

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008530.D
 Acq On : 28 Mar 2019 19:19
 Operator : JC/SP
 Sample : K2121-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11DL

Quant Time: Mar 29 10:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	371346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142722	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	154146	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.40%		
35) Dibromofluoromethane	5.49	113	113135	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.44%		
50) Toluene-d8	8.71	98	472269	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.56%		
62) 4-Bromofluorobenzene	11.13	95	167419	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.32%		

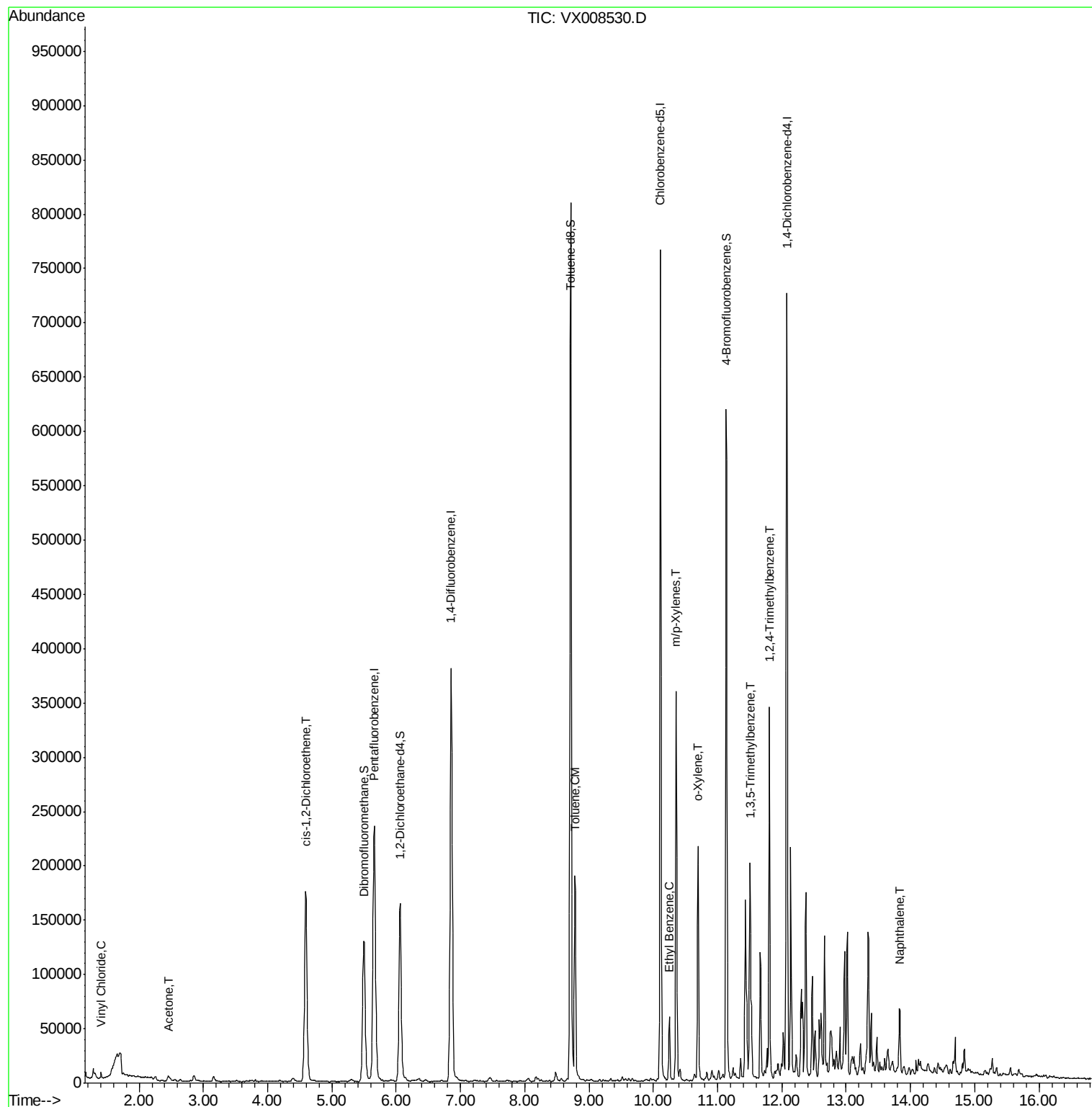
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	4169	1.139	ug/l	98
16) Acetone	2.45	43	5502	3.121	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	109153	34.489	ug/l	89
52) Toluene	8.78	92	69284	9.776	ug/l	99
67) Ethyl Benzene	10.25	91	32775	2.425	ug/l	100
68) m/p-Xylenes	10.35	106	79855	16.242	ug/l	99
69) o-Xylene	10.69	106	45529	9.542	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	81343	8.287	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	139328	14.033	ug/l	98
95) Naphthalene	13.83	128	35809	3.077	ug/l	99

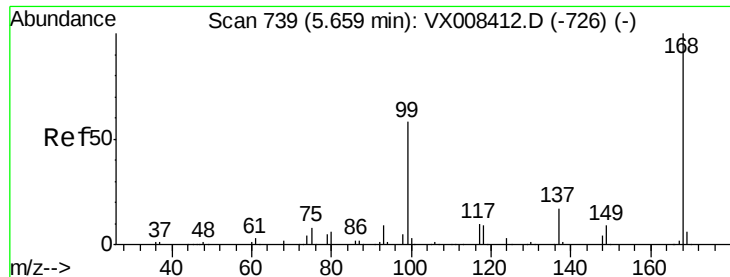
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032819\
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ClientSampled :
MW-11DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

