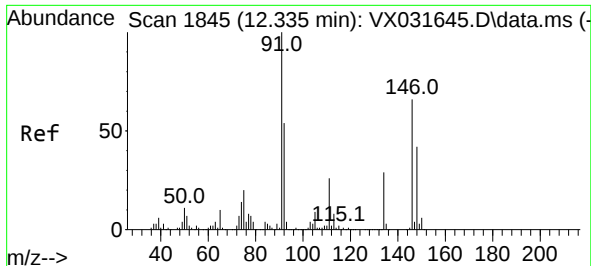
Tgt Ion:105 Resp: 18264
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.859 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031654.D
 Acq: 26 Sep 2022 17:26

Tgt Ion:119 Resp: 9595
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 28.2 12.4 37.2





#89

n-Butylbenzene

Concen: 37.911 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

D22021-6DL

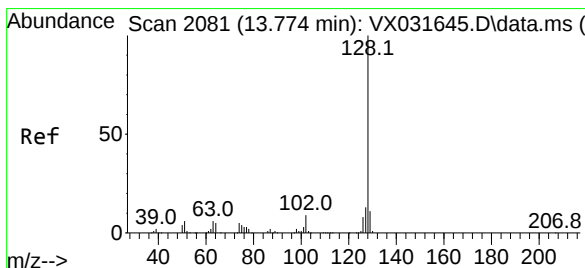
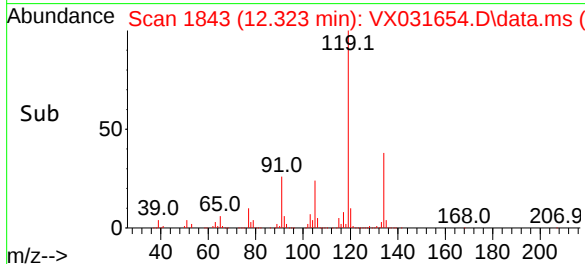
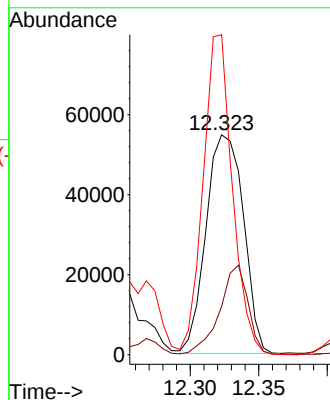
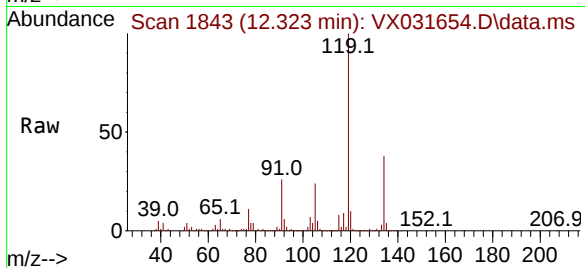
Tgt Ion: 91 Resp: 103928

Ion Ratio Lower Upper

91 100

92 31.2 27.0 81.0

134 114.5 13.3 39.9#



#95

Naphthalene

Concen: 84.802 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031654.D

Acq: 26 Sep 2022 17:26

Tgt Ion:128 Resp: 306243

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.7 8.8 13.2

