

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044048.D
 Acq On : 27 Nov 2024 18:06
 Operator : JC/MD
 Sample : P5021-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Nov 28 04:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

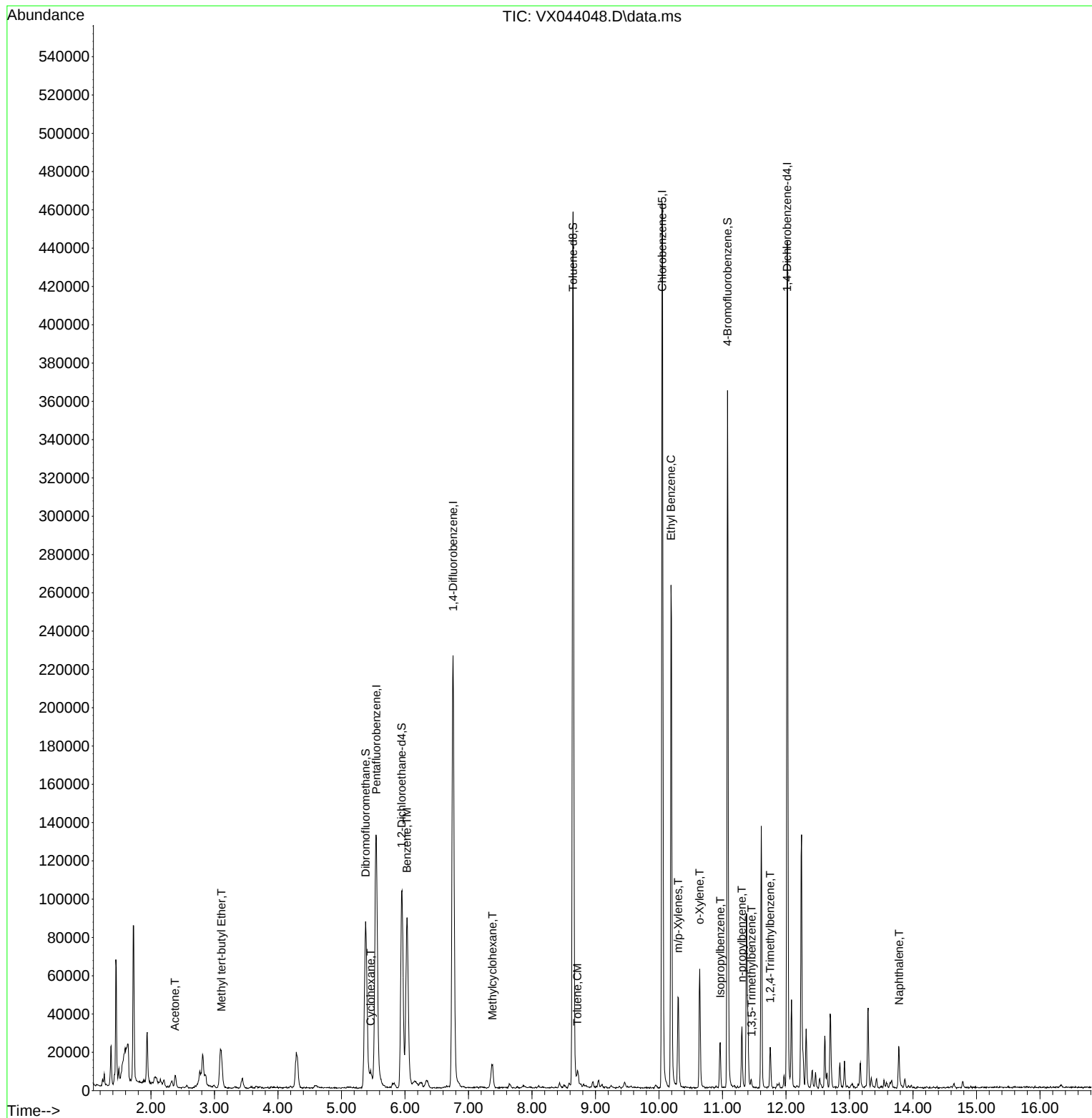
Internal Standards						
1) Pentafluorobenzene	5.550	168	112645	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	222735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103330	53.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.960%
35) Dibromofluoromethane	5.379	113	74833	47.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.647	98	273477	49.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	92512	49.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.100%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6946	7.828	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	12081	2.563	ug/l #	47
31) Cyclohexane	5.458	56	4724	2.194	ug/l #	90
39) Methylcyclohexane	7.379	83	5223	2.027	ug/l	87
40) Benzene	6.032	78	104682	16.945	ug/l	98
52) Toluene	8.714	92	2920	0.790	ug/l	100
67) Ethyl Benzene	10.189	91	153400	21.278	ug/l	98
68) m/p-Xylenes	10.299	106	11752	4.371	ug/l	98
69) o-Xylene	10.640	106	13628	5.192	ug/l	98
73) Isopropylbenzene	10.964	105	12154	1.926	ug/l	97
78) n-propylbenzene	11.305	91	19488	2.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	2153	0.415	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	9724	1.881	ug/l	97
95) Naphthalene	13.780	128	15739	2.680	ug/l	99

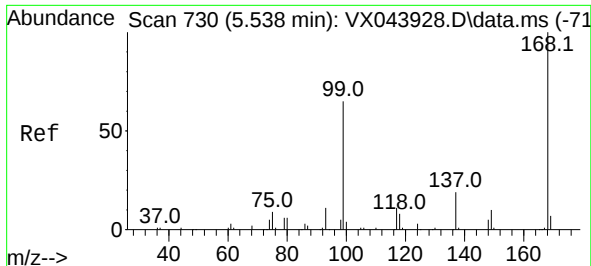
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044048.D
Acq On : 27 Nov 2024 18:06
Operator : JC/MD
Sample : P5021-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-13

