

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032865.D
 Acq On : 16 Nov 2022 14:05
 Operator : JC/MD
 Sample : N5640-12 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Nov 17 05:42:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

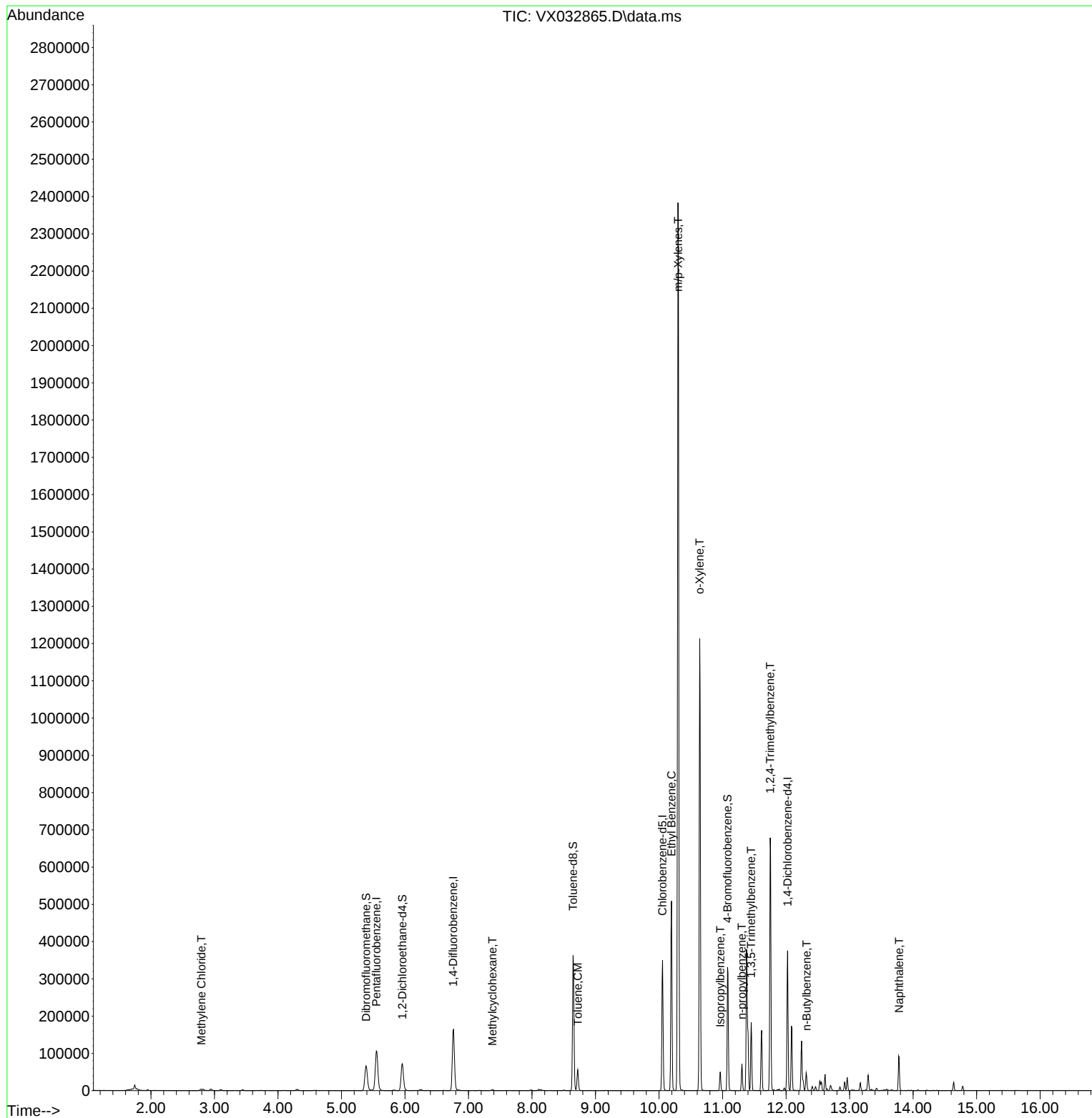
Internal Standards						
1) Pentafluorobenzene	5.550	168	102468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73673	51.745	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.500%
35) Dibromofluoromethane	5.385	113	57006	47.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.647	98	212195	50.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	11.079	95	84490	51.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.420%
Target Compounds						
						Qvalue
20) Methylene Chloride	2.794	84	1513	1.275	ug/l #	76
39) Methylcyclohexane	7.379	83	969	0.489	ug/l #	77
52) Toluene	8.720	92	20836	6.737	ug/l	99
67) Ethyl Benzene	10.195	91	281884	46.324	ug/l	99
68) m/p-Xylenes	10.299	106	542123	229.435	ug/l	99
69) o-Xylene	10.640	106	251790	109.600	ug/l	99
73) Isopropylbenzene	10.963	105	25486	4.299	ug/l	100
78) n-propylbenzene	11.305	91	41860	6.129	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	76283	15.056	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	300881	59.709	ug/l	99
89) n-Butylbenzene	12.323	91	6447	1.435	ug/l #	17
95) Naphthalene	13.780	128	59299	10.097	ug/l	99