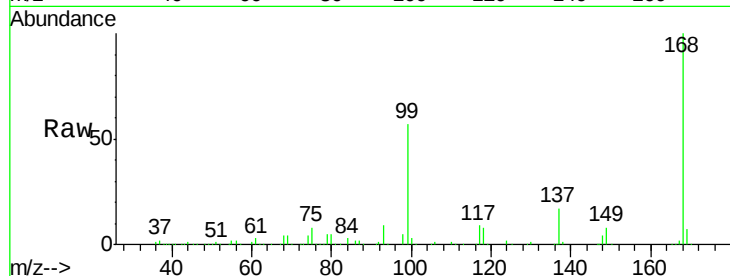
MW-11DL

Tot Ion:168 Resp: 222469

Ion Ratio Lower Upper

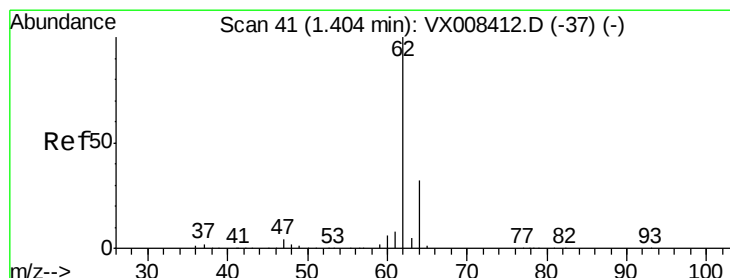
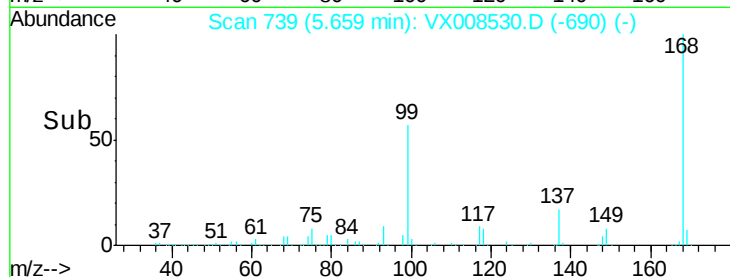
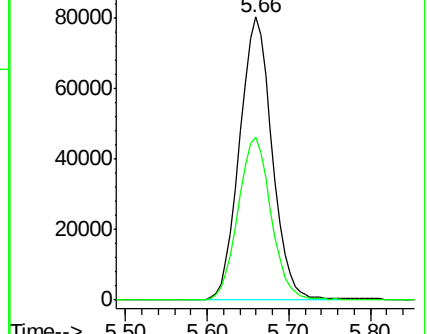
168 100

99 57.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.139 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008530.D

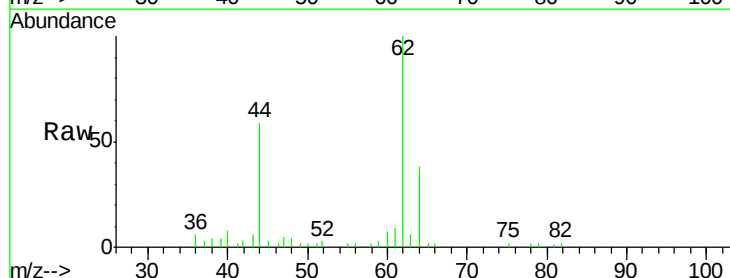
Acq: 28 Mar 2019 19:19

Tgt Ion: 62 Resp: 4169

Ion Ratio Lower Upper

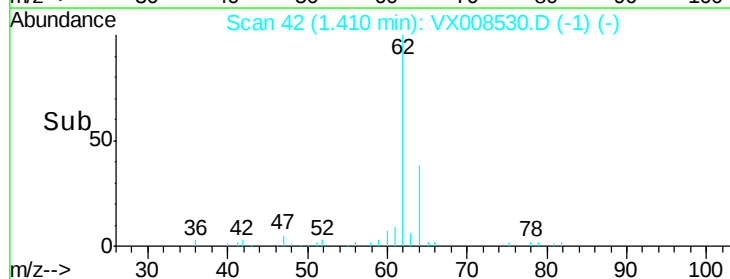
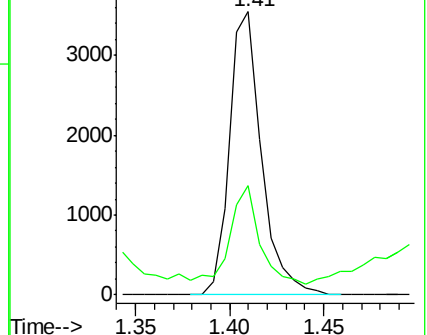
62 100

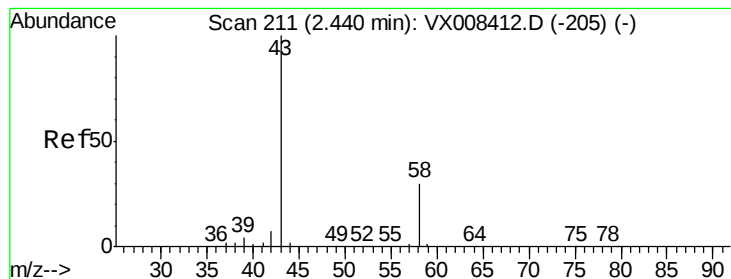
64 33.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.121 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

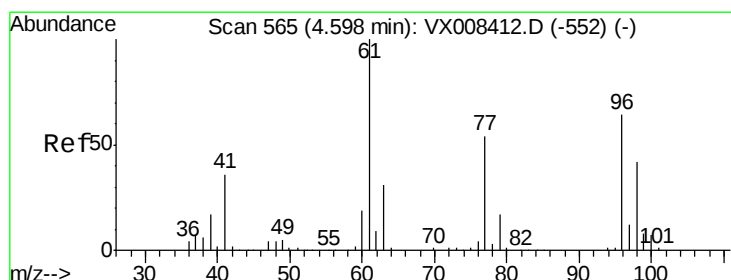
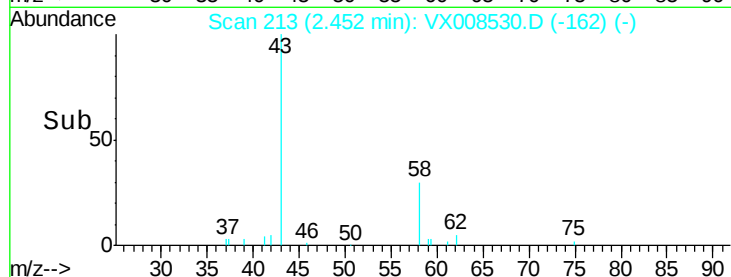
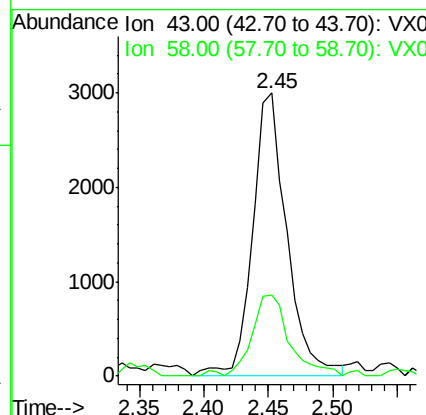
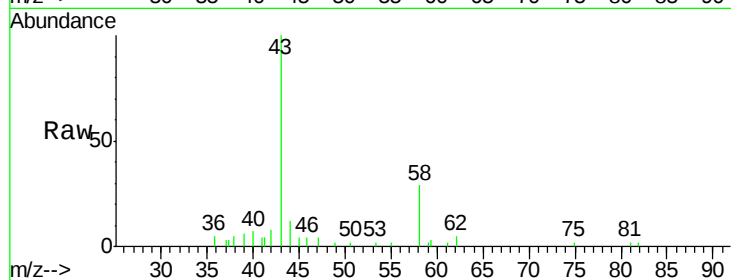
MW-11DL