Quant Time: Nov 28 04:20:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

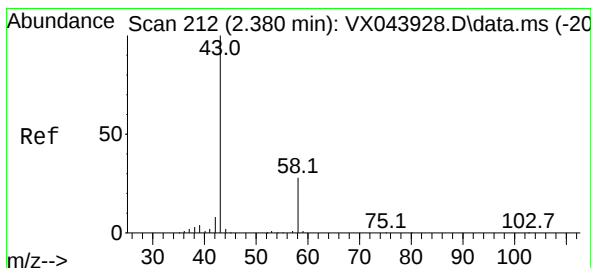
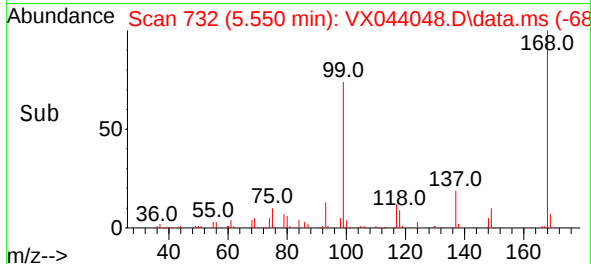
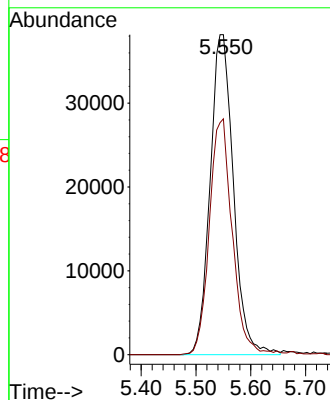
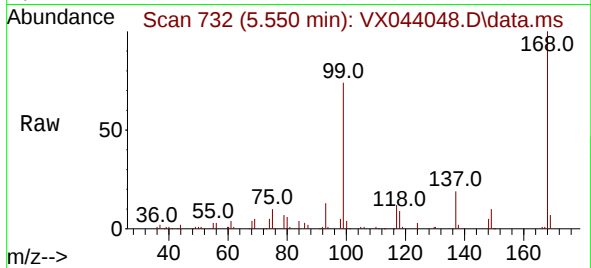




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.012 min
Lab File: VX044048.D
Acq: 27 Nov 2024 18:06

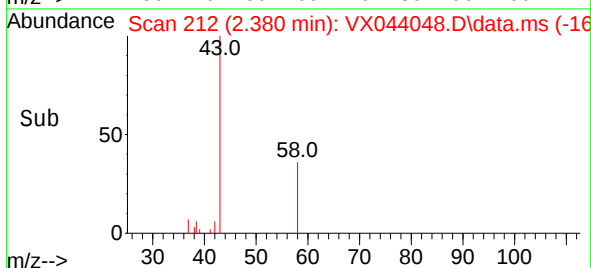
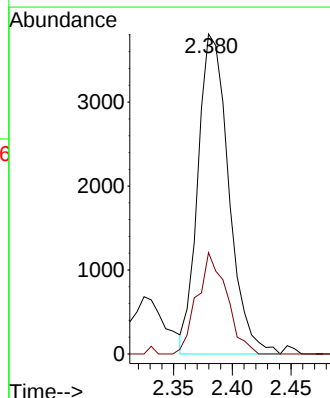
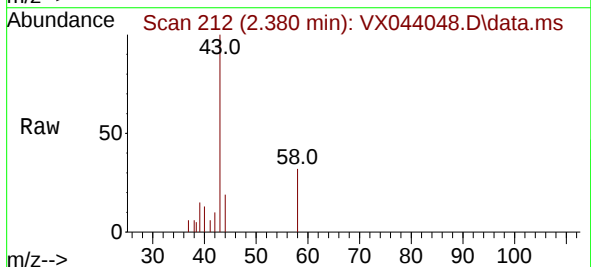
Instrument :
MSVOA_X
ClientSampleId :
MW-13

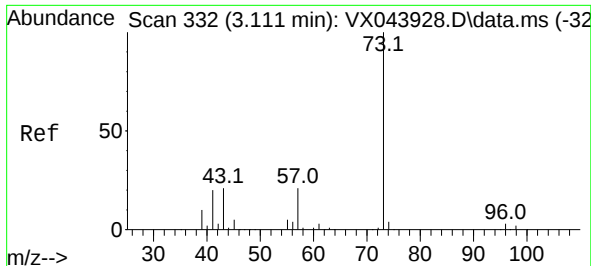
Tgt Ion:168 Resp: 112645
Ion Ratio Lower Upper
168 100
99 73.7 51.8 77.8



#16
Acetone
Concen: 7.828 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044048.D
Acq: 27 Nov 2024 18:06

Tgt Ion: 43 Resp: 6946
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1





#19

Methyl tert-butyl Ether

Concen: 2.563 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

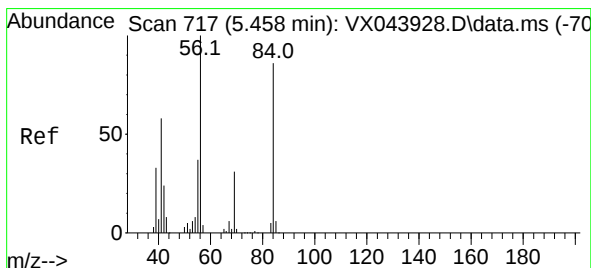
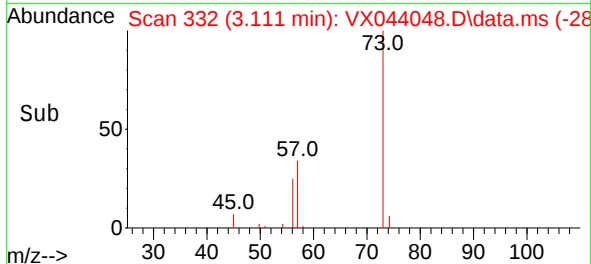
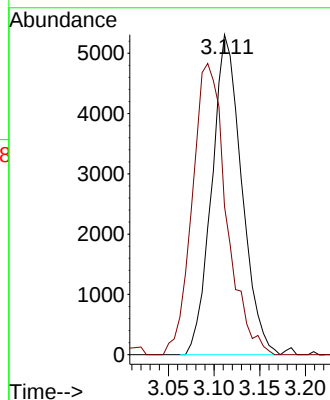
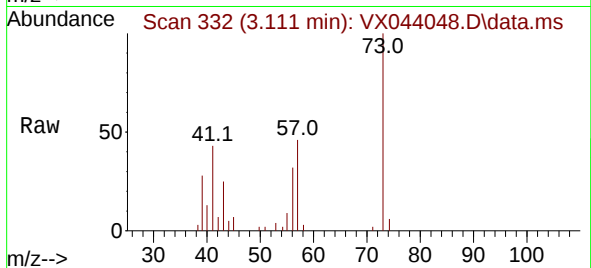
MW-13