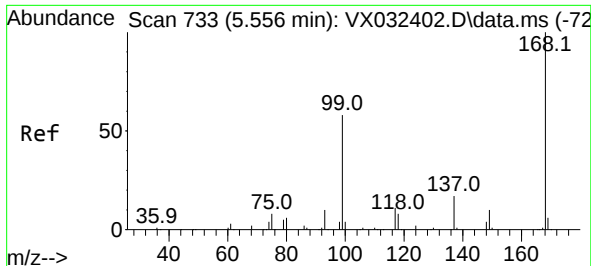
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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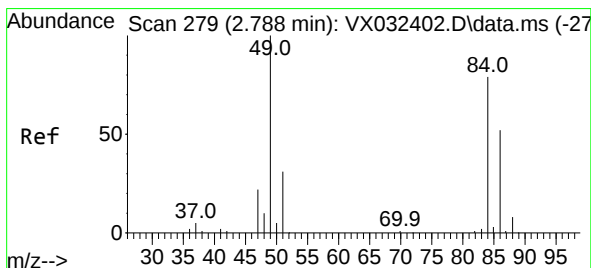
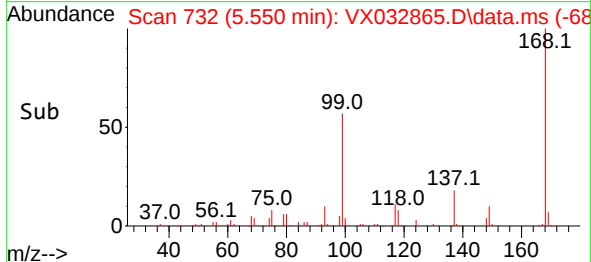
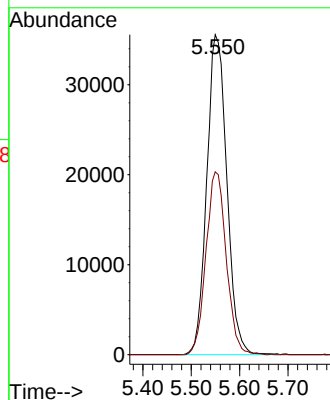
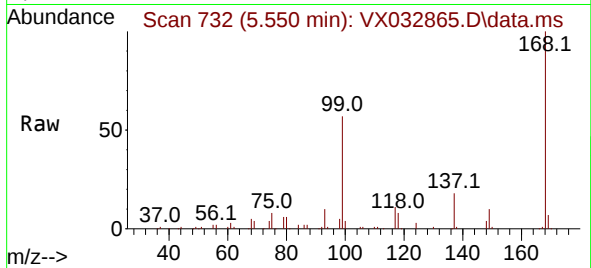




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

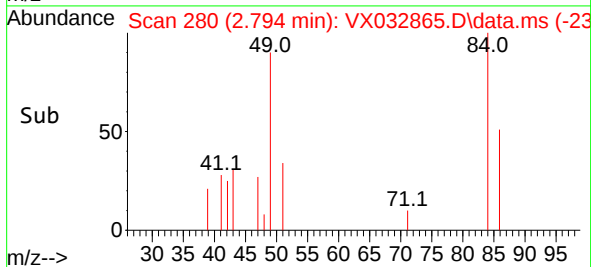
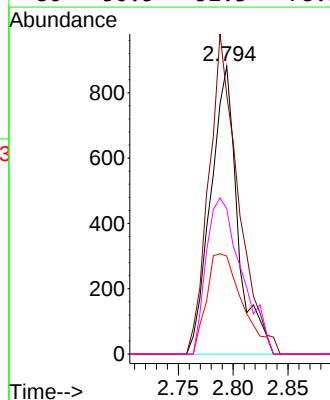
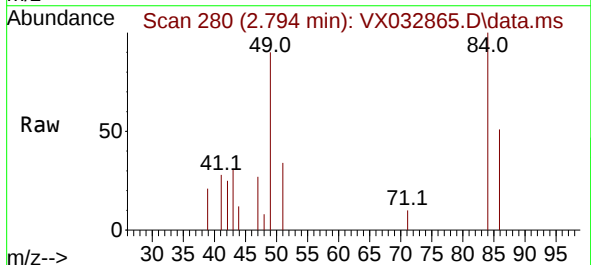
Instrument :
MSVOA_X
ClientSampleId :
MW-3

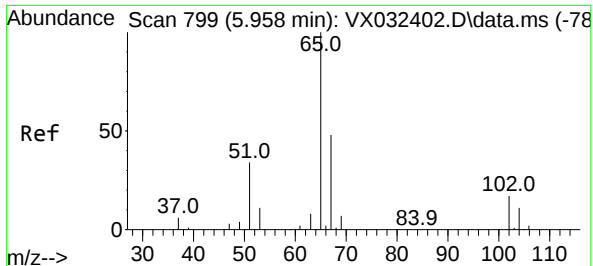
Tgt Ion:168 Resp: 102468
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#20
Methylene Chloride
Concen: 1.275 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

Tgt Ion: 84 Resp: 1513
Ion Ratio Lower Upper
84 100
49 90.0 101.0 151.6#
51 34.1 31.1 46.7
86 50.5 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 51.745 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

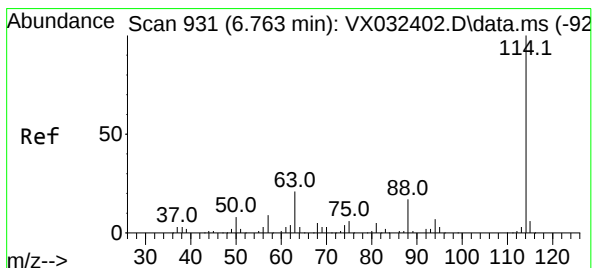
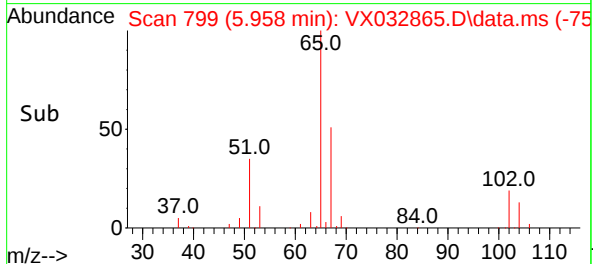
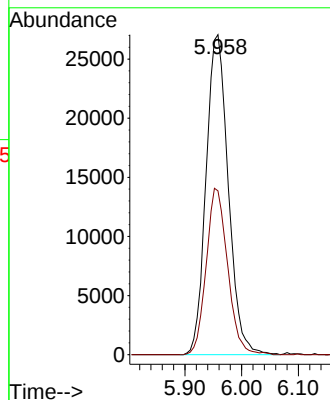
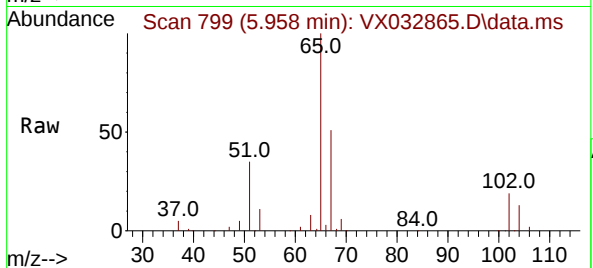
MW-3

