

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
 Data File : VX008462.D
 Acq On : 26 Mar 2019 18:21
 Operator : JC/SP
 Sample : K2088-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104

Quant Time: Mar 27 03:18:41 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

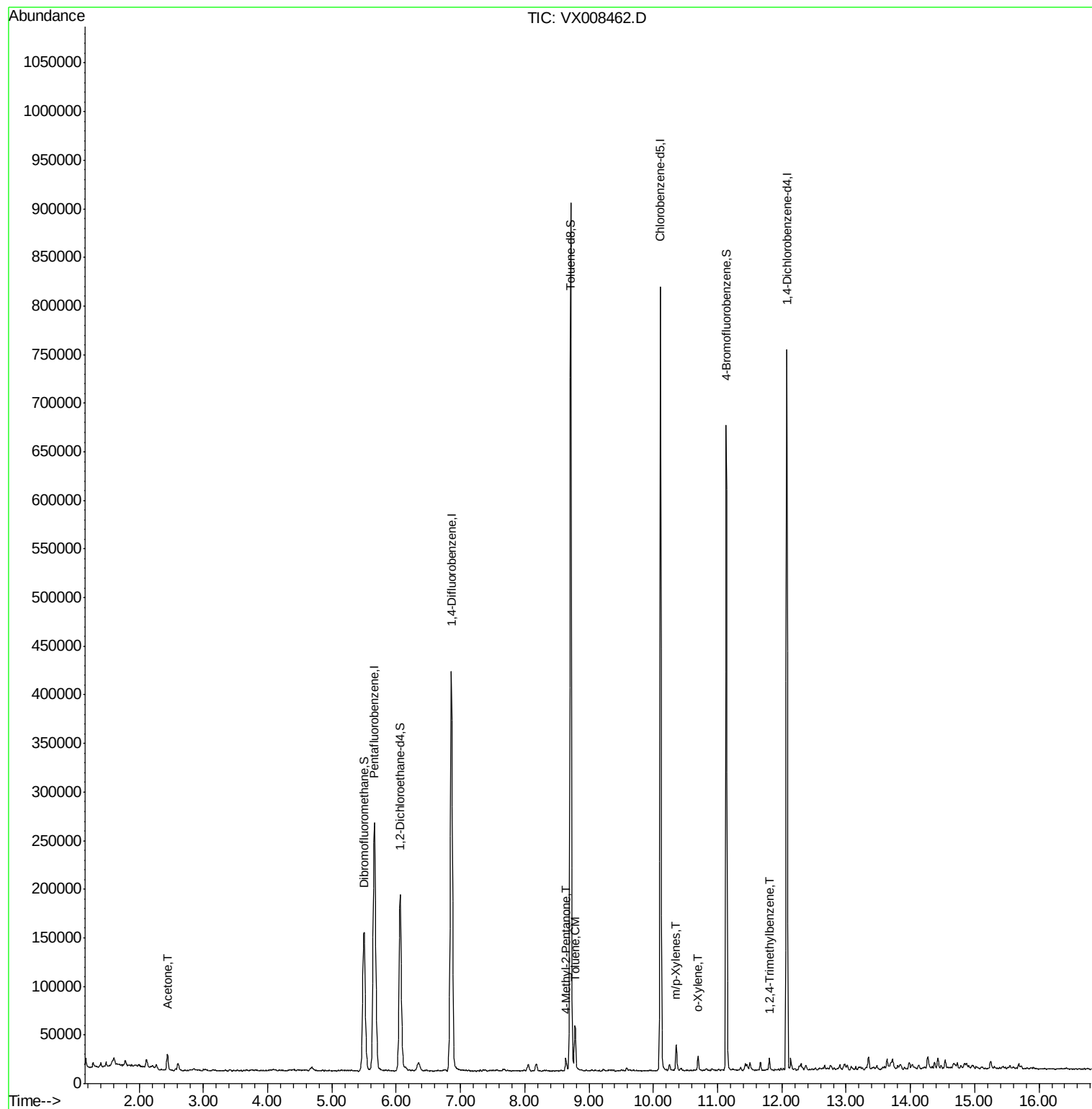
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	171473	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
35) Dibromofluoromethane	5.50	113	124345	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	509646	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	176486	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.44	43	18140	9.445	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	8175	1.397	ug/l	99
52) Toluene	8.78	92	16197	2.081	ug/l	97
68) m/p-Xylenes	10.35	106	6009	1.145	ug/l	96
69) o-Xylene	10.69	106	2951	0.579	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	5158	0.499	ug/l	99