Tot Ion: 43 Resp: 5502

Ion Ratio Lower Upper

43 100

58 28.8 24.2 36.2



#27

cis-1,2-Dichloroethene

Concen: 34.489 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

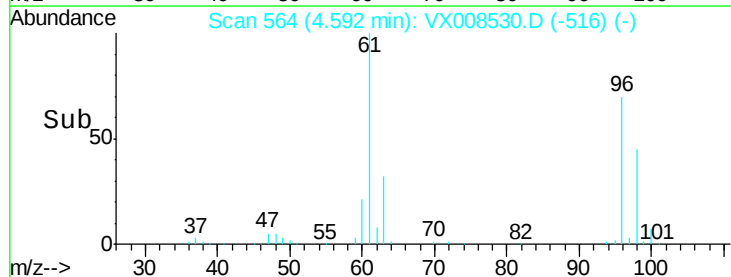
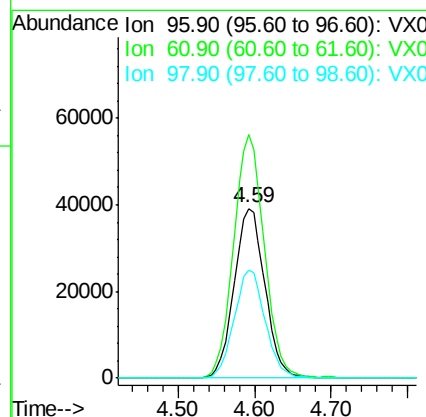
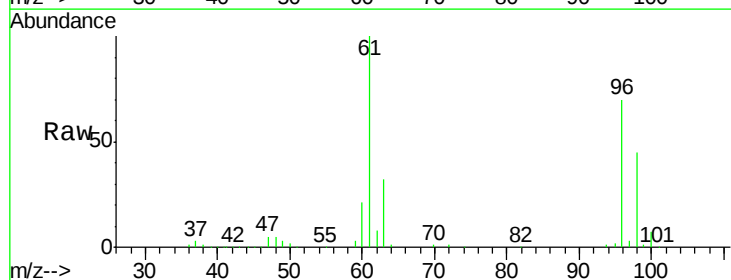
Tgt Ion: 96 Resp: 109153

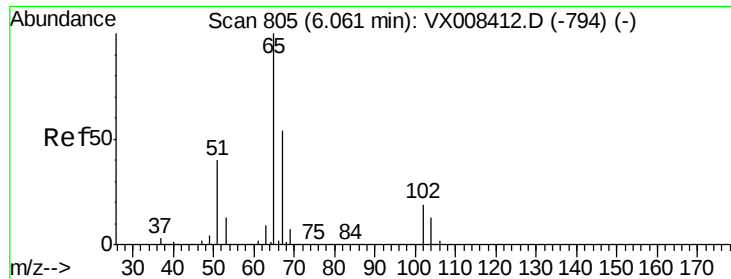
Ion Ratio Lower Upper

96 100

61 143.7 0.0 325.6

98 64.0 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 45.704 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

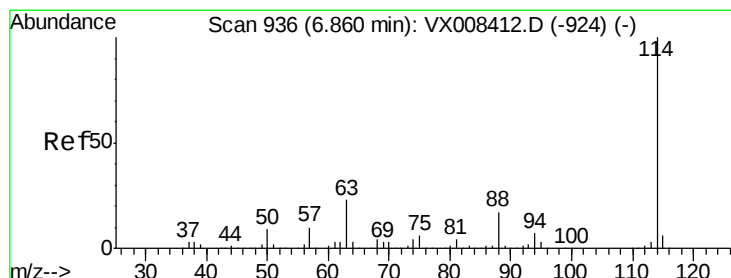
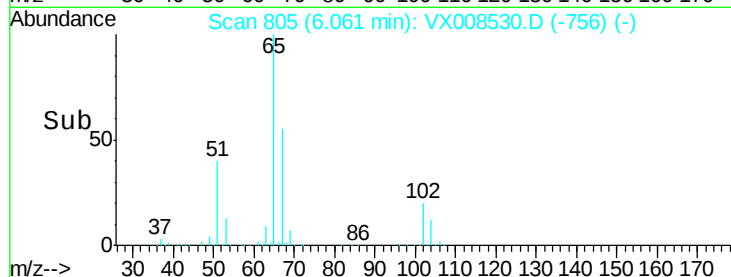
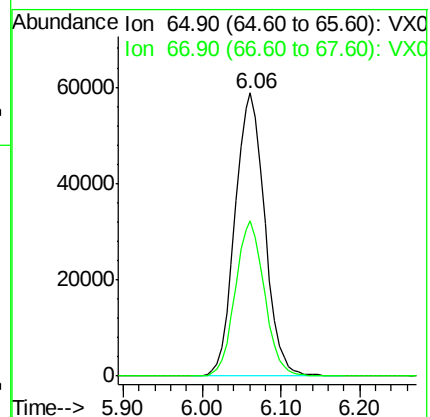
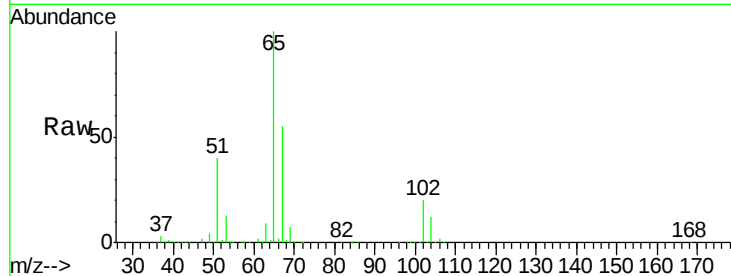
MW-11DL