Tgt Ion: 65 Resp: 73673

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

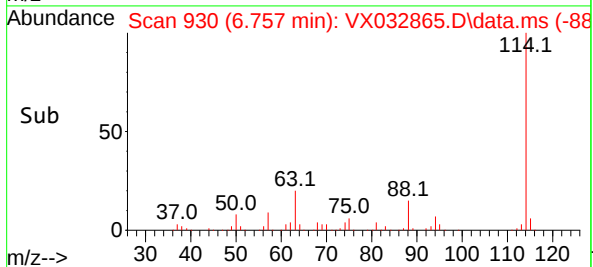
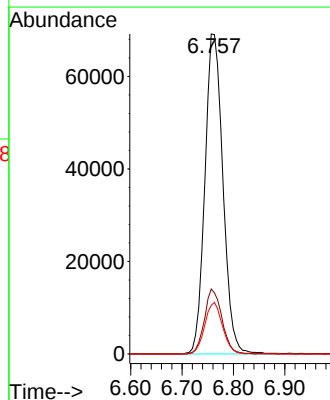
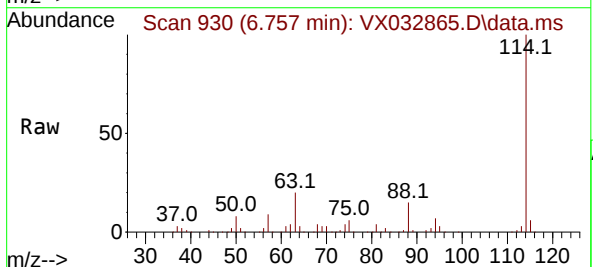
Tgt Ion: 114 Resp: 168631

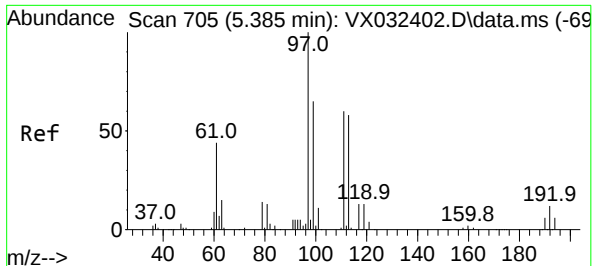
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.392 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3

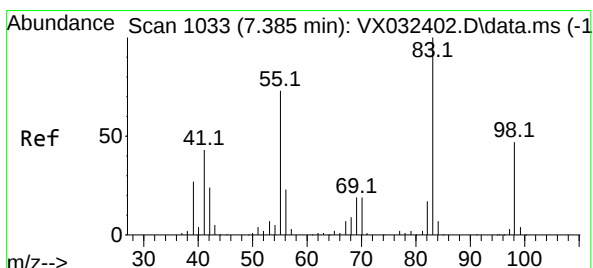
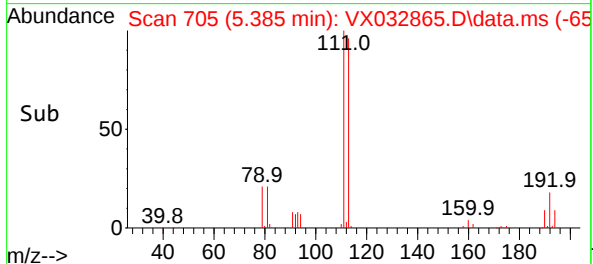
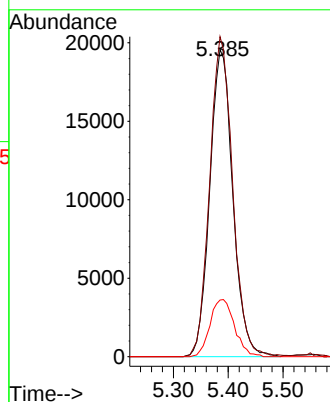
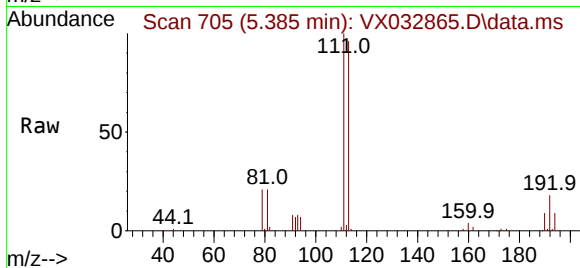
Tgt Ion:113 Resp: 57006

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 19.8 15.4 23.2



#39

Methylcyclohexane

Concen: 0.489 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

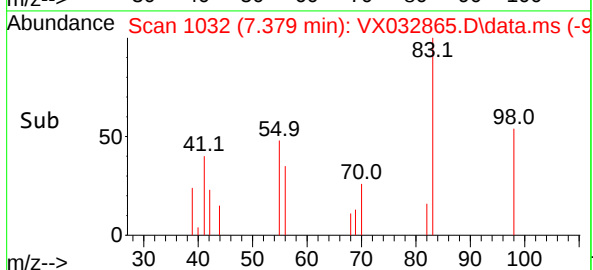
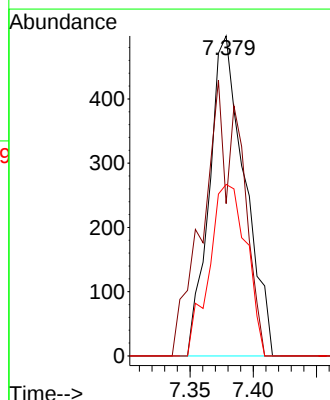
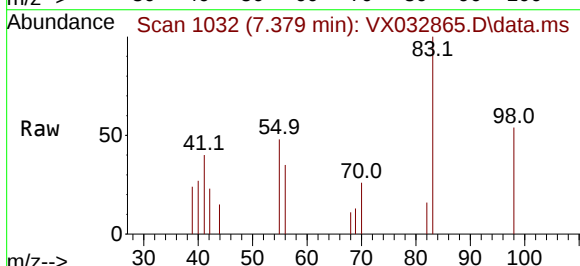
Tgt Ion: 83 Resp: 969