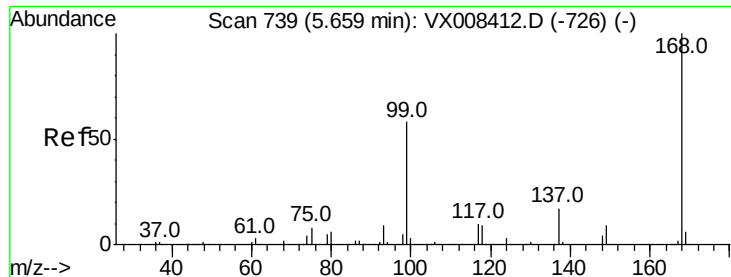
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

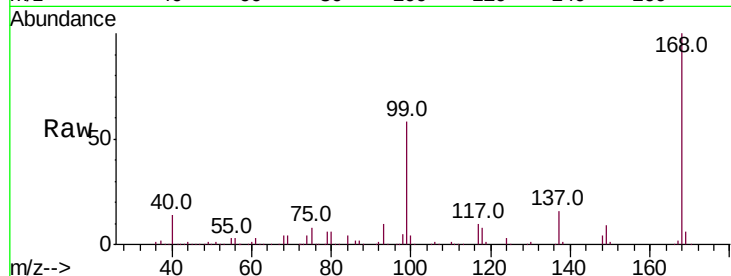
MW-104

Tot Ion:168 Resp: 242384

Ion Ratio Lower Upper

168 100

99 58.4 46.0 69.0

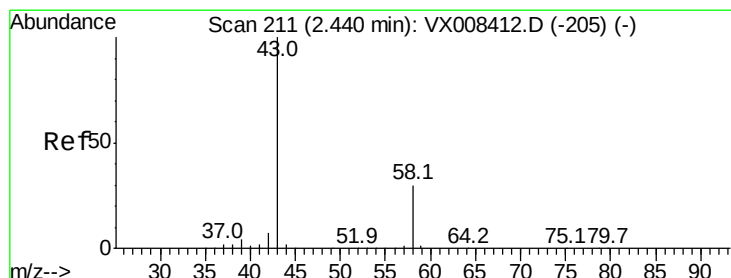
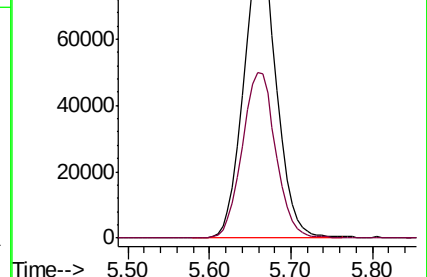
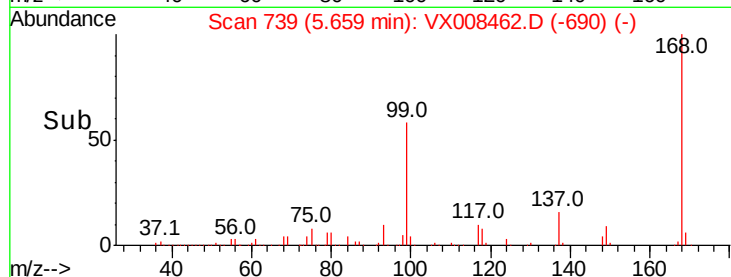


Abundance Ion 167.90 (167.60 to 168.60): VX008412.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008412.D (-726) (-)