Tot Ion: 65 Resp: 154146

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

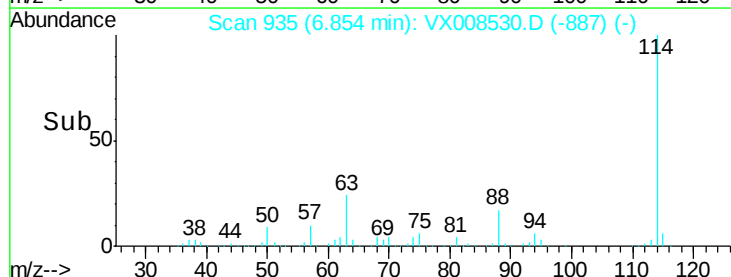
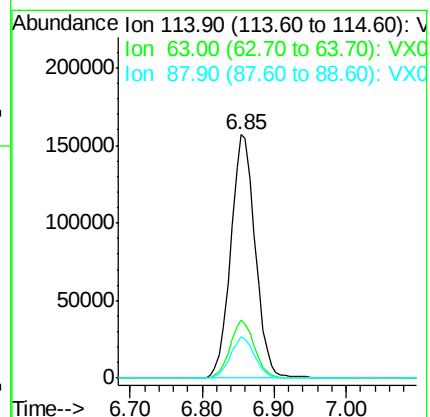
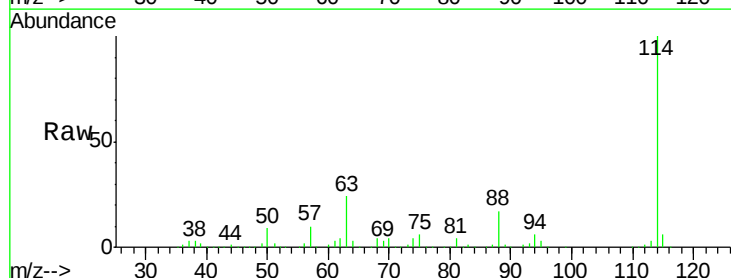
Tgt Ion: 114 Resp: 371346

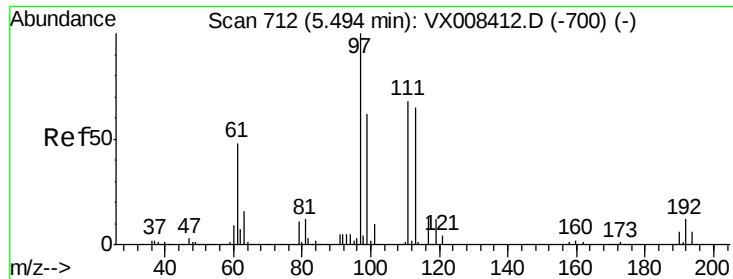
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

88 16.9 0.0 33.2

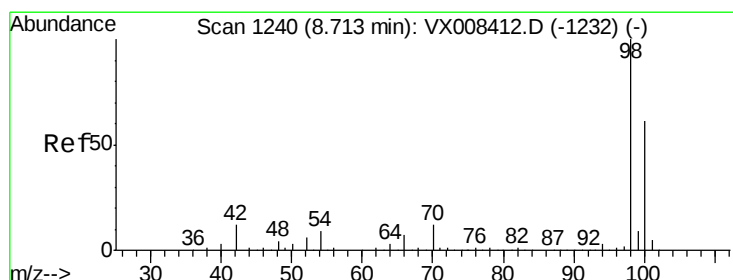
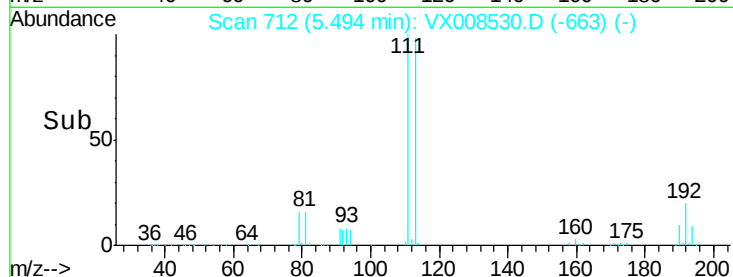
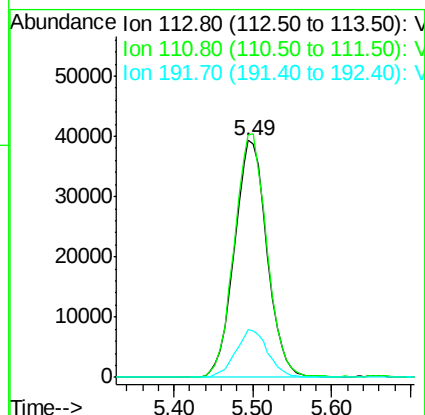
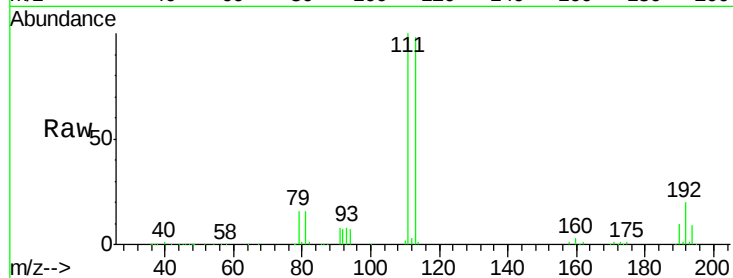




#35
Dibromofluoromethane
Concen: 46.724 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

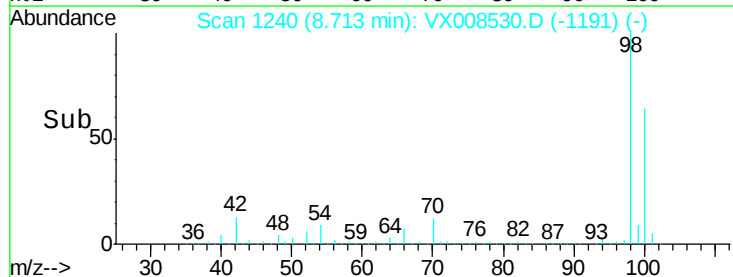
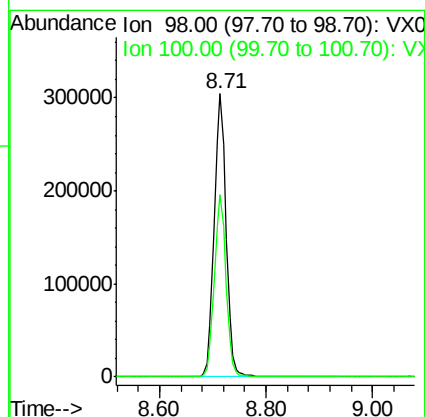
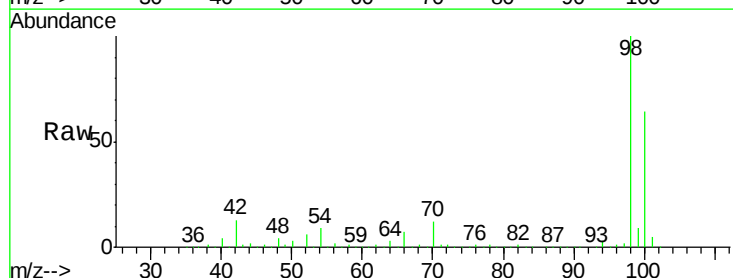
Instrument :
MSVOA_X
ClientSampleId :
MW-11DL