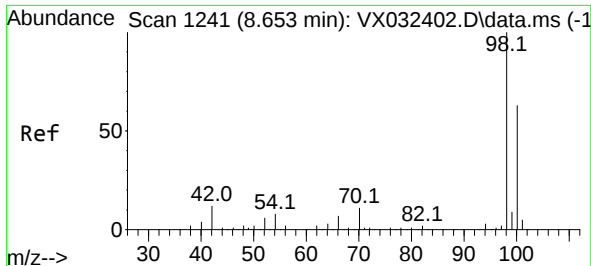
Ion Ratio Lower Upper

83 100

55 47.6 58.4 87.6#

98 53.6 37.2 55.8

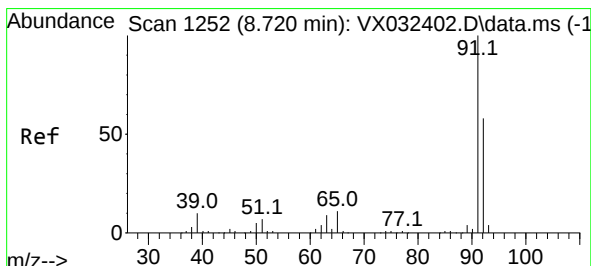
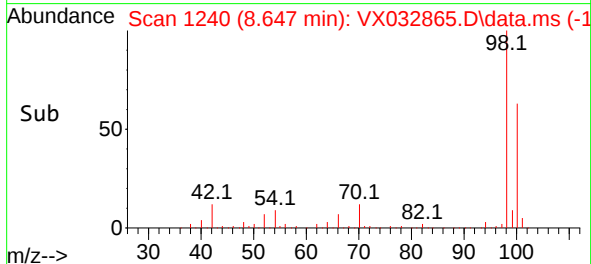
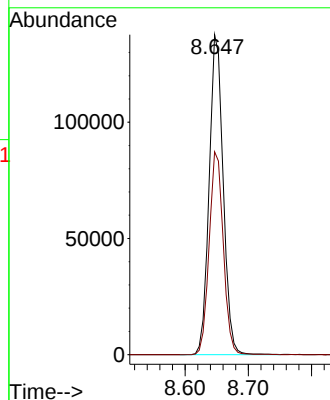
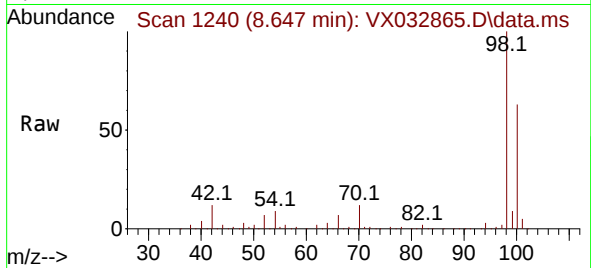




#50
Toluene-d8
Concen: 50.733 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

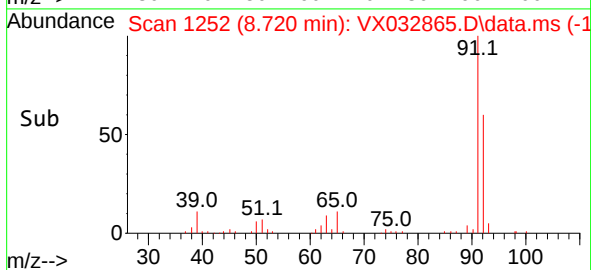
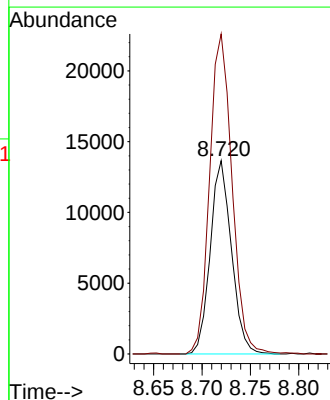
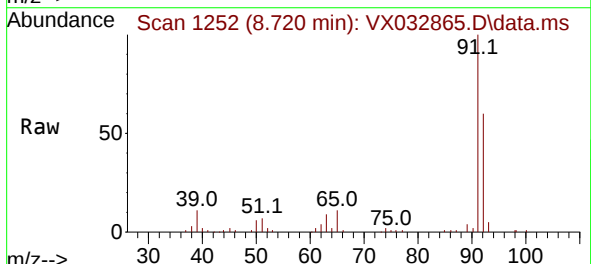
Instrument :
MSVOA_X
ClientSampleId :
MW-3

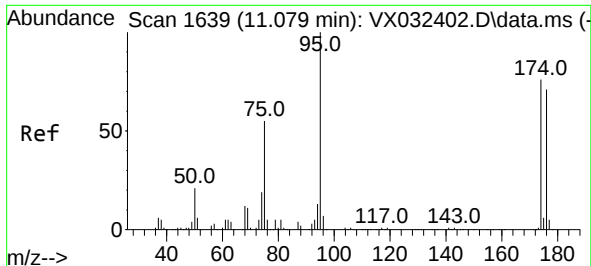
Tgt Ion: 98 Resp: 212195
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#52
Toluene
Concen: 6.737 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

Tgt Ion: 92 Resp: 20836
Ion Ratio Lower Upper
92 100
91 175.0 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 51.713 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3

