

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031840.D
 Acq On : 03 Oct 2022 17:53
 Operator : JC/MD
 Sample : N4864-10 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Oct 04 07:05:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

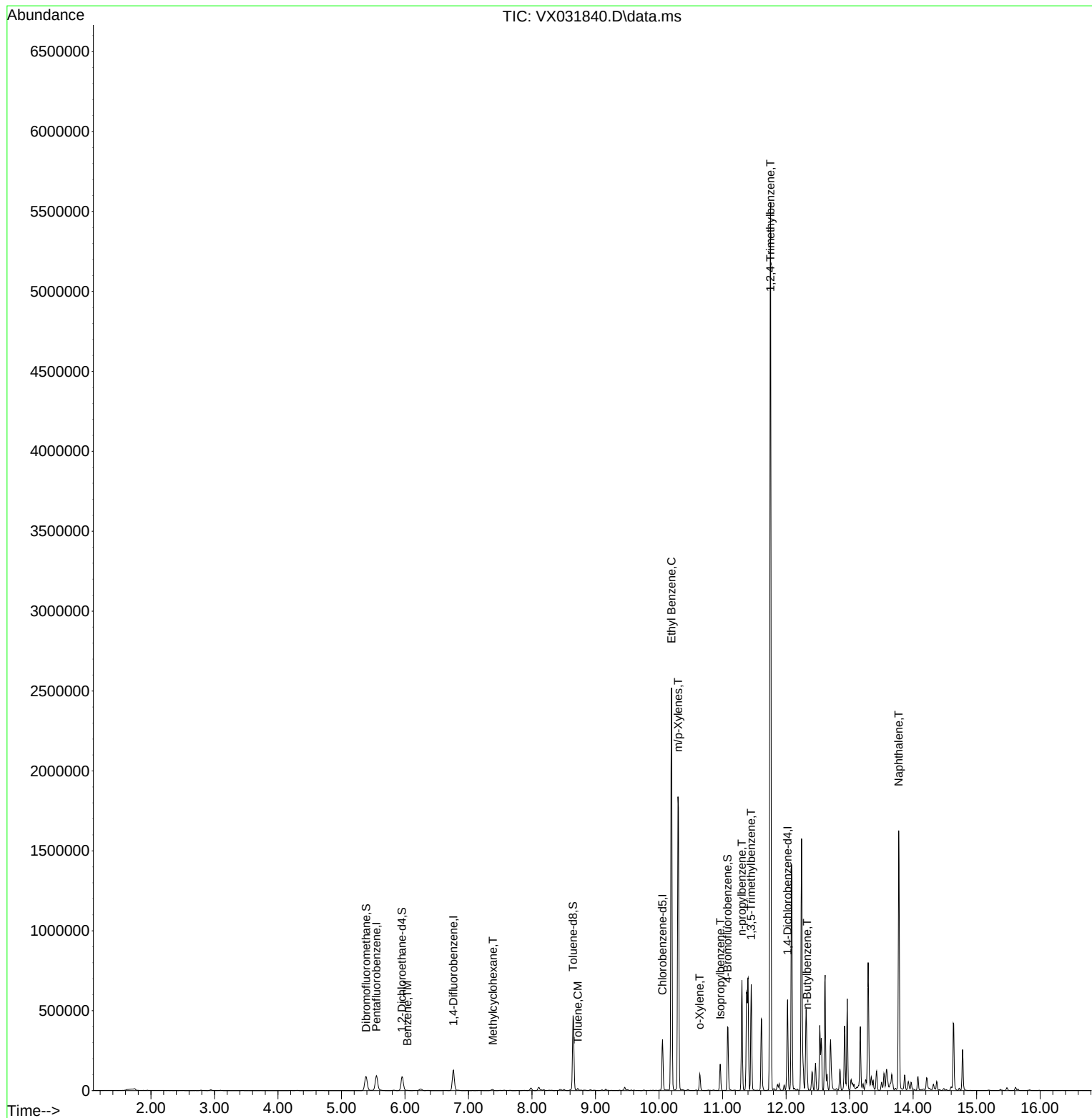
Internal Standards						
1) Pentafluorobenzene	5.550	168	92350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	141697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82296	49.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.480%		
35) Dibromofluoromethane	5.385	113	77328	45.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.860%		
50) Toluene-d8	8.647	98	289312	48.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	108137	49.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.720%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.385	83	2952	1.153	ug/l #	85
40) Benzene	6.038	78	2101	0.348	ug/l #	88
52) Toluene	8.720	92	4894	1.158	ug/l	100
67) Ethyl Benzene	10.195	91	1449694	186.948	ug/l	94
68) m/p-Xylenes	10.299	106	478273	149.394	ug/l	92
69) o-Xylene	10.640	106	24211	7.850	ug/l	95
73) Isopropylbenzene	10.963	105	86162	9.599	ug/l	98
78) n-propylbenzene	11.305	91	408901	41.679	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	288300	38.463	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	2509061	336.338	ug/l	93
89) n-Butylbenzene	12.329	91	69889	11.117	ug/l #	14
95) Naphthalene	13.774	128	1040040	121.944	ug/l	100

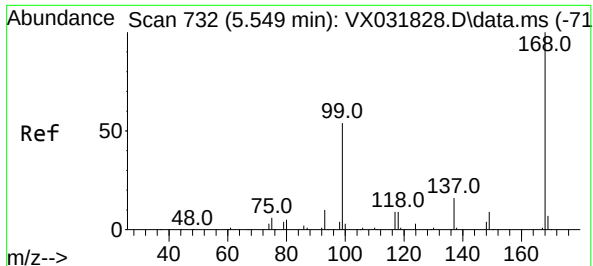
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
Data File : VX031840.D
Acq On : 03 Oct 2022 17:53
Operator : JC/MD
Sample : N4864-10 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Quant Time: Oct 04 07:05:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