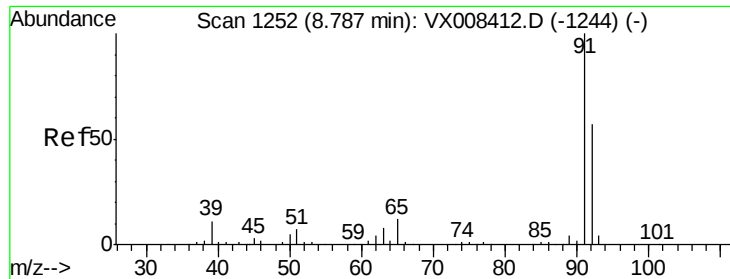
Tot Ion:113 Resp: 113135
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 19.9 15.6 23.4



#50
Toluene-d8
Concen: 48.778 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 98 Resp: 472269
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#52

Toluene

Concen: 9.776 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

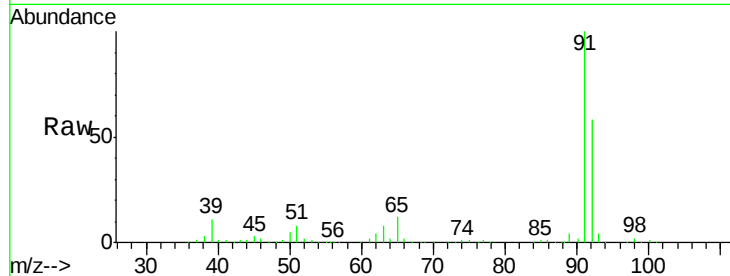
MW-11DL

Tot Ion: 92 Resp: 69284

Ion Ratio Lower Upper

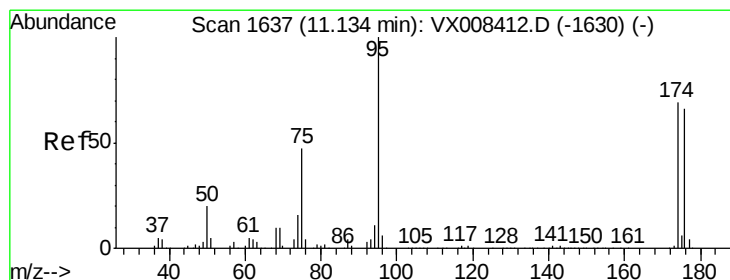
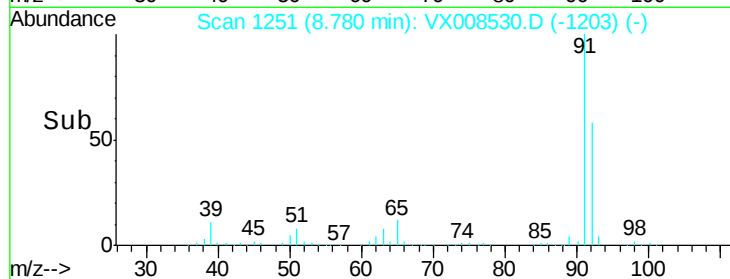
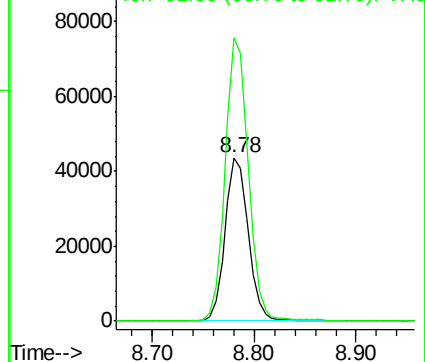
92 100

91 173.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.664 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

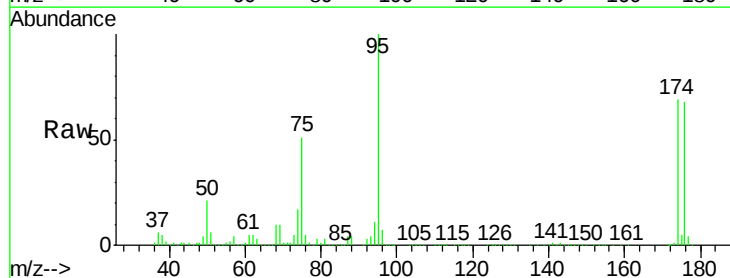
Tgt Ion: 95 Resp: 167419

Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.2

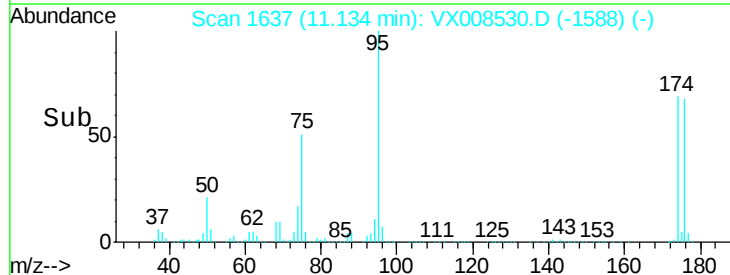
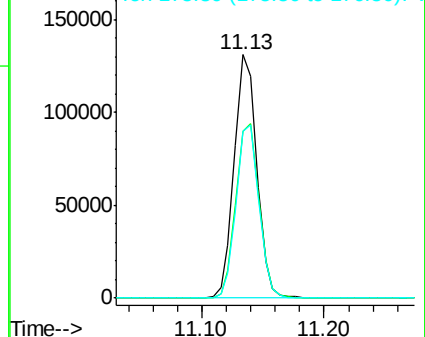
176 71.7 0.0 142.4