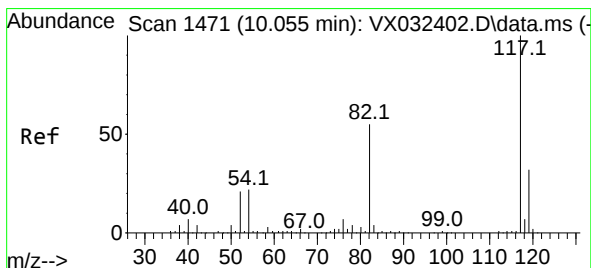
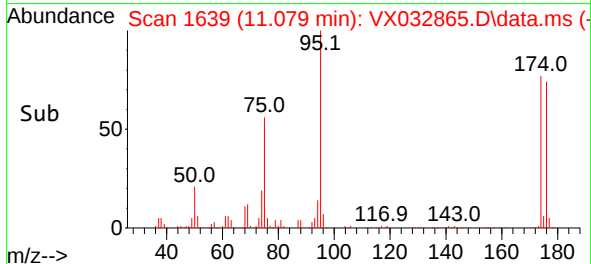
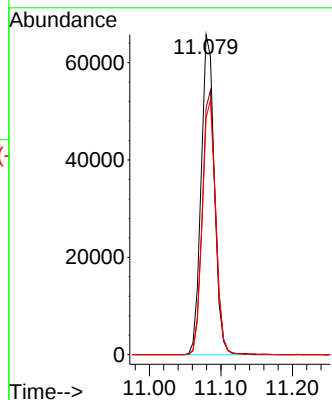
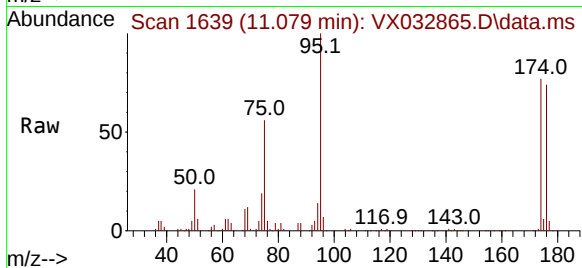
Tgt Ion: 95 Resp: 84490

Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 80.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

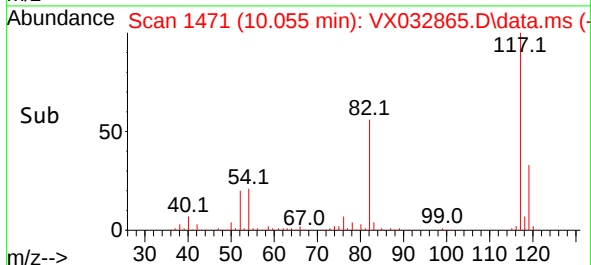
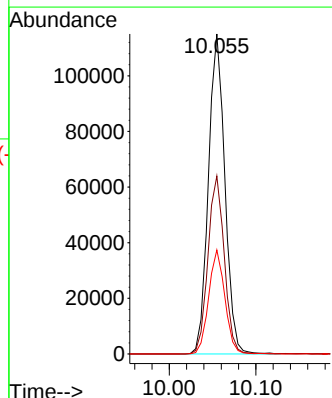
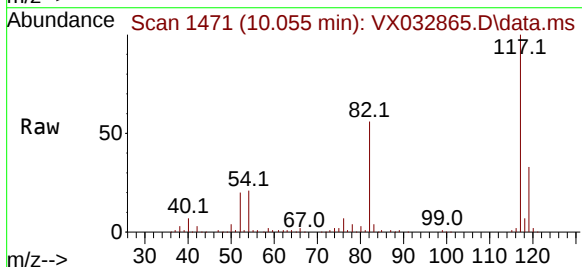
Tgt Ion: 117 Resp: 151908

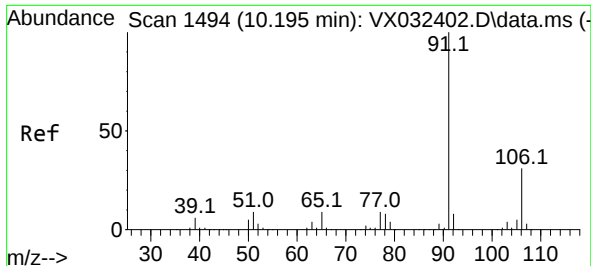
Ion Ratio Lower Upper

117 100

82 55.6 44.3 66.5

119 32.5 25.7 38.5





#67

Ethyl Benzene

Concen: 46.324 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

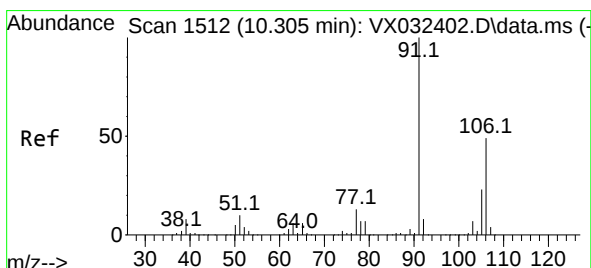
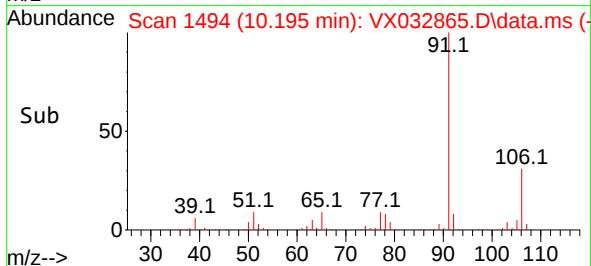
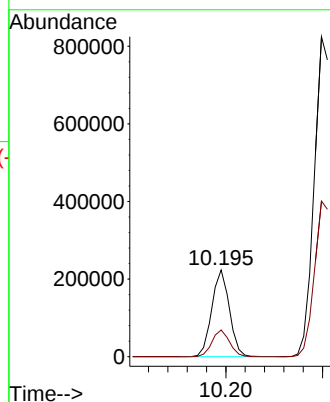
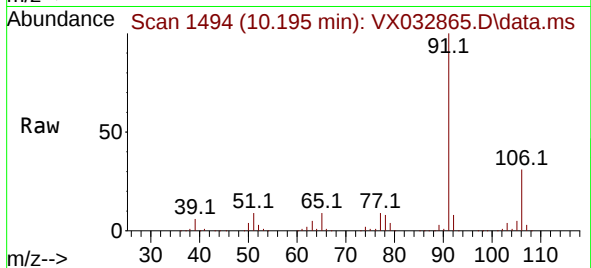
MW-3