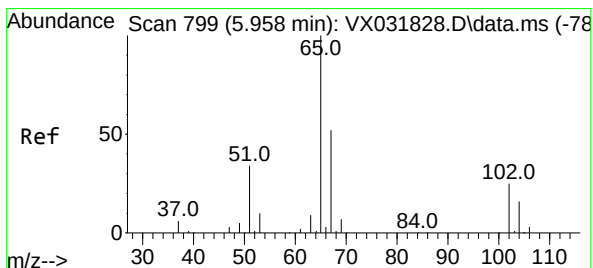
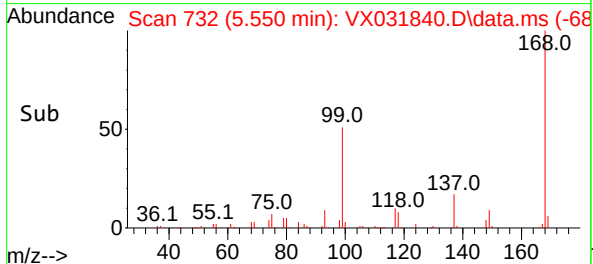
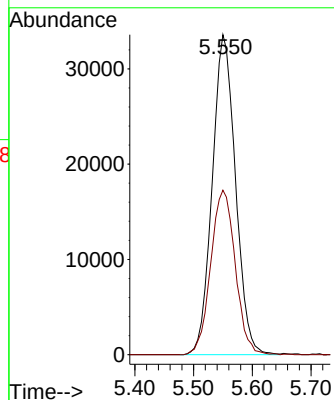
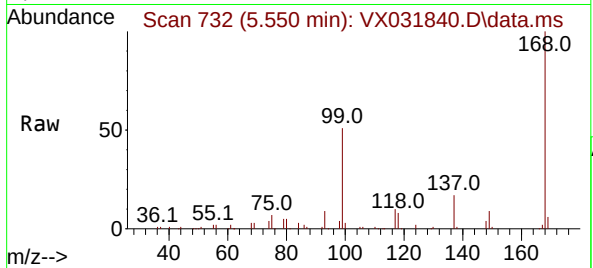




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

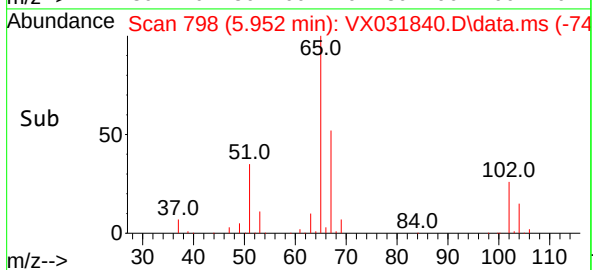
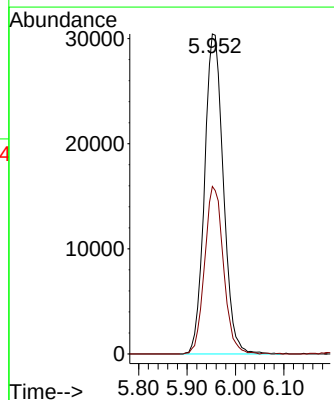
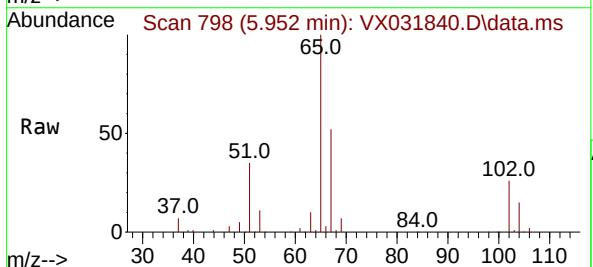
Instrument :
MSVOA_X
ClientSampleId :
MW-44

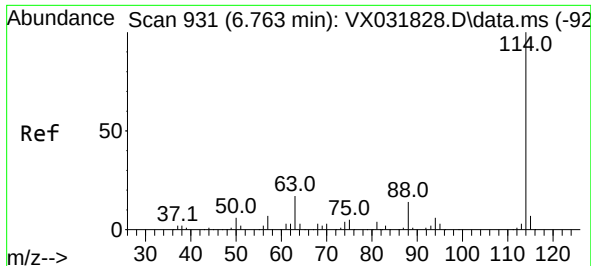
Tgt Ion:168 Resp: 92350
Ion Ratio Lower Upper
168 100
99 51.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.741 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

Tgt Ion: 65 Resp: 82296
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

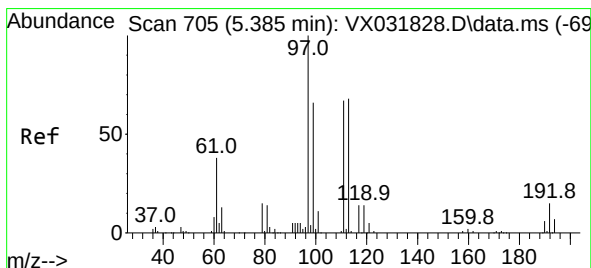
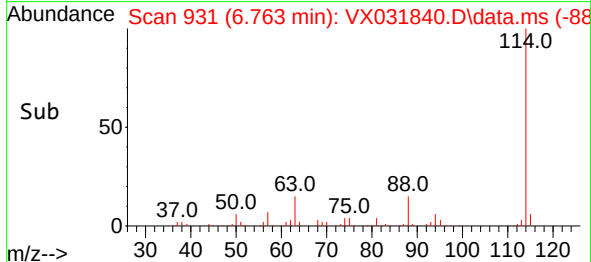
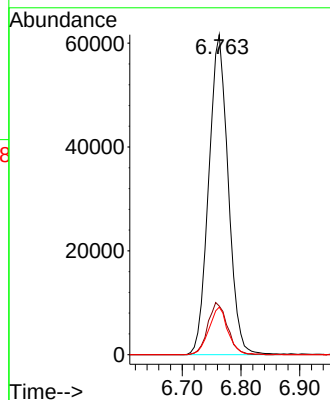
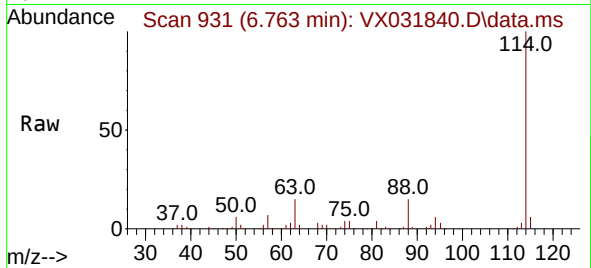