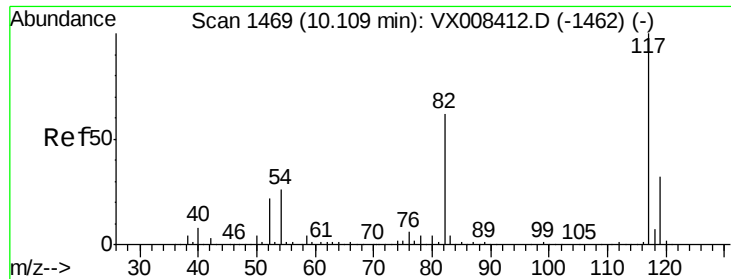


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

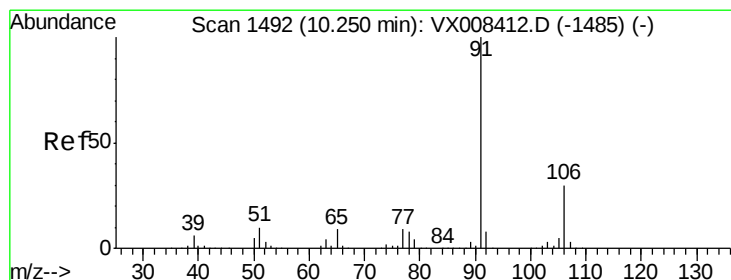
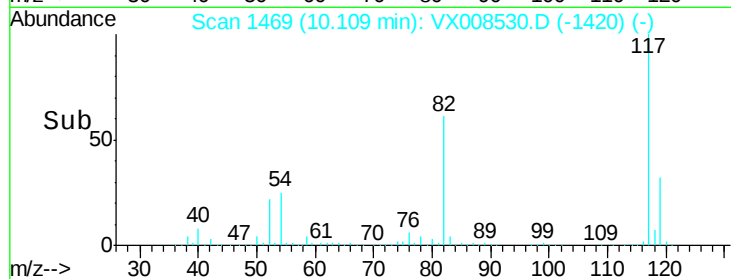
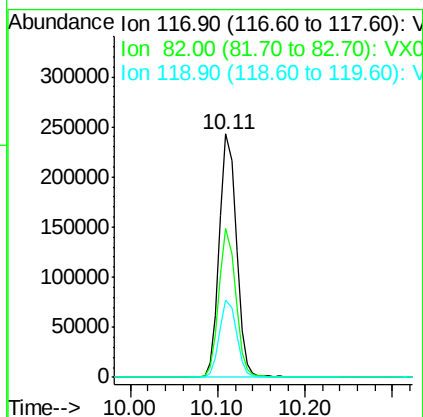
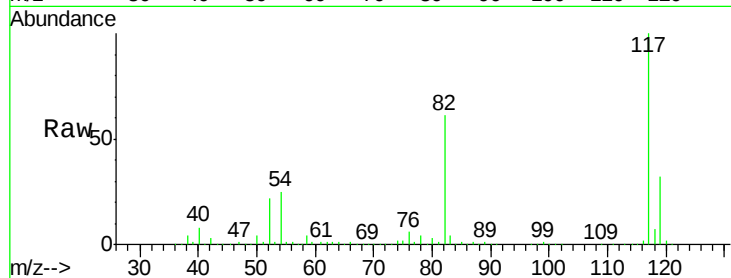




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

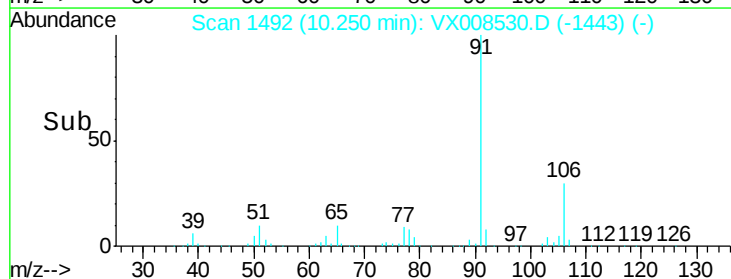
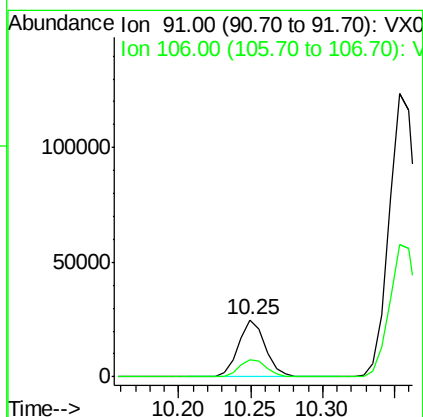
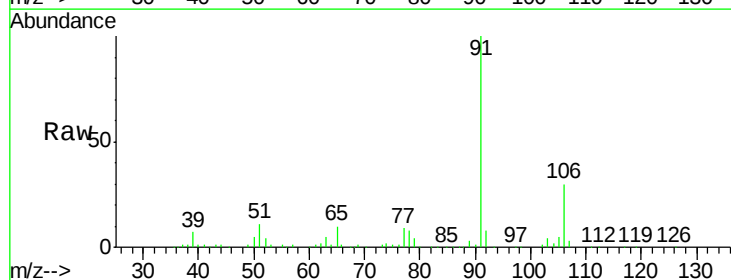
Instrument :
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MW-11DL

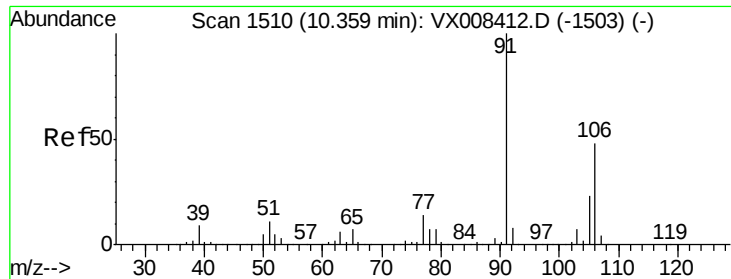
Tot Ion:117 Resp: 329287
Ion Ratio Lower Upper
117 100
82 60.9 49.4 74.2
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 2.425 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 91 Resp: 32775
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