Tgt Ion: 91 Resp: 281884

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



#68

m/p-Xylenes

Concen: 229.435 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032865.D

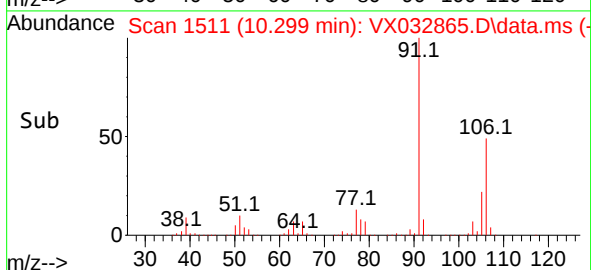
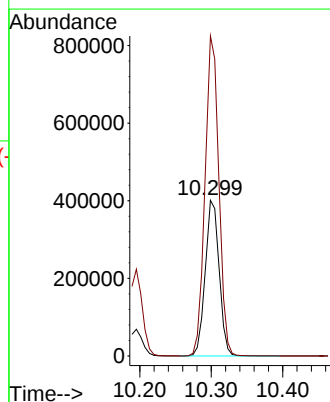
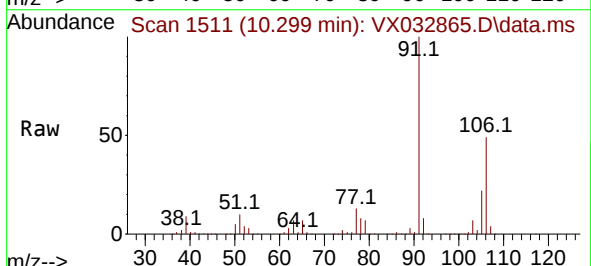
Acq: 16 Nov 2022 14:05

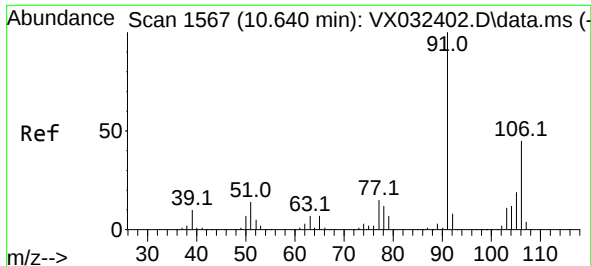
Tgt Ion: 106 Resp: 542123

Ion Ratio Lower Upper

106 100

91 204.5 164.5 246.7

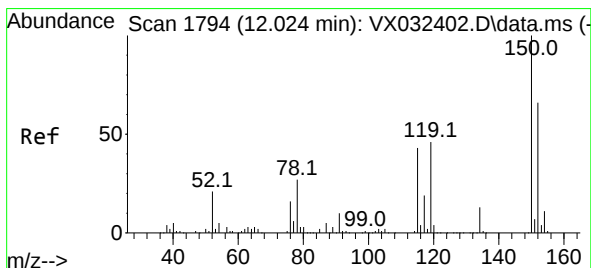
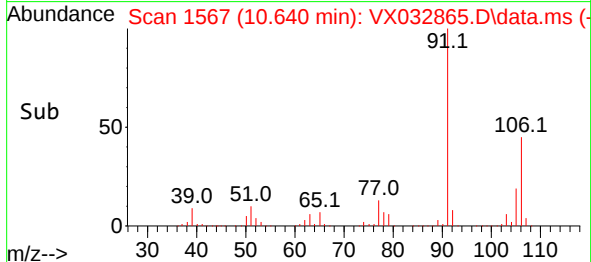
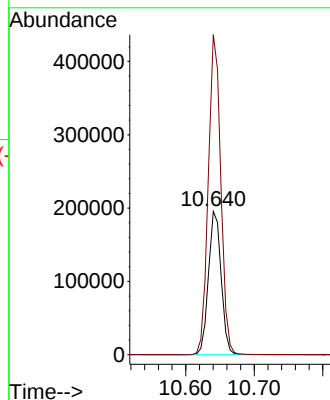
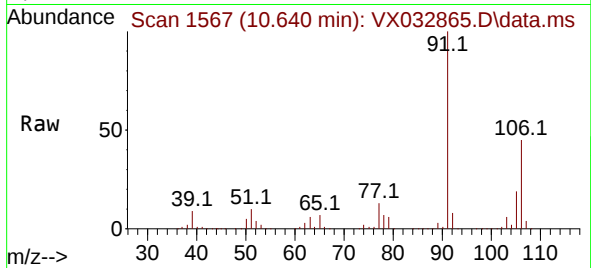




#69
o-Xylene
Concen: 109.600 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

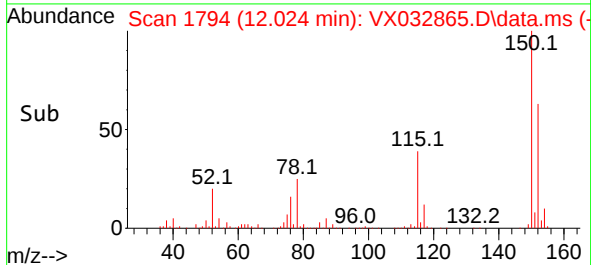
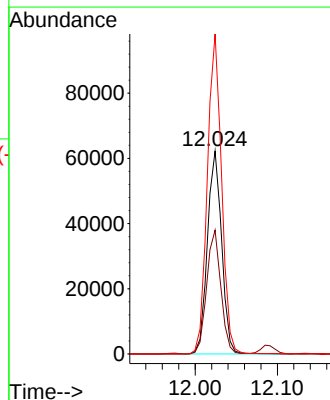
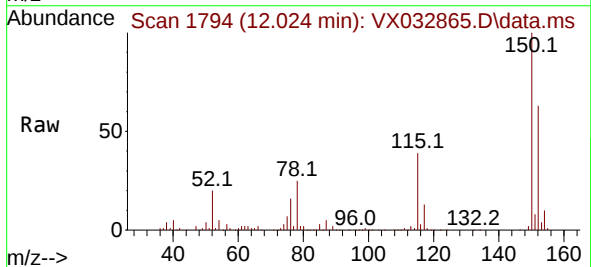
Instrument :
MSVOA_X
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MW-3