5.66

Time-->



#16

Acetone

Concen: 9.445 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008462.D

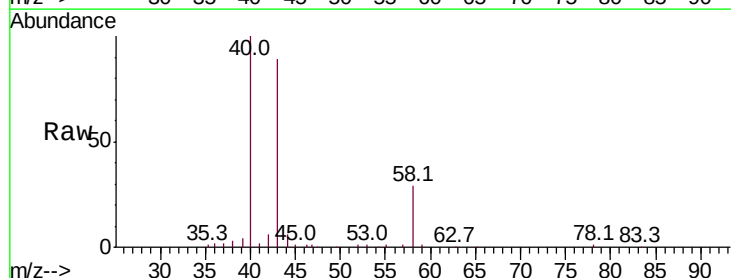
Acq: 26 Mar 2019 18:21

Tgt Ion: 43 Resp: 18140

Ion Ratio Lower Upper

43 100

58 33.2 24.2 36.2

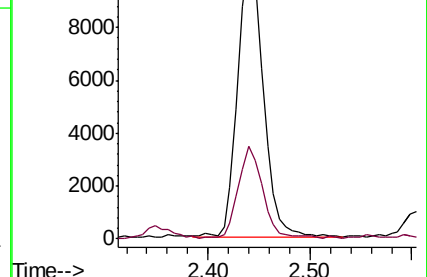
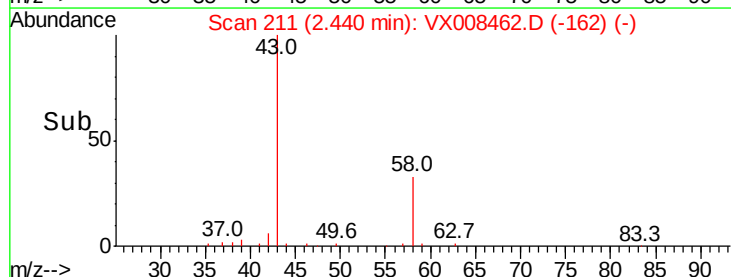


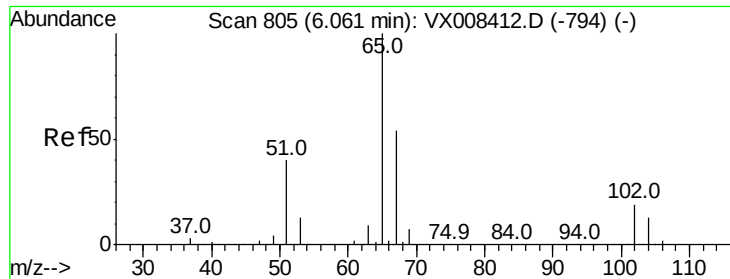
Abundance Ion 43.00 (42.70 to 43.70): VX008412.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX008412.D (-205) (-)

2.44

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.664 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

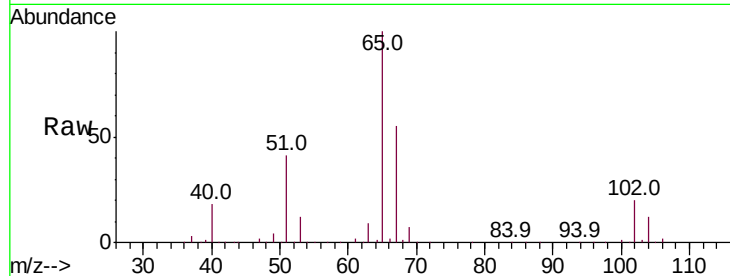
MW-104

Tot Ion: 65 Resp: 171473

Ion Ratio Lower Upper

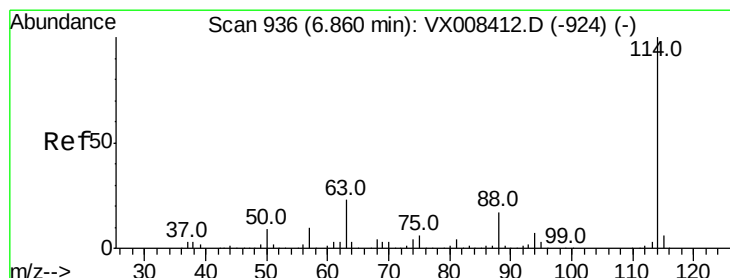
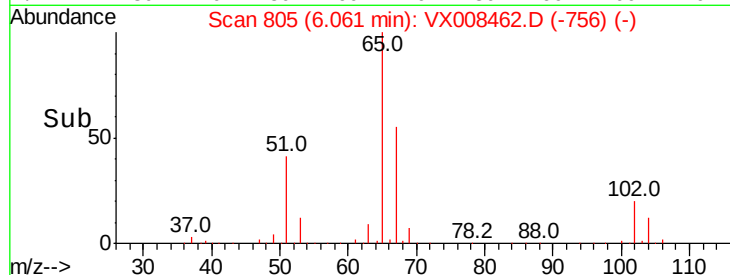
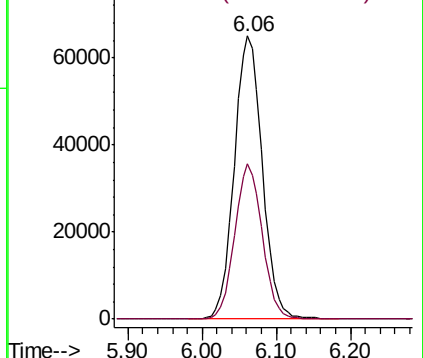
65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