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

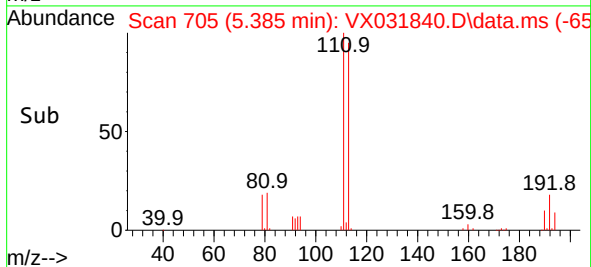
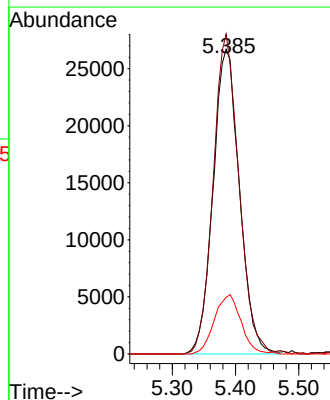
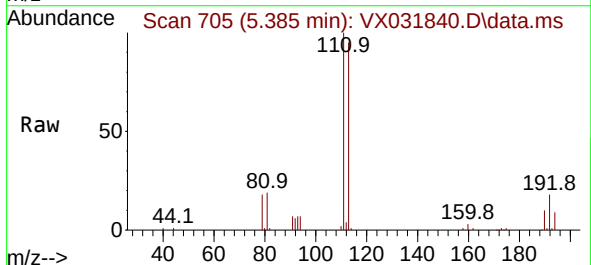
Instrument :
MSVOA_X
ClientSampleId :
MW-44

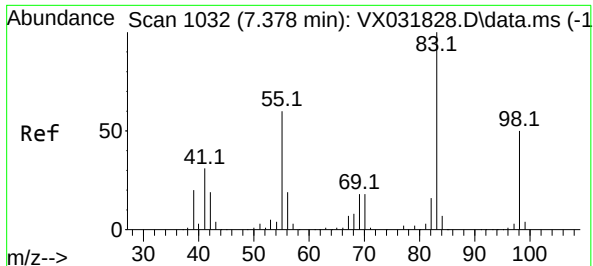
Tgt Ion:114 Resp: 141697
Ion Ratio Lower Upper
114 100
63 15.2 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.932 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

Tgt Ion:113 Resp: 77328
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.7 14.1 21.1





#39

Methylcyclohexane

Concen: 1.153 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031840.D

Acq: 03 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-44

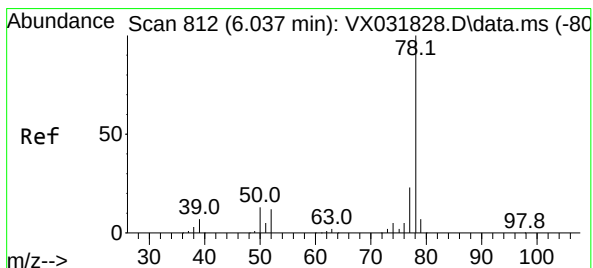
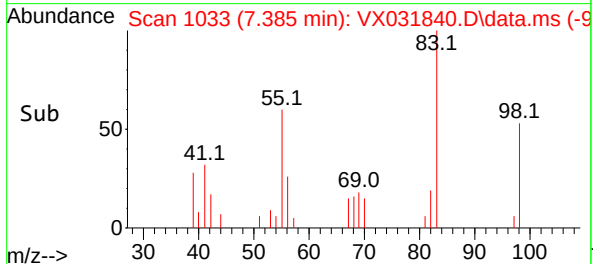
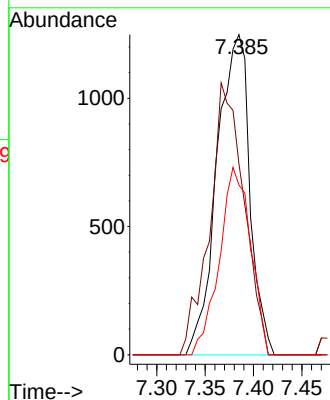
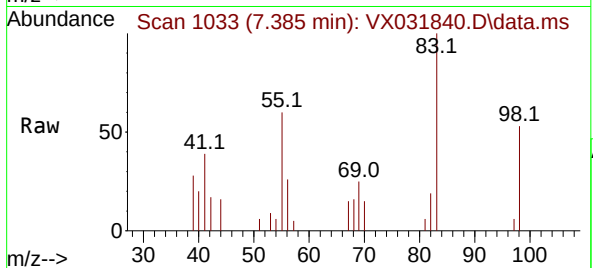
Tgt Ion: 83 Resp: 2952

Ion Ratio Lower Upper

83 100

55 59.7 61.0 91.4#

98 53.0 37.7 56.5



#40

Benzene

Concen: 0.348 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX031840.D

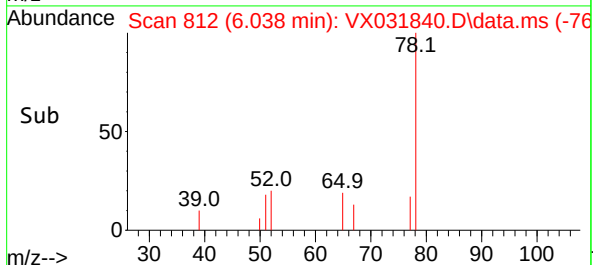
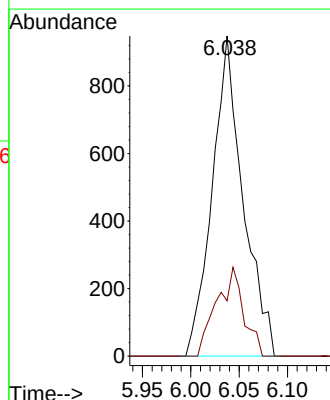
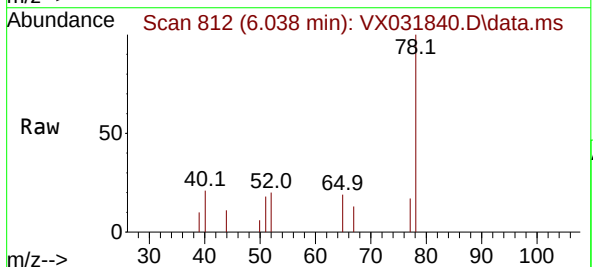
Acq: 03 Oct 2022 17:53