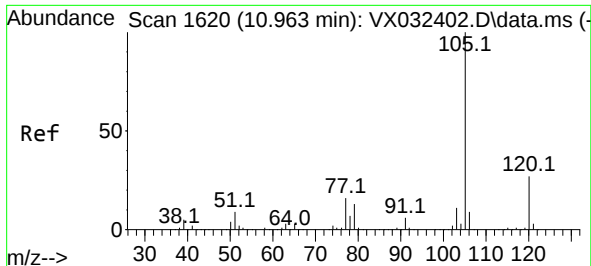
Tgt Ion:106 Resp: 251790
Ion Ratio Lower Upper
106 100
91 220.1 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

Tgt Ion:152 Resp: 74810
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 157.5 0.0 351.8

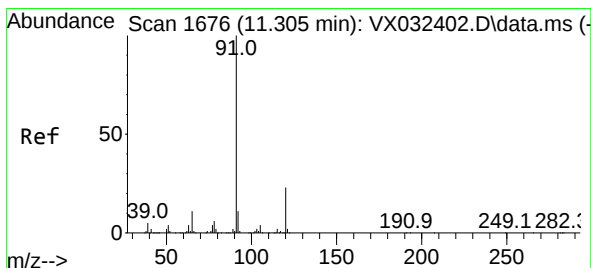
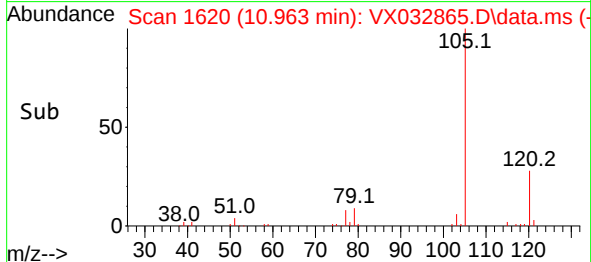
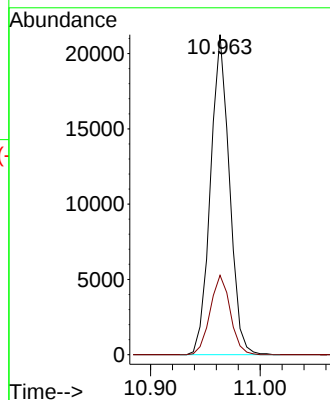
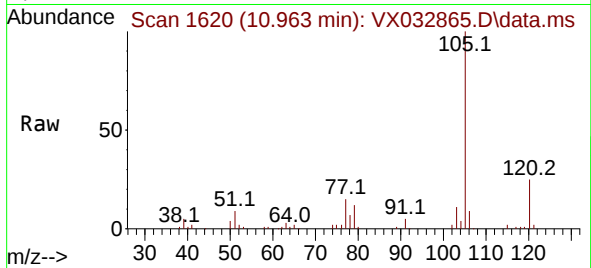




#73
Isopropylbenzene
Concen: 4.299 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

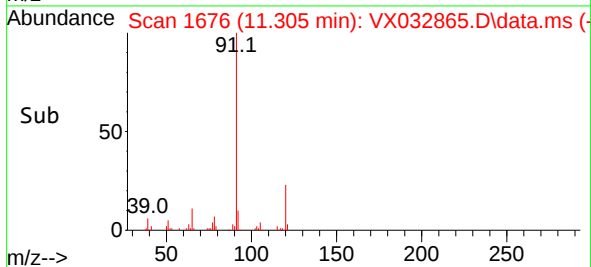
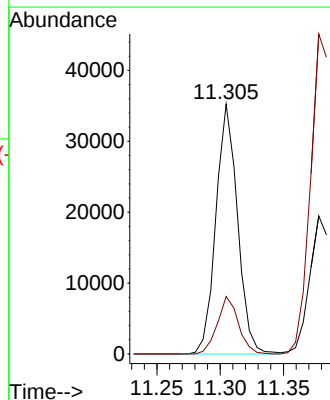
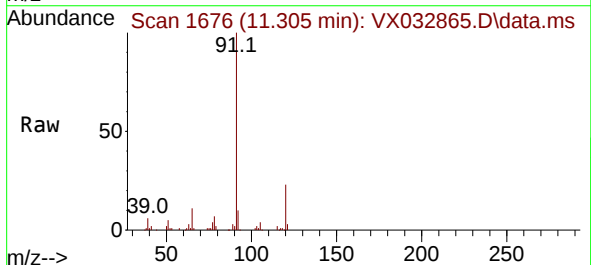
Instrument :
MSVOA_X
ClientSampleId :
MW-3

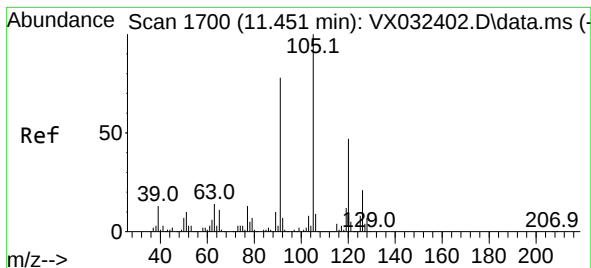
Tgt Ion:105 Resp: 25486
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#78
n-propylbenzene
Concen: 6.129 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032865.D
Acq: 16 Nov 2022 14:05

Tgt Ion: 91 Resp: 41860
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 15.056 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