Tgt Ion: 73 Resp: 12081

Ion Ratio Lower Upper

73 100

57 46.3 17.0 25.6#



#31

Cyclohexane

Concen: 2.194 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

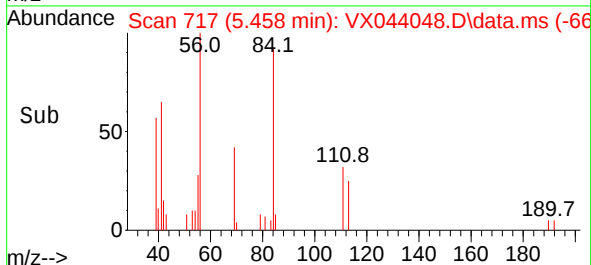
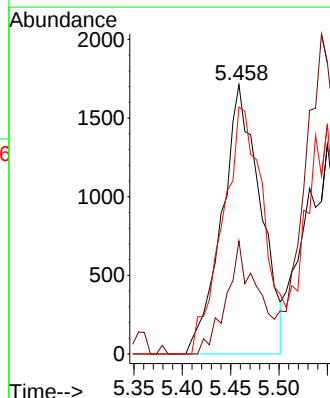
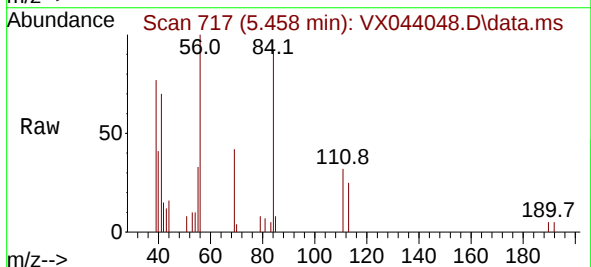
Tgt Ion: 56 Resp: 4724

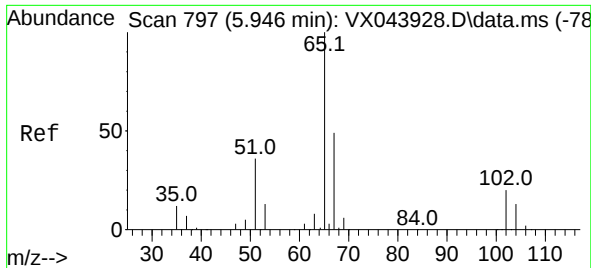
Ion Ratio Lower Upper

56 100

69 41.9 24.7 37.1#

84 91.7 68.7 103.1

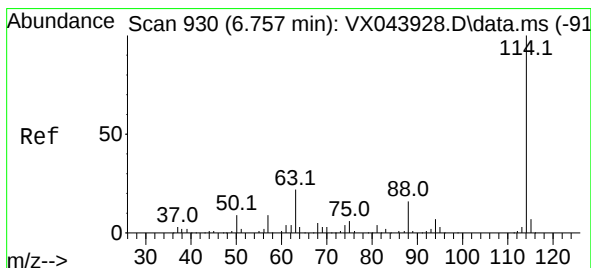
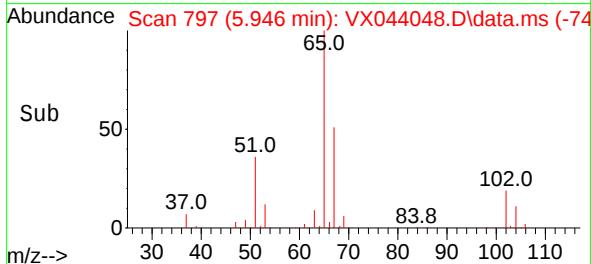
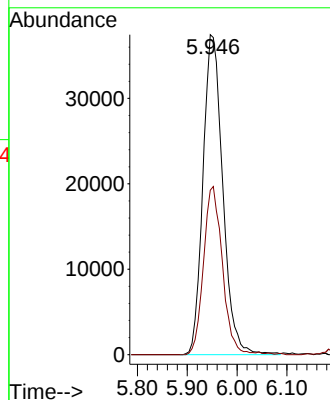
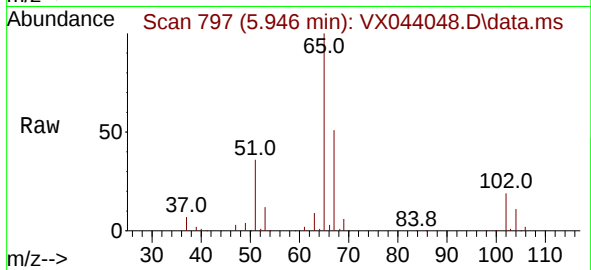




#33
 1,2-Dichloroethane-d4
 Concen: 53.482 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044048.D
 Acq: 27 Nov 2024 18:06

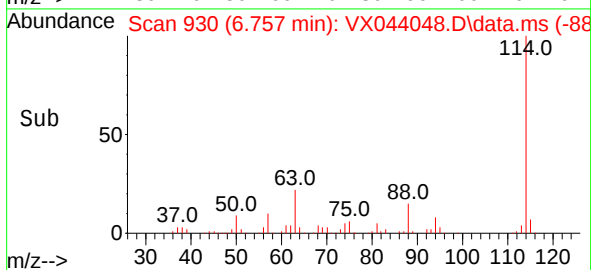
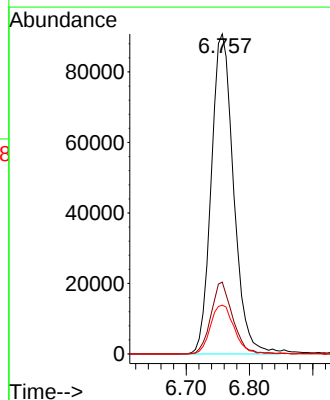
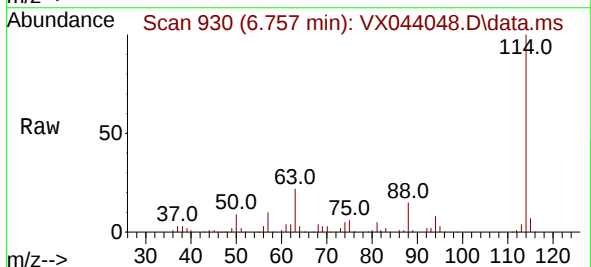
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

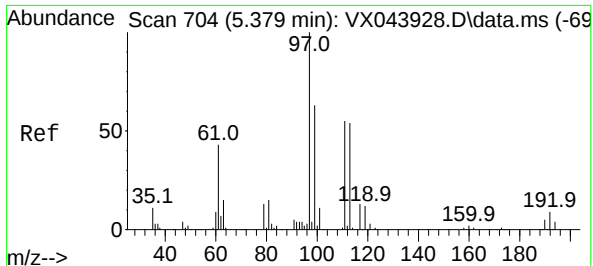
Tgt Ion: 65 Resp: 103330
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044048.D
 Acq: 27 Nov 2024 18:06

Tgt Ion: 114 Resp: 222735
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.019 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