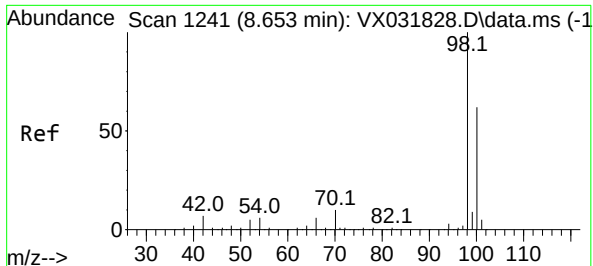
Tgt Ion: 78 Resp: 2101

Ion Ratio Lower Upper

78 100

77 17.3 18.7 28.1#

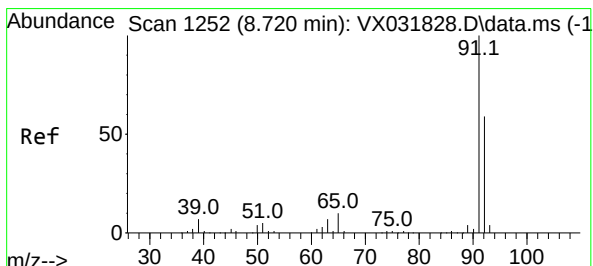
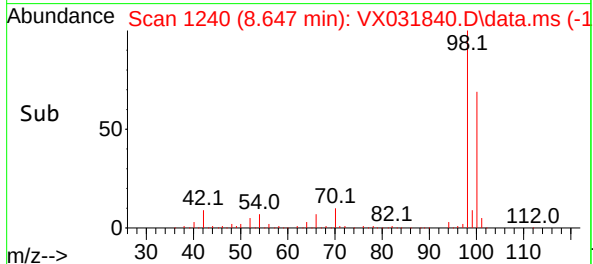
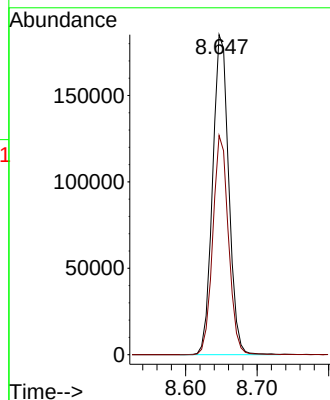
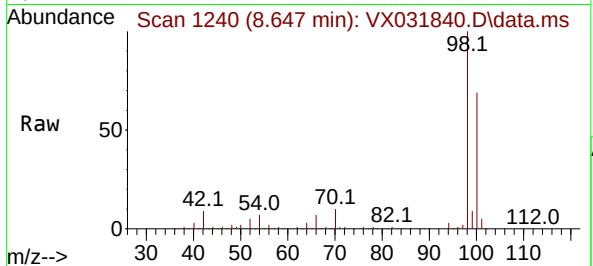




#50
Toluene-d8
Concen: 48.039 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

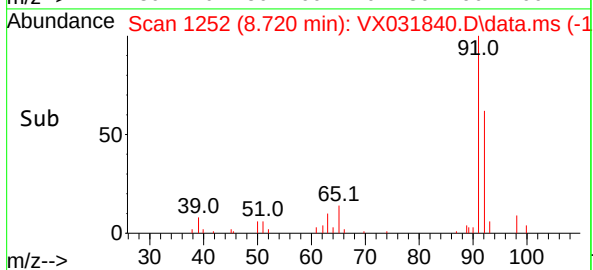
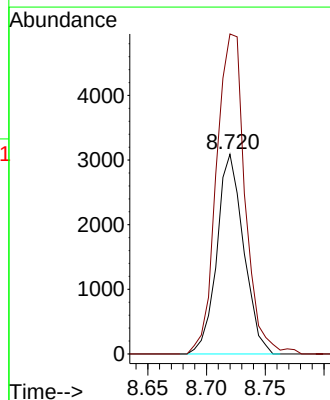
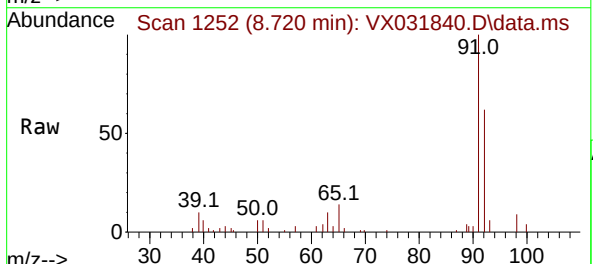
Instrument :
MSVOA_X
ClientSampleId :
MW-44

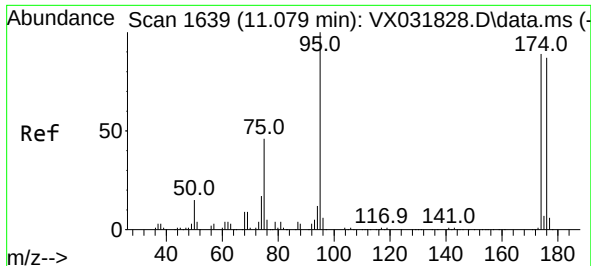
Tgt Ion: 98 Resp: 289312
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#52
Toluene
Concen: 1.158 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