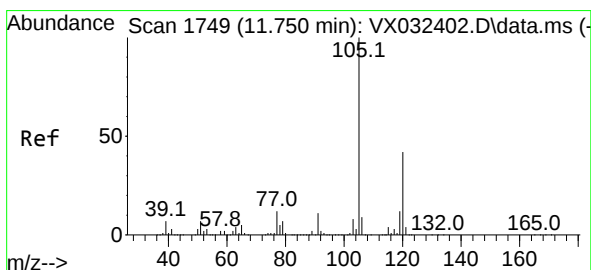
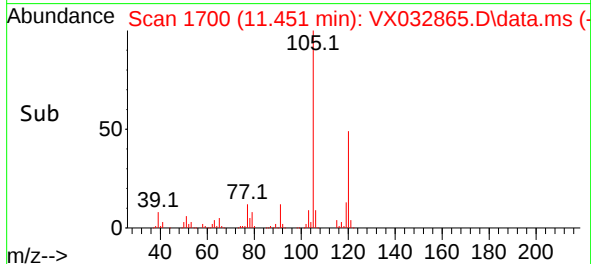
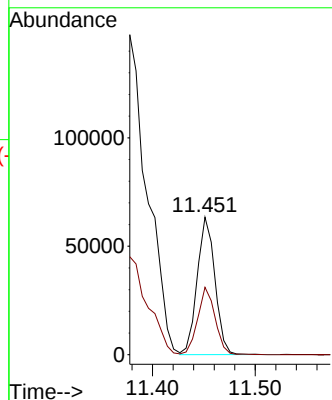
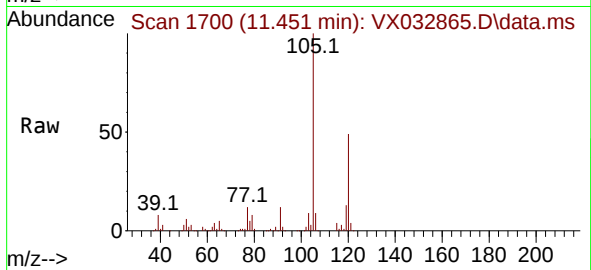
MW-3

Tgt Ion:105 Resp: 76283

Ion Ratio Lower Upper

105 100

120 48.1 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 59.709 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032865.D

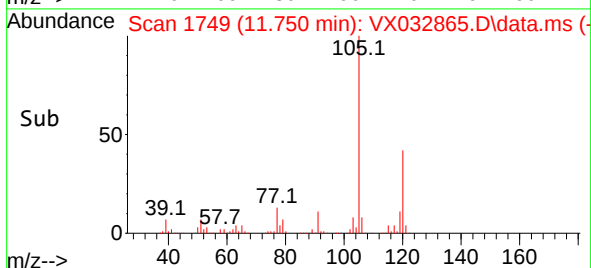
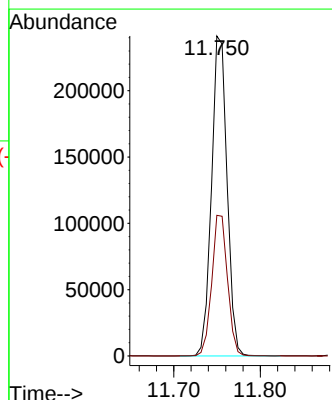
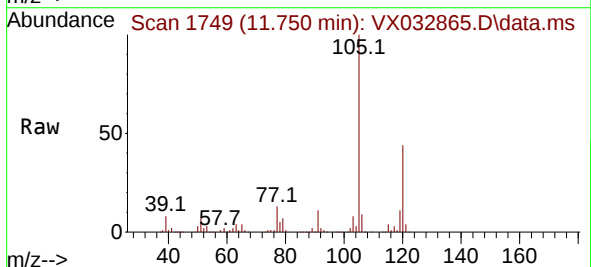
Acq: 16 Nov 2022 14:05

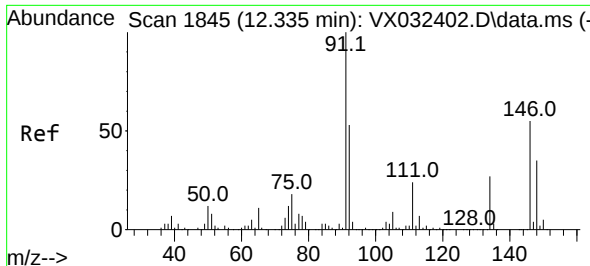
Tgt Ion:105 Resp: 300881

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.5





#89

n-Butylbenzene

Concen: 1.435 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3

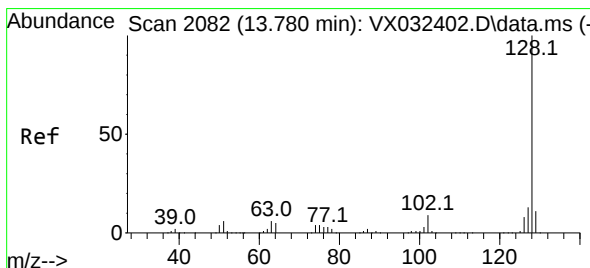
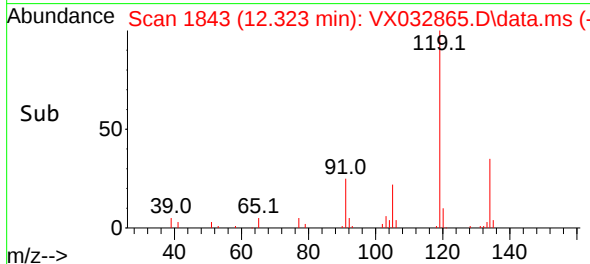
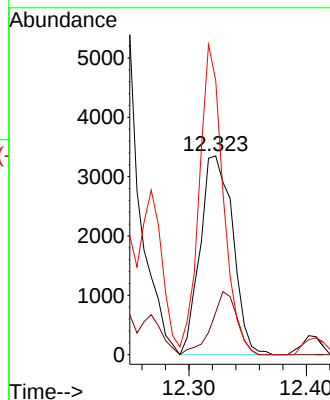
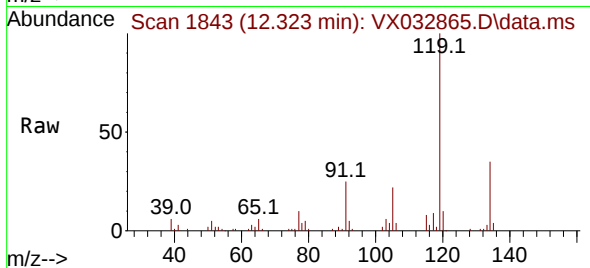
Tgt Ion: 91 Resp: 6447

Ion Ratio Lower Upper

91 100

92 25.2 26.2 78.6#

134 114.5 12.9 38.6#



#95

Naphthalene

Concen: 10.097 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX032865.D

Acq: 16 Nov 2022 14:05

Tgt Ion:128 Resp: 59299

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.7 8.9 13.3