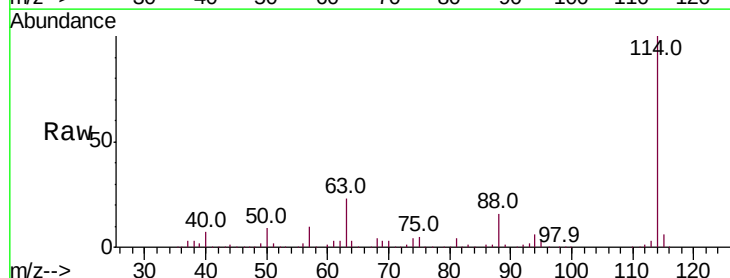
Tgt Ion:114 Resp: 407886

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

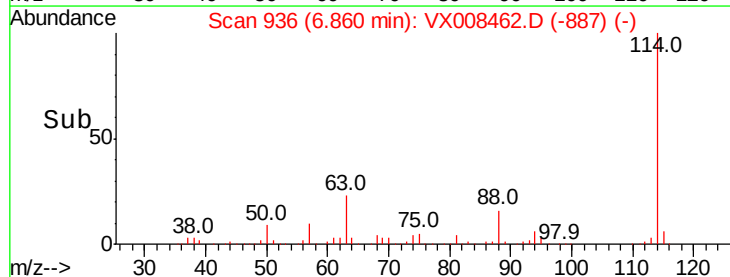
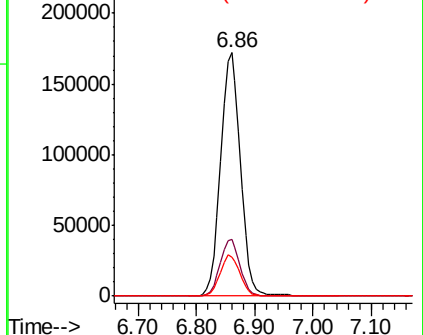
88 16.2 0.0 33.2

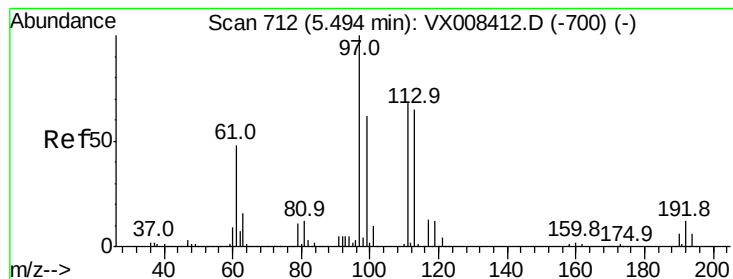


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.753 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-104