Tgt Ion: 92 Resp: 4894
Ion Ratio Lower Upper
92 100
91 171.7 137.1 205.7

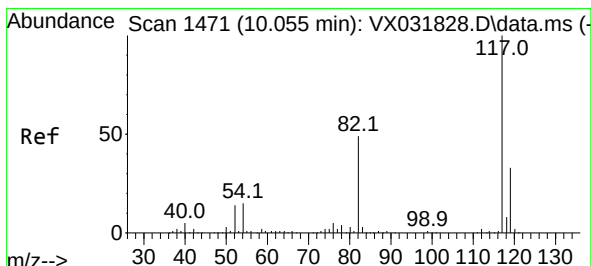
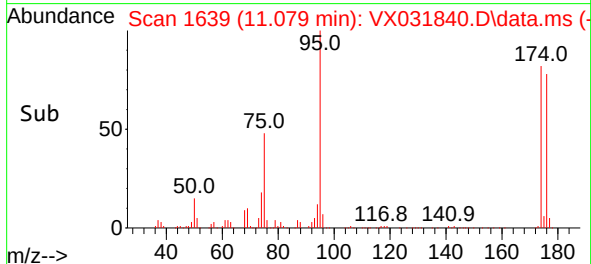
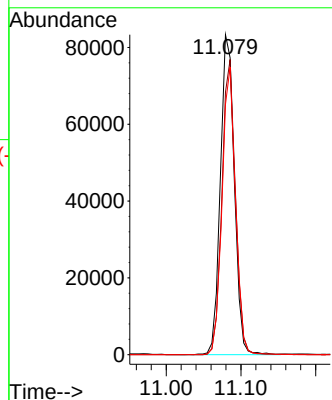
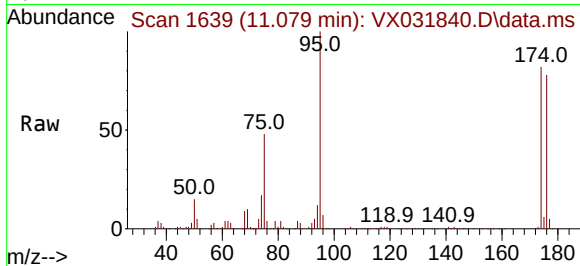




#62
4-Bromofluorobenzene
Concen: 49.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

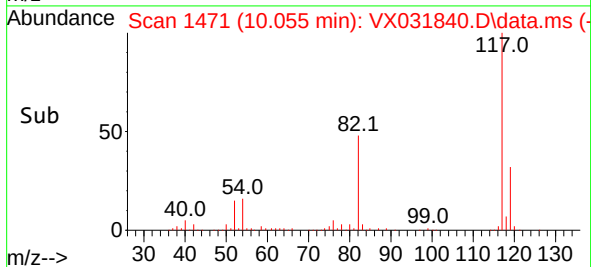
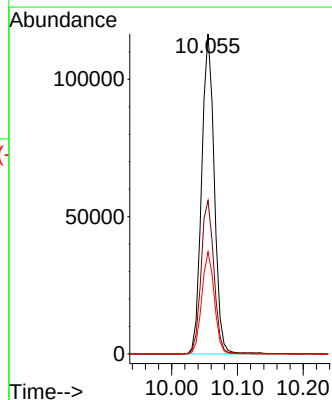
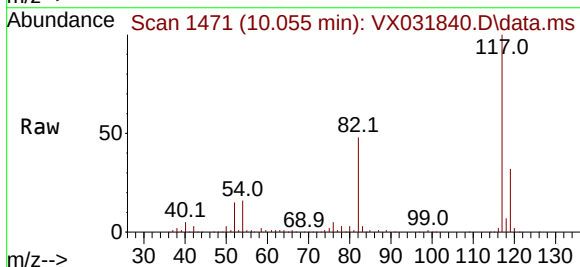
Instrument :
MSVOA_X
ClientSampleId :
MW-44

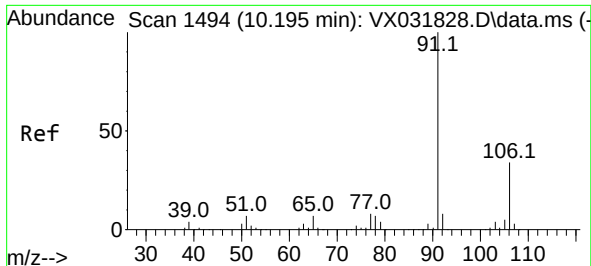
Tgt Ion: 95 Resp: 108137
Ion Ratio Lower Upper
95 100
174 89.6 0.0 153.2
176 86.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

Tgt Ion: 117 Resp: 155366
Ion Ratio Lower Upper
117 100
82 48.0 46.8 70.2
119 31.9 26.4 39.6





#67

Ethyl Benzene

Concen: 186.948 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031840.D

Acq: 03 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

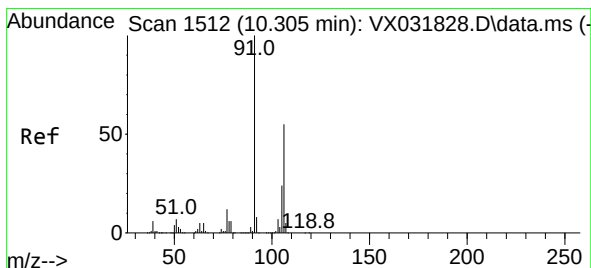
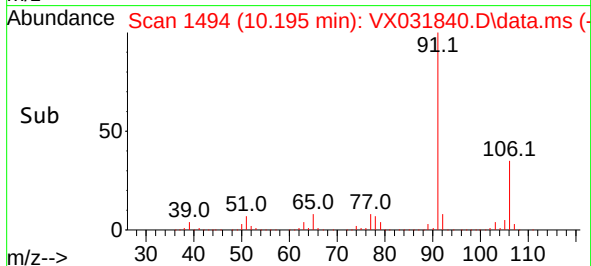
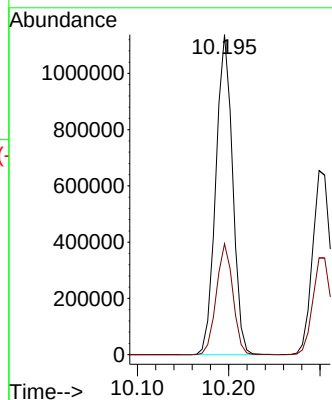
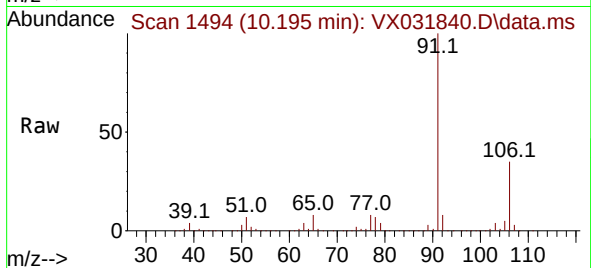
MW-44