MW-13

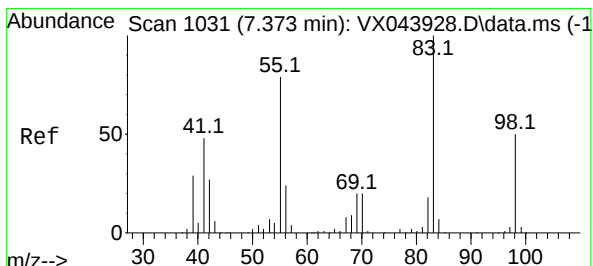
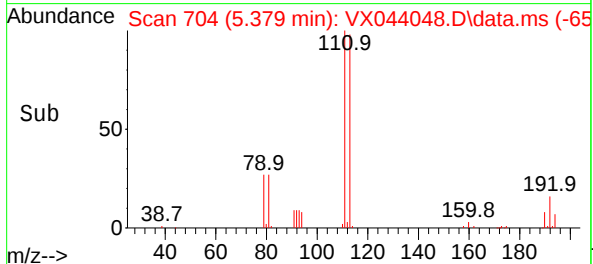
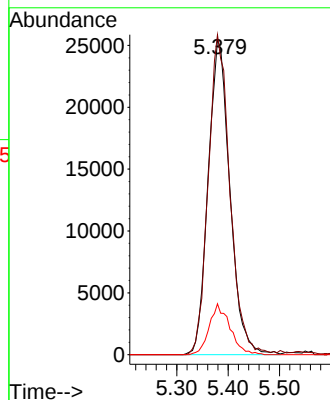
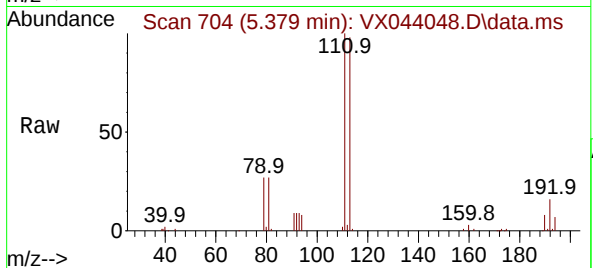
Tgt Ion:113 Resp: 74833

Ion Ratio Lower Upper

113 100

111 101.3 81.0 121.4

192 15.4 13.0 19.6



#39

Methylcyclohexane

Concen: 2.027 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

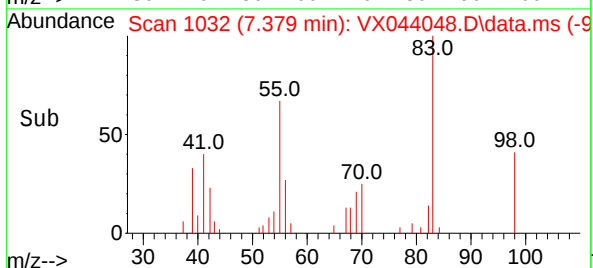
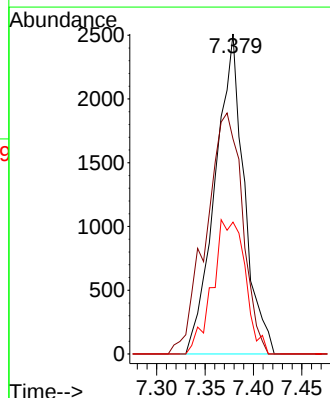
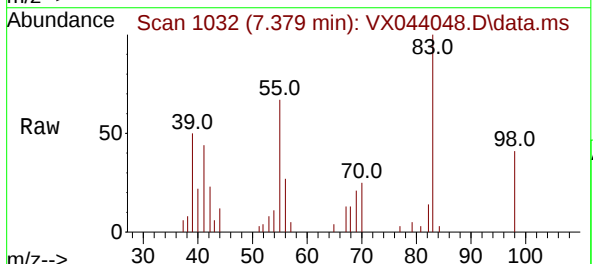
Tgt Ion: 83 Resp: 5223

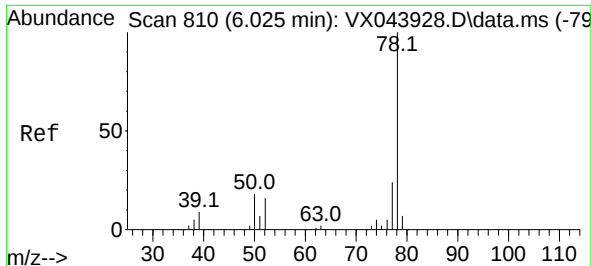
Ion Ratio Lower Upper

83 100

55 67.2 63.1 94.7

98 41.2 40.0 60.0

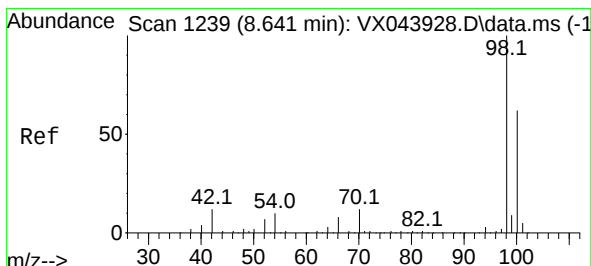
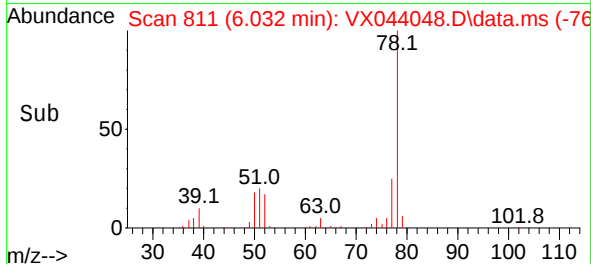
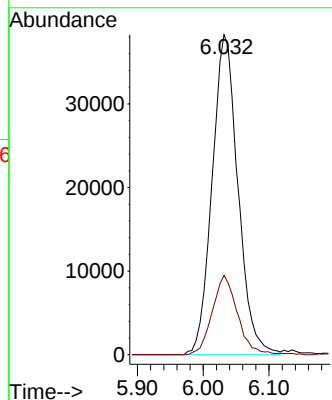
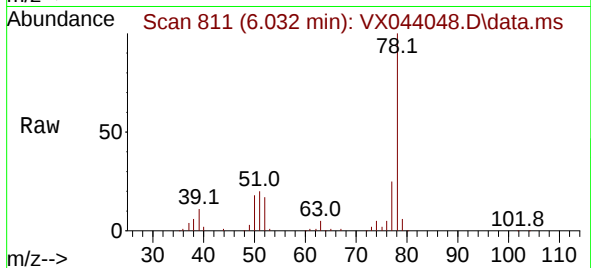




#40
Benzene
Concen: 16.945 ug/l
RT: 6.032 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX044048.D
Acq: 27 Nov 2024 18:06