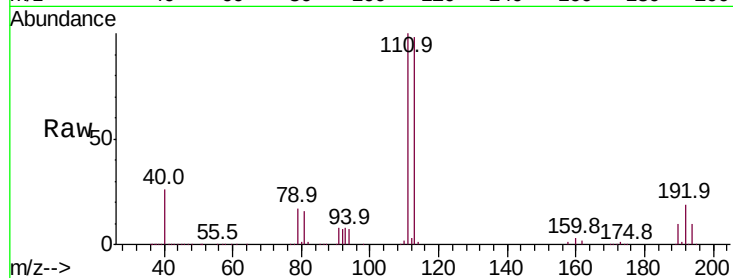
Tot Ion:113 Resp: 124345

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

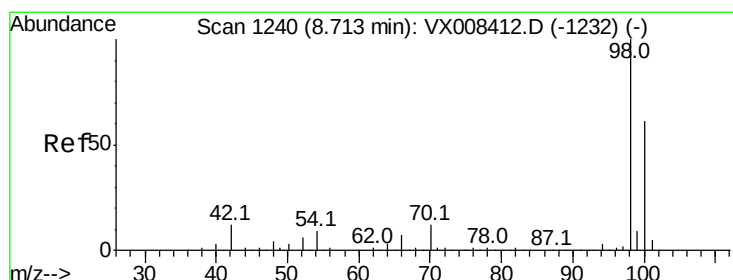
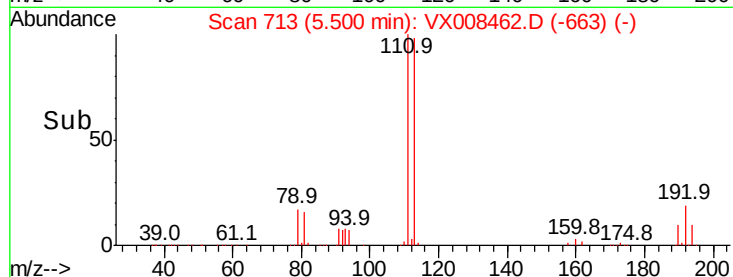
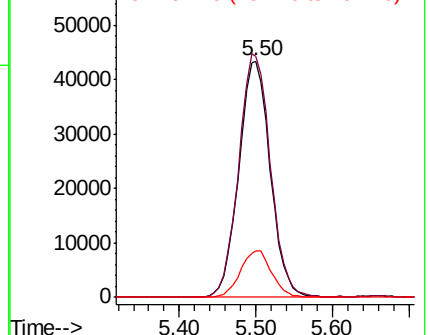
192 19.6 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 47.923 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008462.D

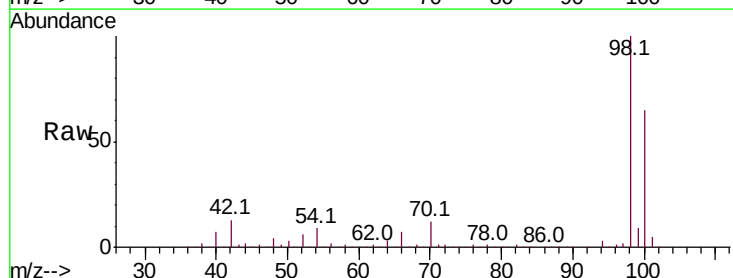
Acq: 26 Mar 2019 18:21

Tgt Ion: 98 Resp: 509646

Ion Ratio Lower Upper

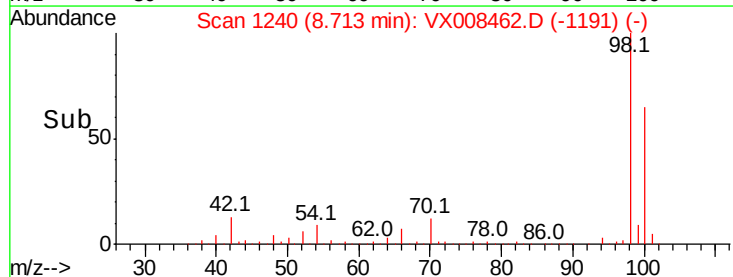
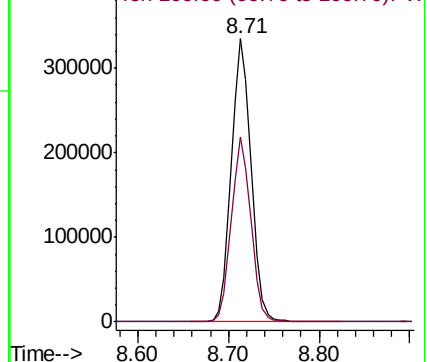
98 100

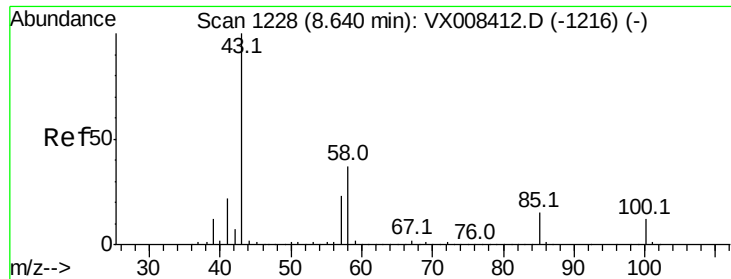
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.397 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