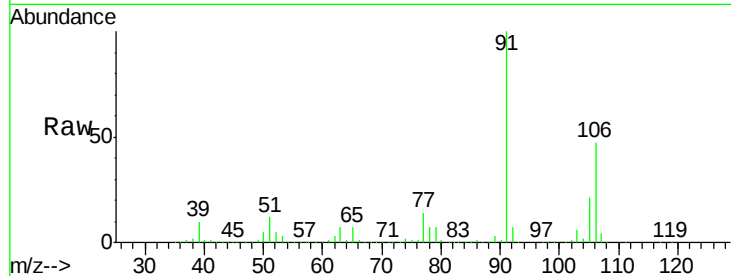




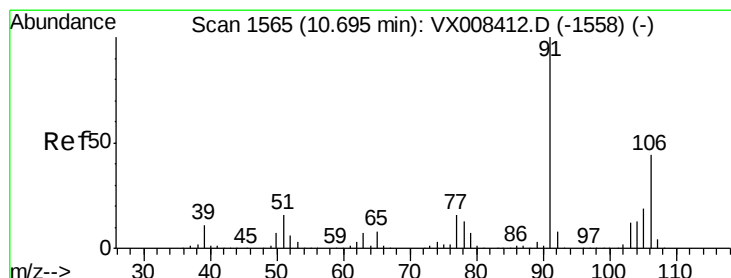
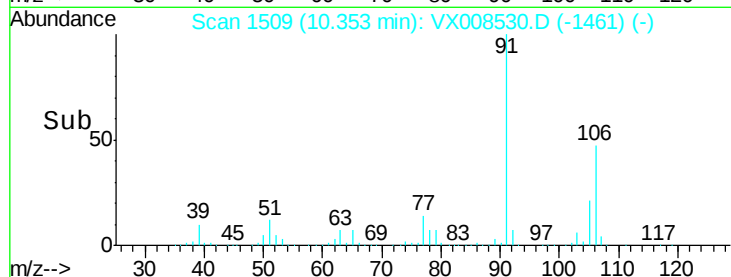
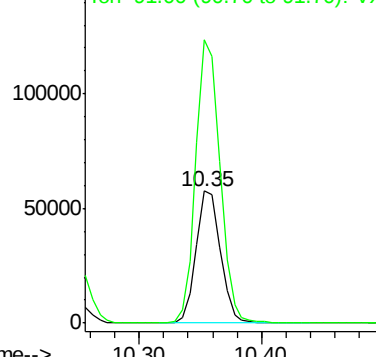
#68
m/p-Xylenes
Concen: 16.242 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
MW-11DL

Tot Ion:106 Resp: 79855
Ion Ratio Lower Upper
106 100
91 212.4 168.6 253.0

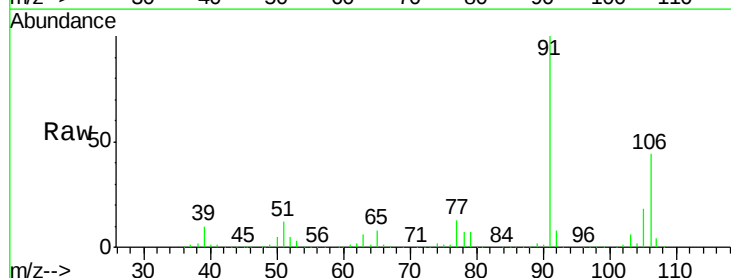


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

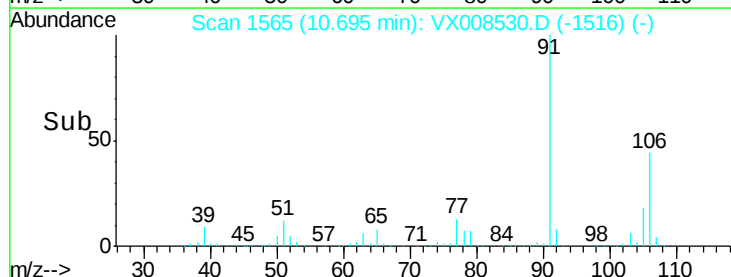
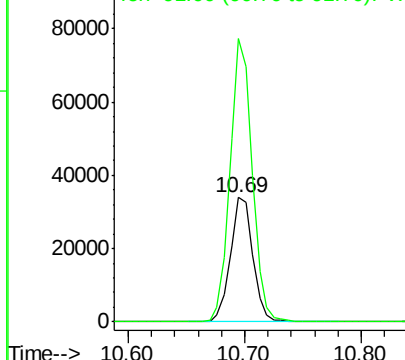


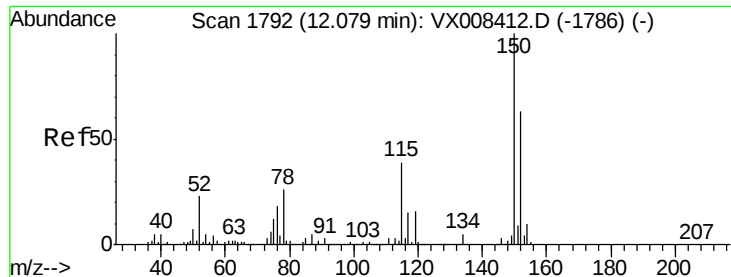
#69
o-Xylene
Concen: 9.542 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion:106 Resp: 45529
Ion Ratio Lower Upper
106 100
91 225.6 111.4 334.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-11DL

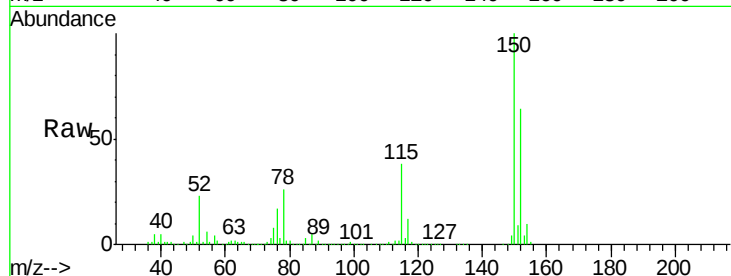
Tot Ion:152 Resp: 142722

Ion Ratio Lower Upper

152 100

115 61.0 43.5 130.5

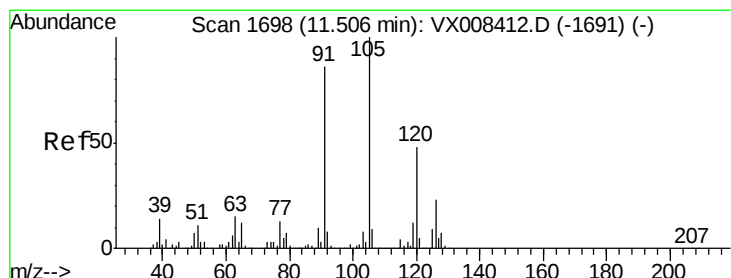
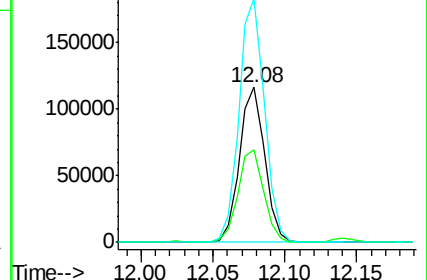
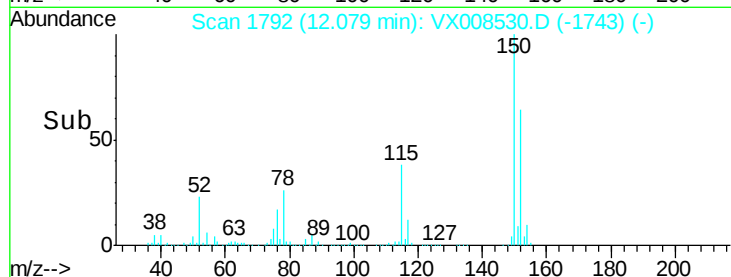
150 158.6 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 8.287 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008530.D