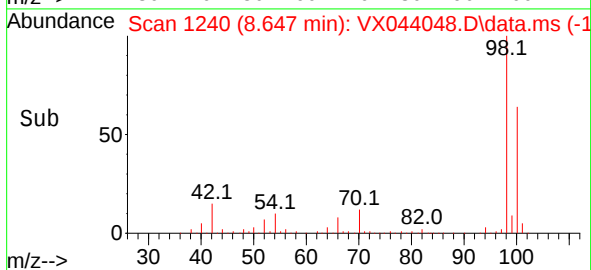
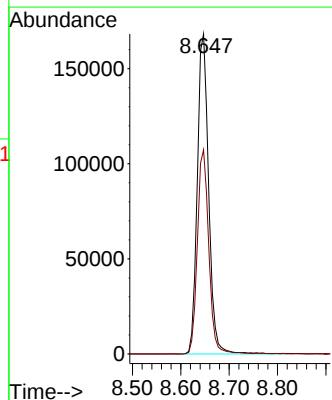
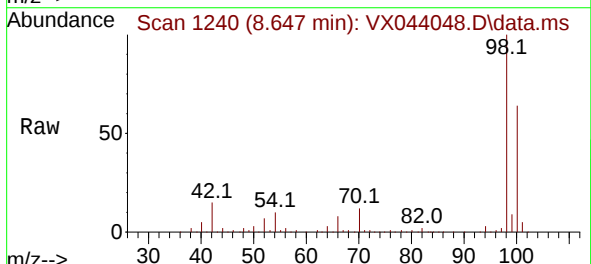
Instrument :
MSVOA_X
ClientSampleId :
MW-13

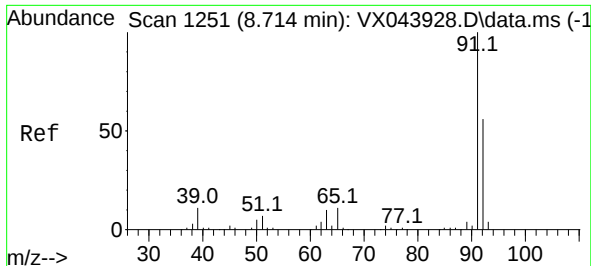
Tgt Ion: 78 Resp: 104682
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8



#50
Toluene-d8
Concen: 49.848 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044048.D
Acq: 27 Nov 2024 18:06

Tgt Ion: 98 Resp: 273477
Ion Ratio Lower Upper
98 100
100 63.9 52.6 79.0





#52

Toluene

Concen: 0.790 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

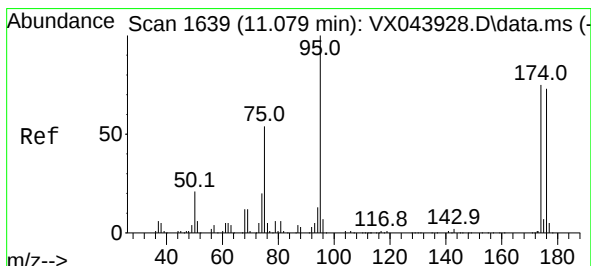
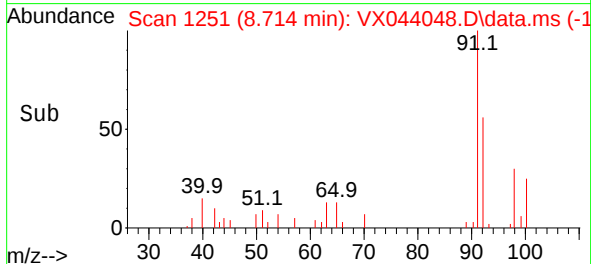
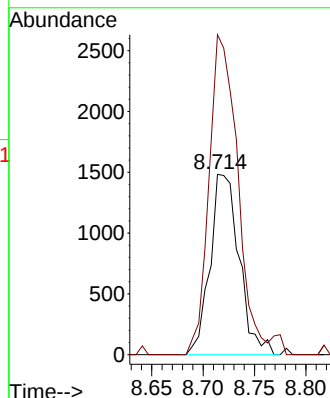
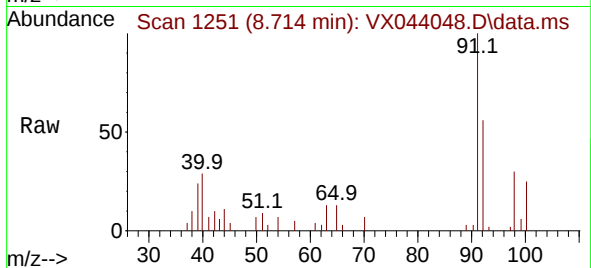
MW-13

Tgt Ion: 92 Resp: 2920

Ion Ratio Lower Upper

92 100

91 173.9 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 49.548 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

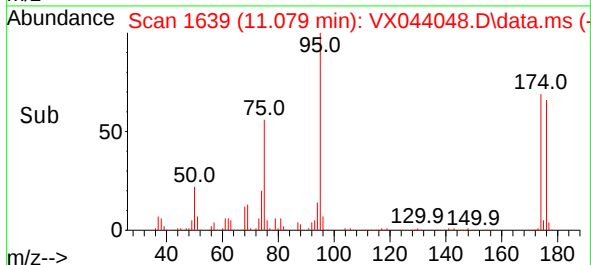
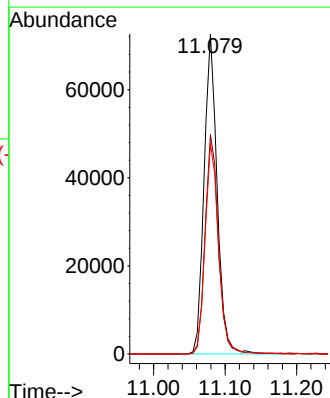
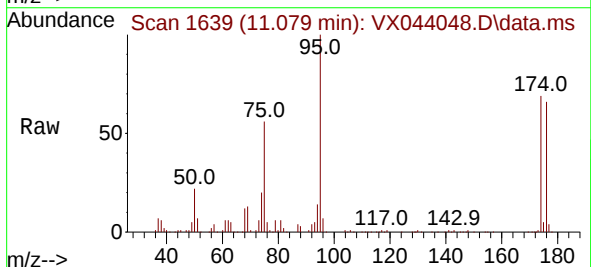
Tgt Ion: 95 Resp: 92512