Tgt Ion: 91 Resp: 1449694

Ion Ratio Lower Upper

91 100

106 34.7 25.2 37.8



#68

m/p-Xylenes

Concen: 149.394 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX031840.D

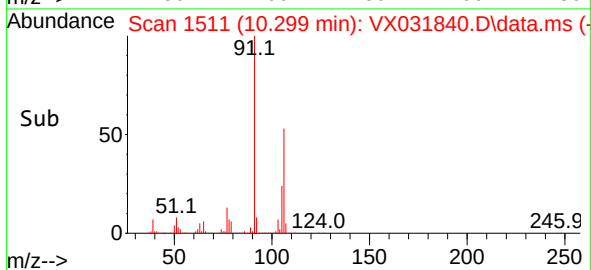
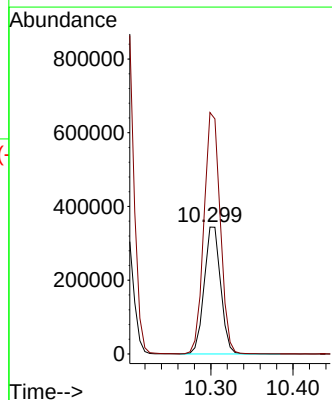
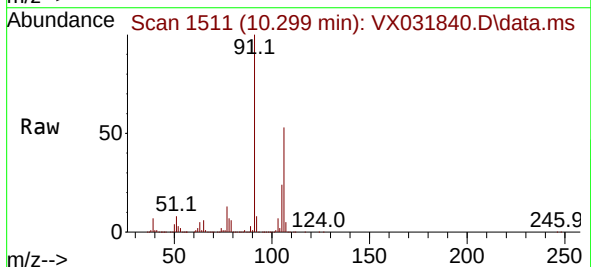
Acq: 03 Oct 2022 17:53

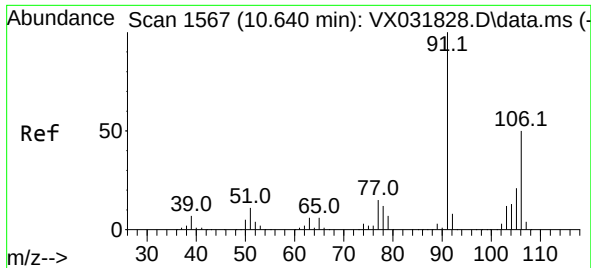
Tgt Ion:106 Resp: 478273

Ion Ratio Lower Upper

106 100

91 188.9 161.0 241.4

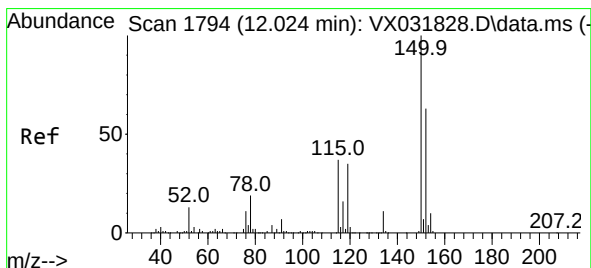
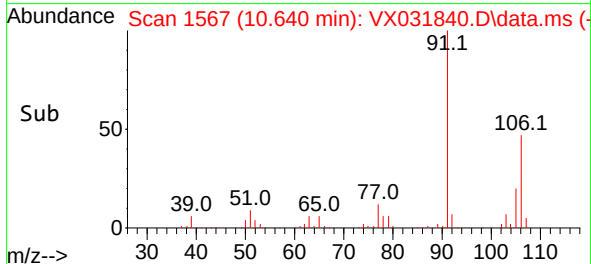
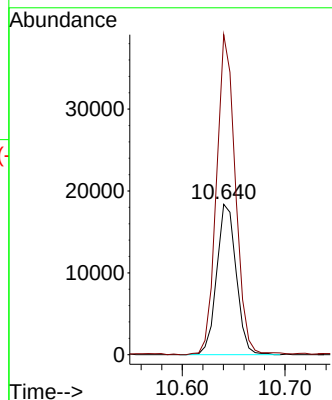
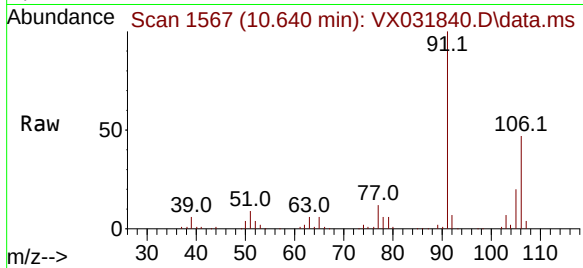




#69
o-Xylene
Concen: 7.850 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

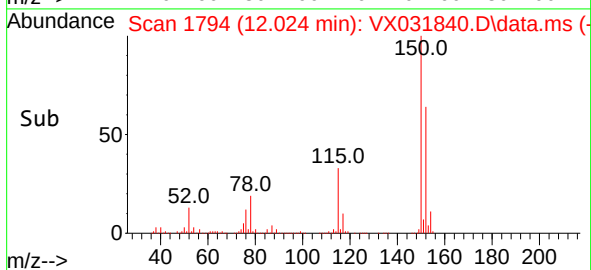
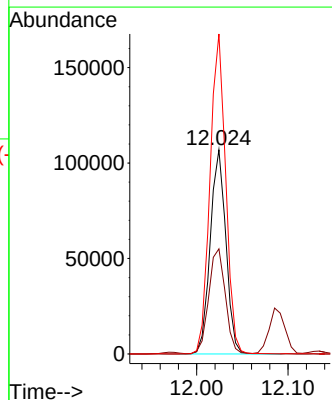
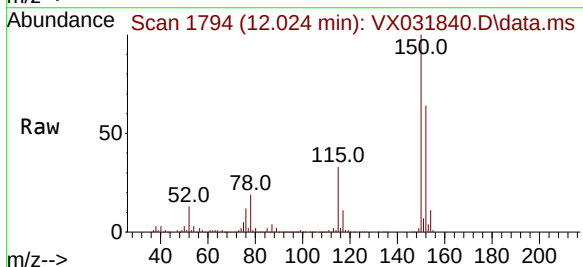
Instrument :
MSVOA_X
ClientSampleId :
MW-44