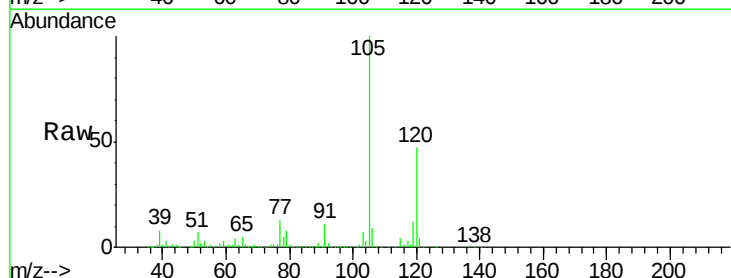
Acq: 28 Mar 2019 19:19

Tgt Ion:105 Resp: 81343

Ion Ratio Lower Upper

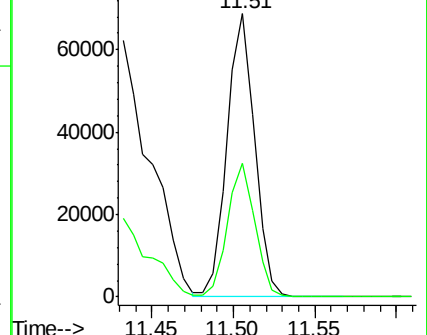
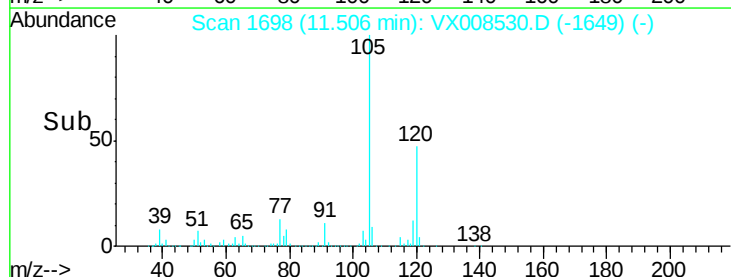
105 100

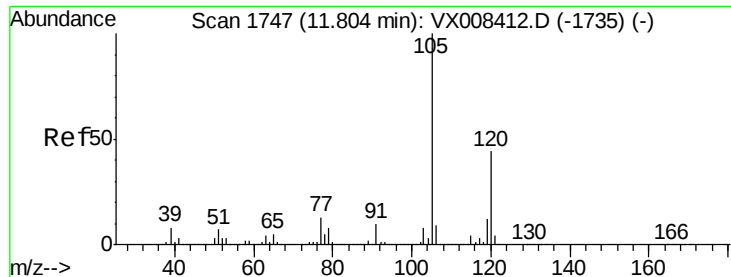
120 46.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 14.033 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

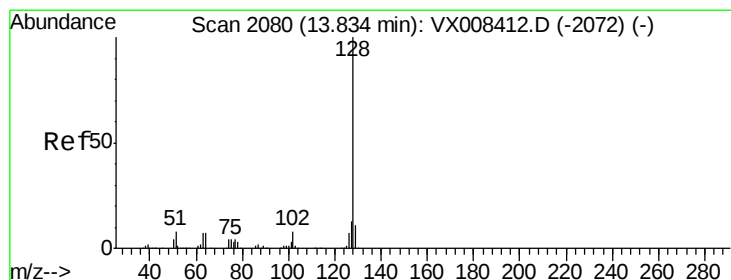
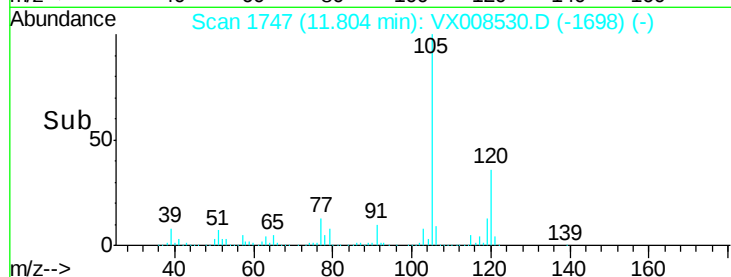
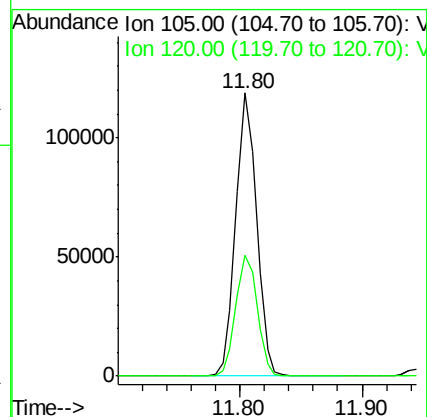
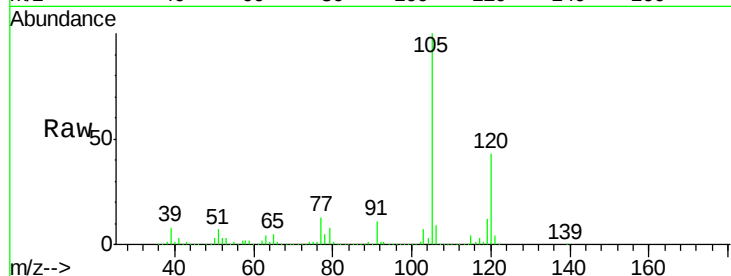
MW-11DL

Tot Ion:105 Resp: 139328

Ion Ratio Lower Upper

105 100

120 44.5 21.6 65.0



#95

Naphthalene

Concen: 3.077 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Tgt Ion:128 Resp: 35809

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 8.7 13.1