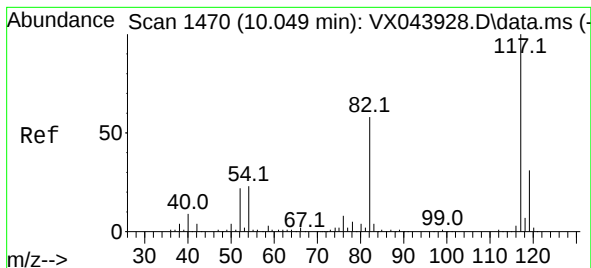
Ion Ratio Lower Upper

95 100

174 69.8 0.0 150.4

176 68.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

MW-13

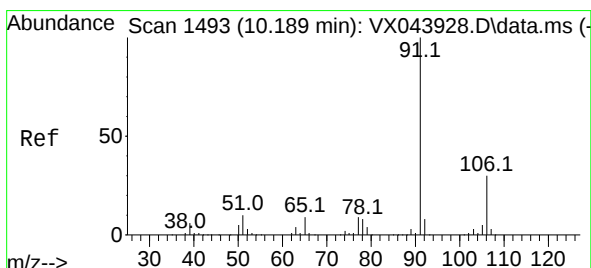
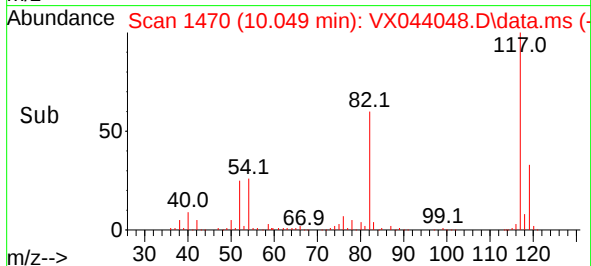
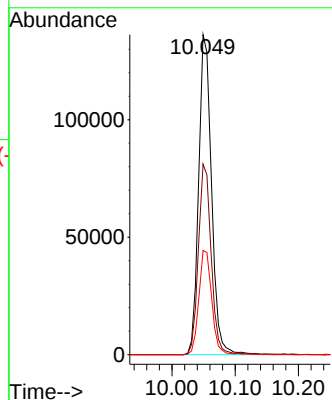
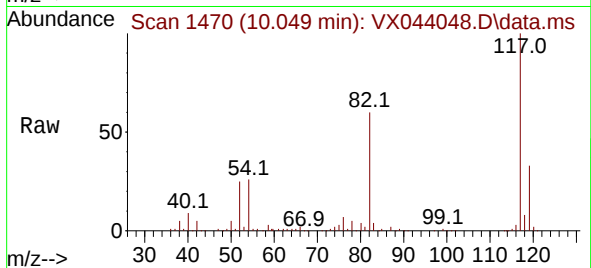
Tgt Ion:117 Resp: 193716

Ion Ratio Lower Upper

117 100

82 59.5 46.4 69.6

119 32.6 24.6 37.0



#67

Ethyl Benzene

Concen: 21.278 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044048.D

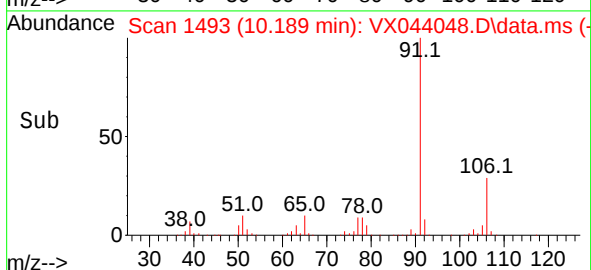
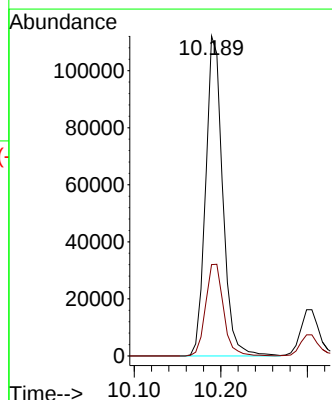
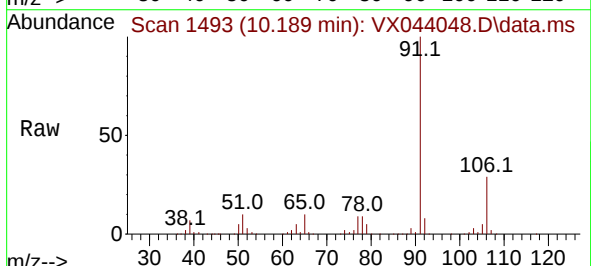
Acq: 27 Nov 2024 18:06

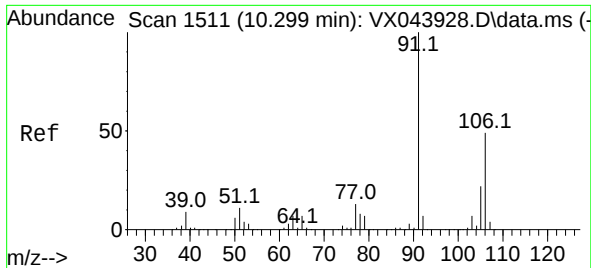
Tgt Ion: 91 Resp: 153400

Ion Ratio Lower Upper

91 100

106 28.5 23.6 35.4





#68

m/p-Xylenes

Concen: 4.371 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

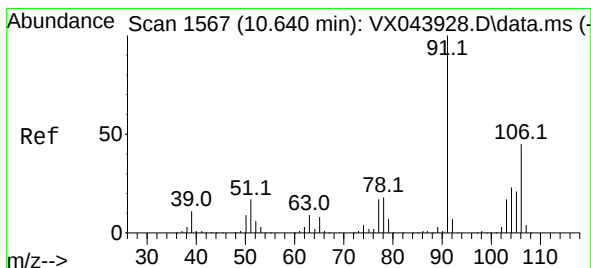
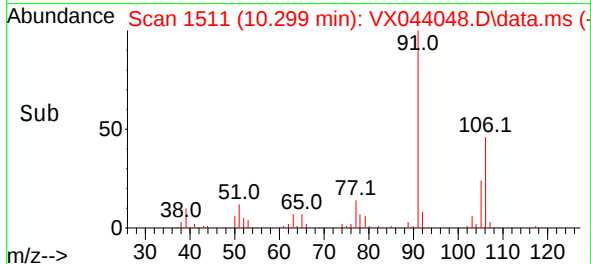
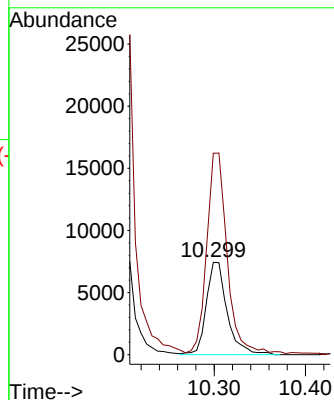
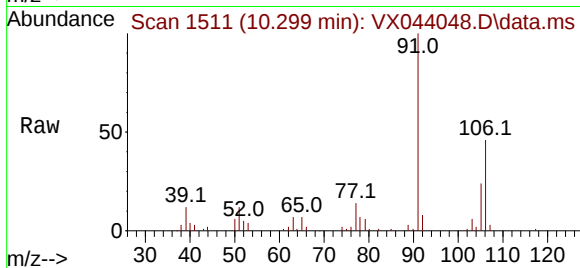
MW-13