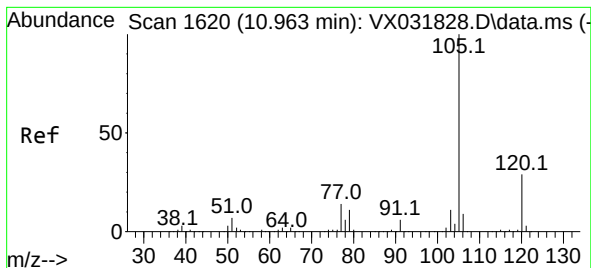
Tgt Ion:106 Resp: 24211
Ion Ratio Lower Upper
106 100
91 206.3 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031840.D
Acq: 03 Oct 2022 17:53

Tgt Ion:152 Resp: 127077
Ion Ratio Lower Upper
152 100
115 54.1 43.4 130.1
150 156.6 0.0 346.8





#73

Isopropylbenzene

Concen: 9.599 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031840.D

Acq: 03 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

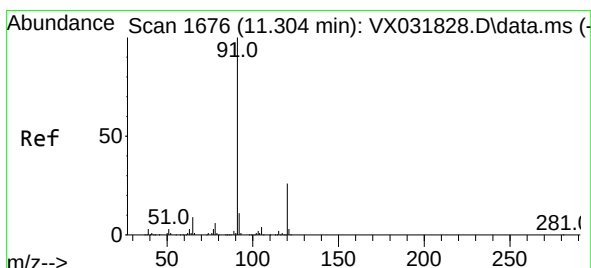
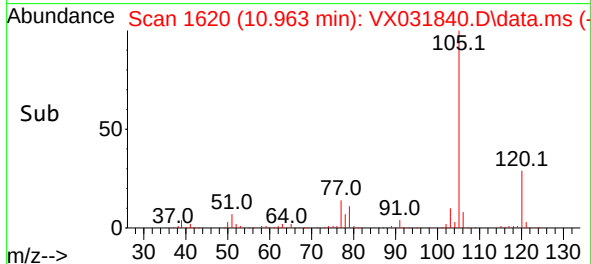
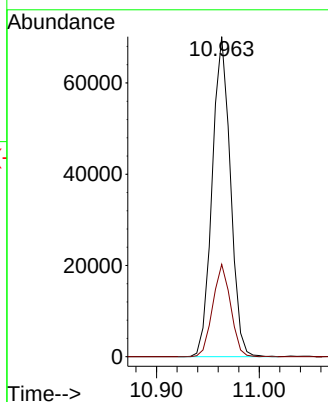
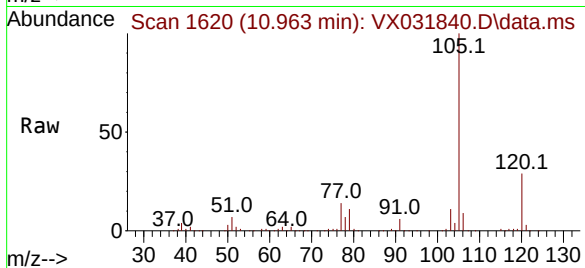
MW-44

Tgt Ion:105 Resp: 86162

Ion Ratio Lower Upper

105 100

120 28.3 13.7 41.0



#78

n-propylbenzene

Concen: 41.679 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031840.D

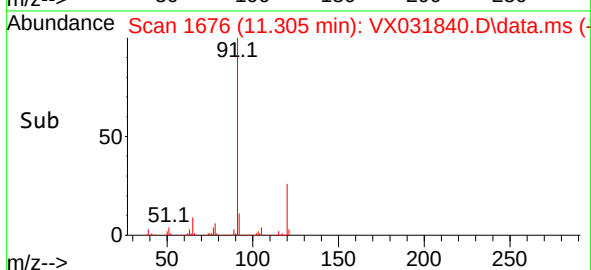
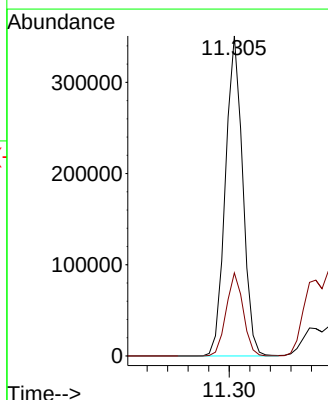
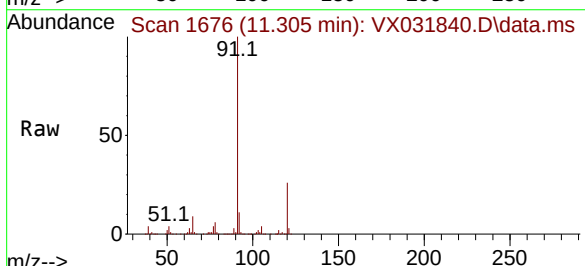
Acq: 03 Oct 2022 17:53

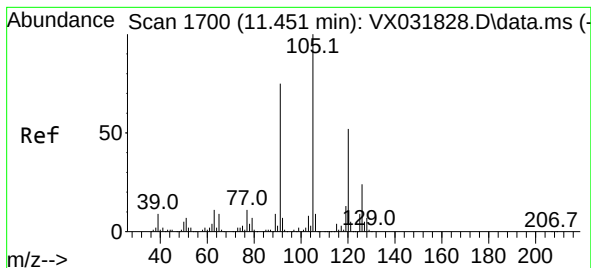
Tgt Ion: 91 Resp: 408901

Ion Ratio Lower Upper

91 100

120 25.5 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 38.463 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031840.D

Acq: 03 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

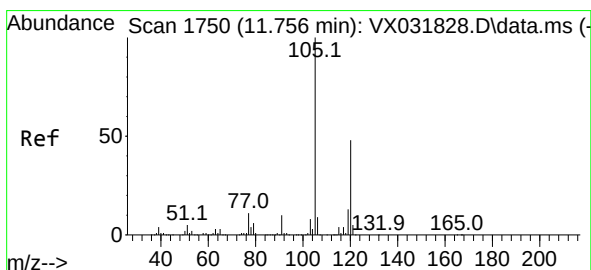
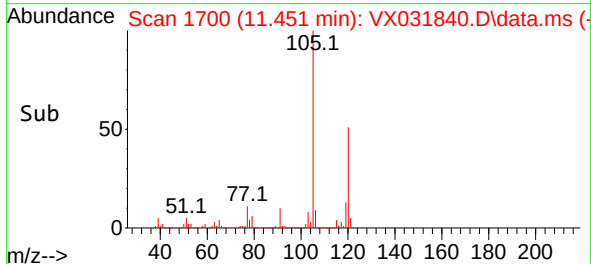
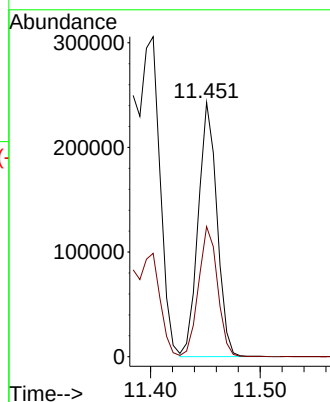
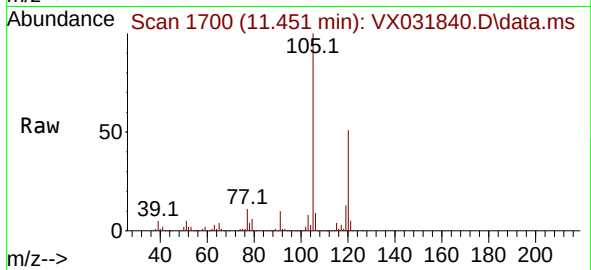
MW-44

Tgt Ion:105 Resp: 288300

Ion Ratio Lower Upper

105 100

120 51.9 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 336.338 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031840.D

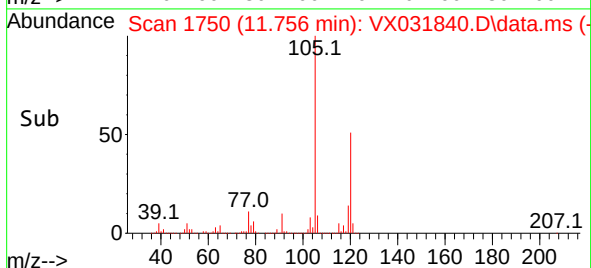
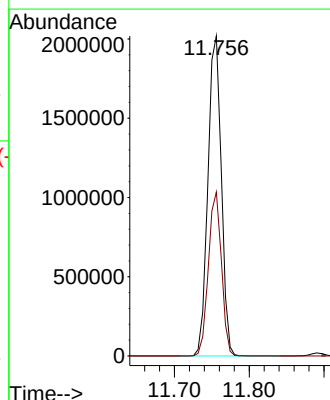
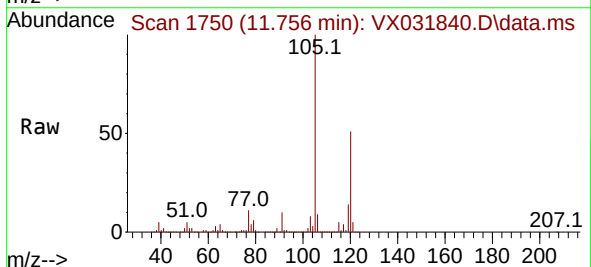
Acq: 03 Oct 2022 17:53

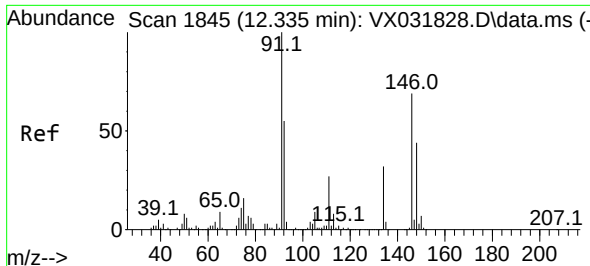
Tgt Ion:105 Resp: 2509061

Ion Ratio Lower Upper

105 100

120 49.9 22.6 67.8





#89

n-Butylbenzene

Concen: 11.117 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX031840.D

Acq: 03 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-44

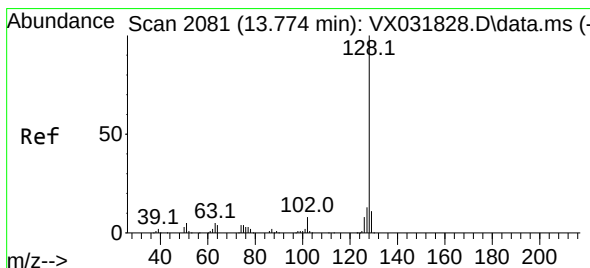
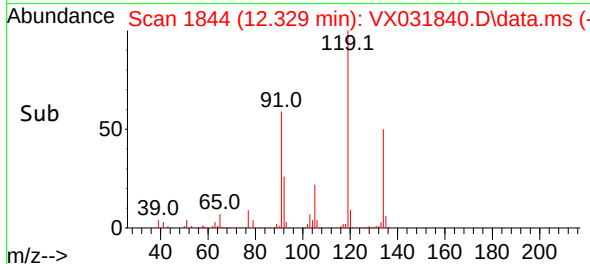
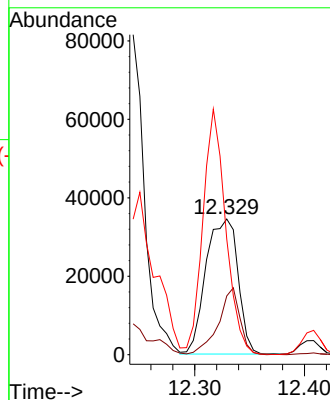
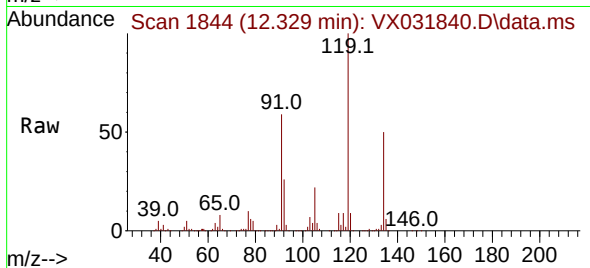
Tgt Ion: 91 Resp: 69889

Ion Ratio Lower Upper

91 100

92 33.2 27.0 81.0

134 129.7 13.3 39.9#



#95

Naphthalene

Concen: 121.944 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX031840.D

Acq: 03 Oct 2022 17:53

Tgt Ion:128 Resp: 1040040

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.2 8.8 13.2