Tgt Ion:106 Resp: 11752

Ion Ratio Lower Upper

106 100

91 212.6 168.1 252.1



#69

o-Xylene

Concen: 5.192 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044048.D

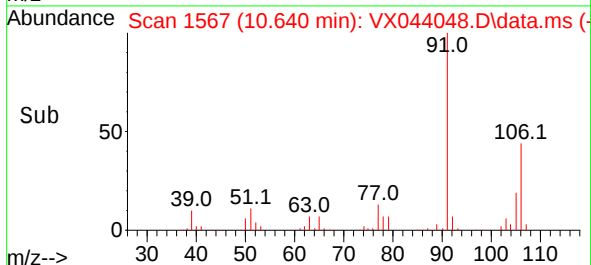
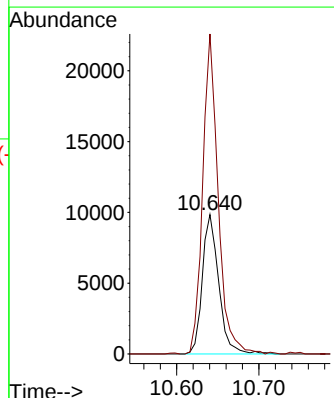
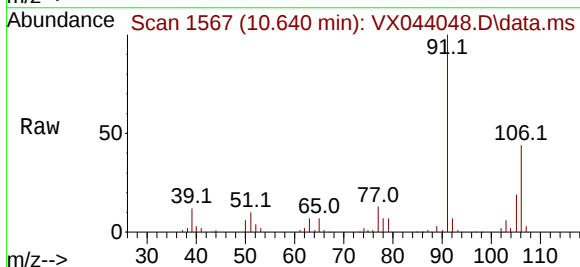
Acq: 27 Nov 2024 18:06

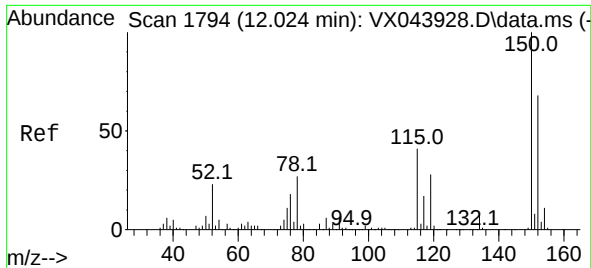
Tgt Ion:106 Resp: 13628

Ion Ratio Lower Upper

106 100

91 216.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

MW-13

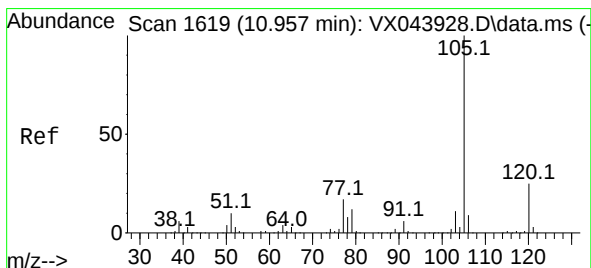
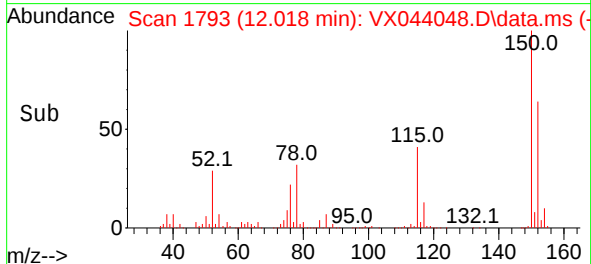
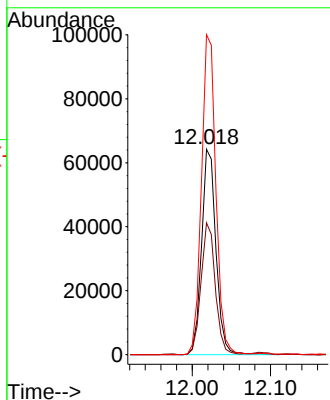
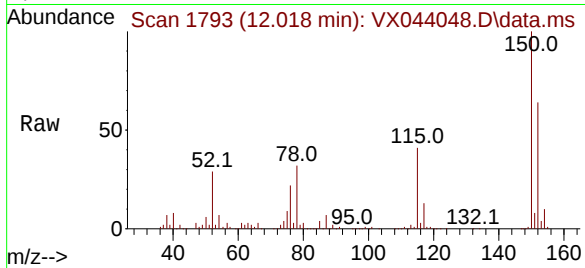
Tgt Ion:152 Resp: 82100

Ion Ratio Lower Upper

152 100

115 63.5 45.4 136.2

150 155.7 0.0 353.0



#73

Isopropylbenzene

Concen: 1.926 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044048.D

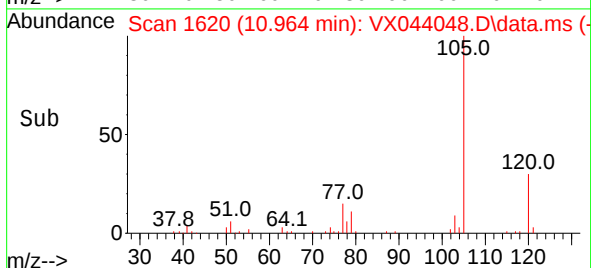
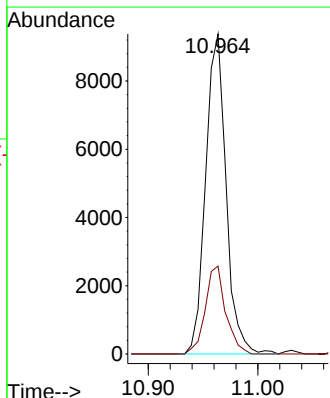
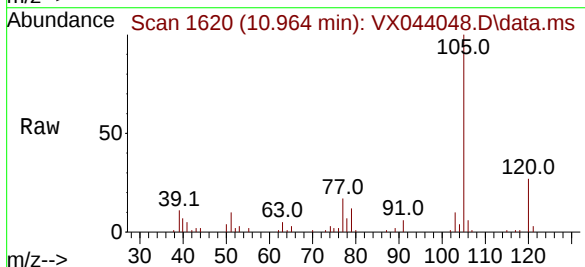
Acq: 27 Nov 2024 18:06

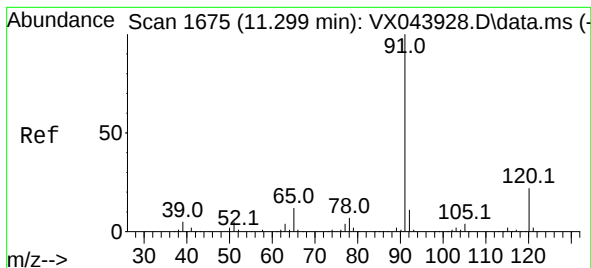
Tgt Ion:105 Resp: 12154

Ion Ratio Lower Upper

105 100

120 27.3 13.0 38.9





#78

n-propylbenzene

Concen: 2.765 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

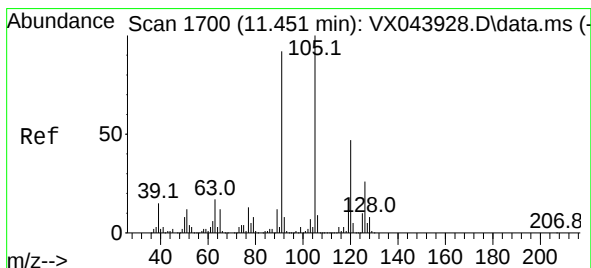
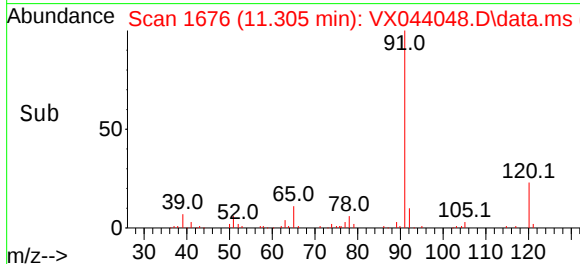
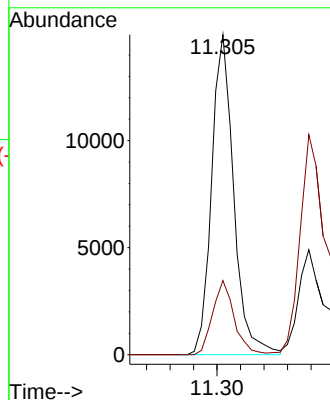
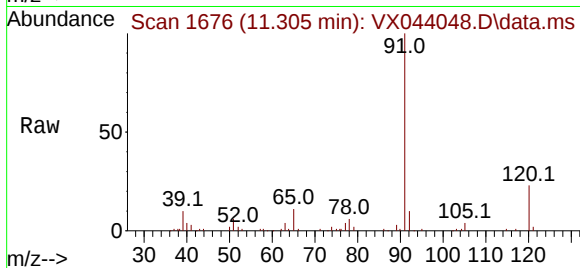
MW-13

Tgt Ion: 91 Resp: 19488

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.415 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX044048.D

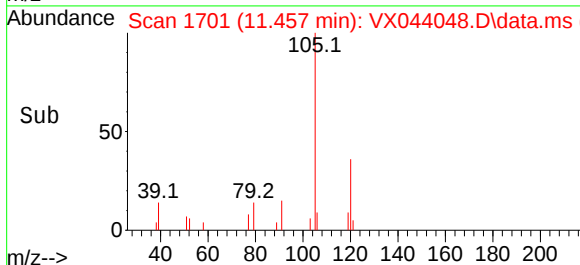
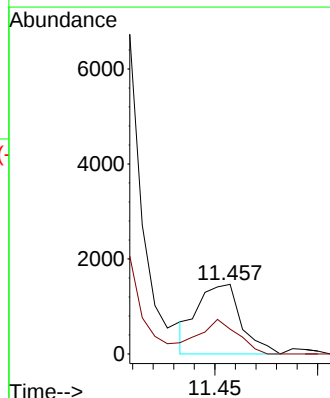
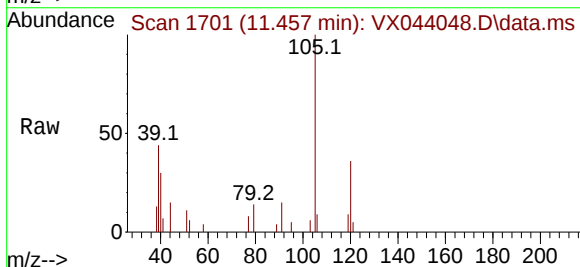
Acq: 27 Nov 2024 18:06

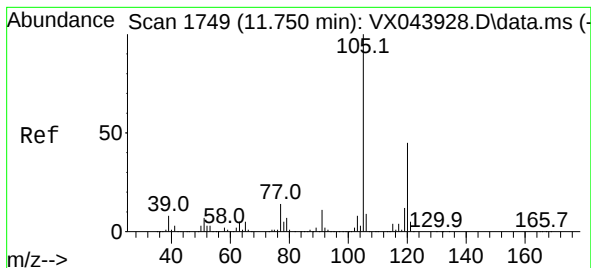
Tgt Ion:105 Resp: 2153

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 1.881 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Instrument :

MSVOA_X

ClientSampleId :

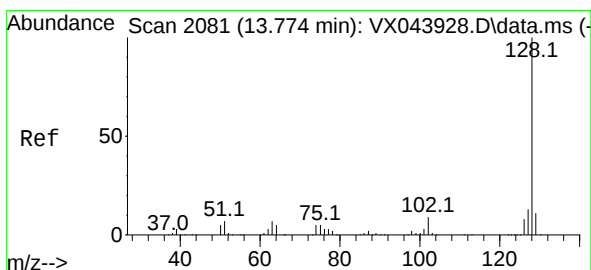
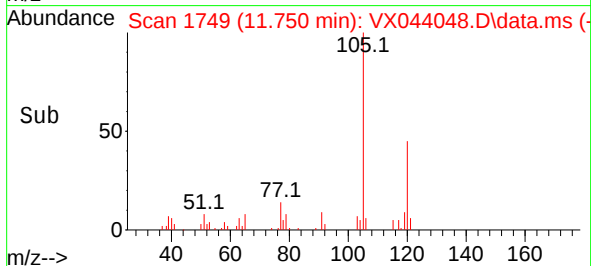
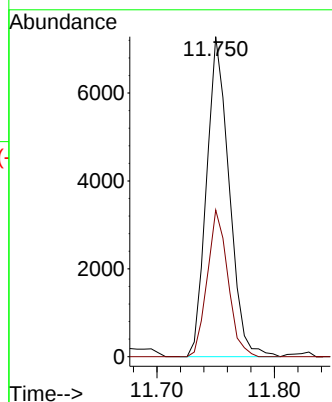
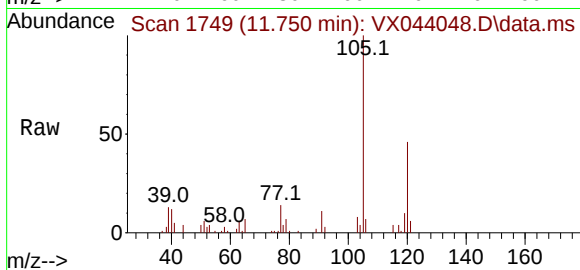
MW-13

Tgt Ion:105 Resp: 9724

Ion Ratio Lower Upper

105 100

120 41.9 21.9 65.7



#95

Naphthalene

Concen: 2.680 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044048.D

Acq: 27 Nov 2024 18:06

Tgt Ion:128 Resp: 15739

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 10.5 8.6 12.8