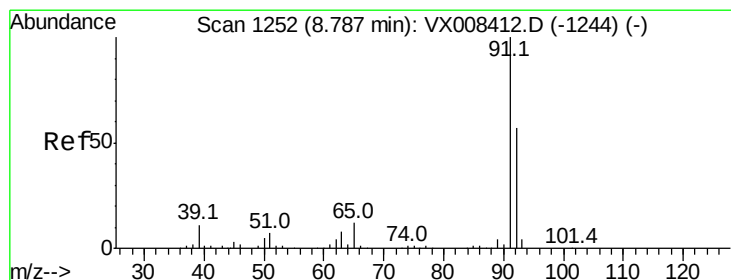
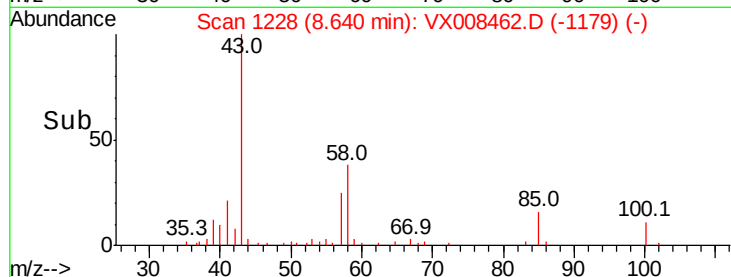
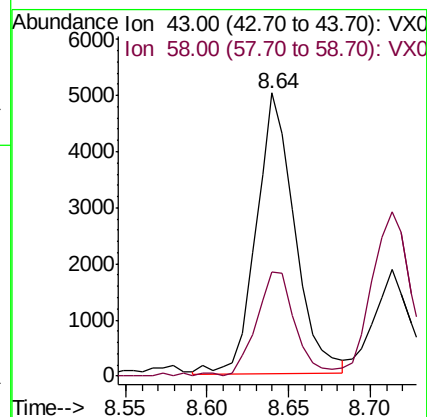
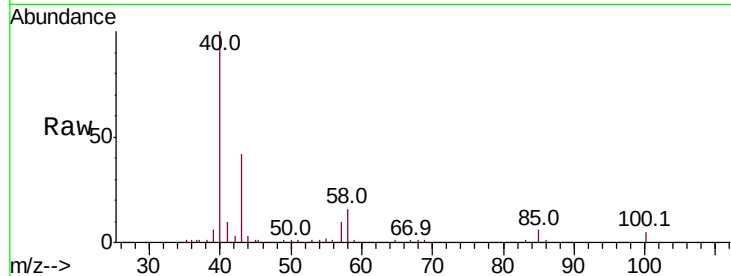
MW-104

Tot Ion: 43 Resp: 8175

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.8



#52

Toluene

Concen: 2.081 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008462.D

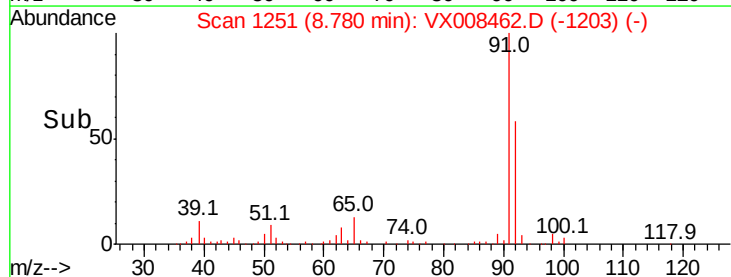
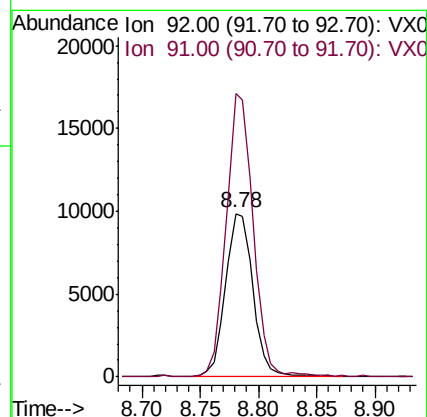
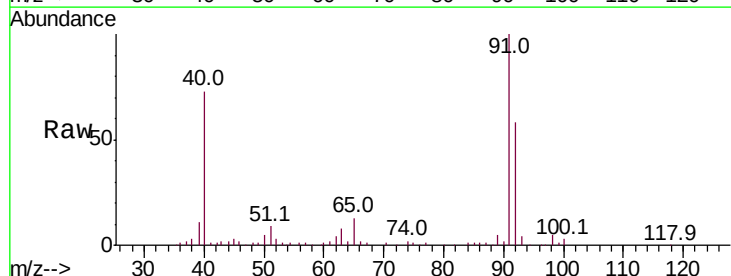
Acq: 26 Mar 2019 18:21

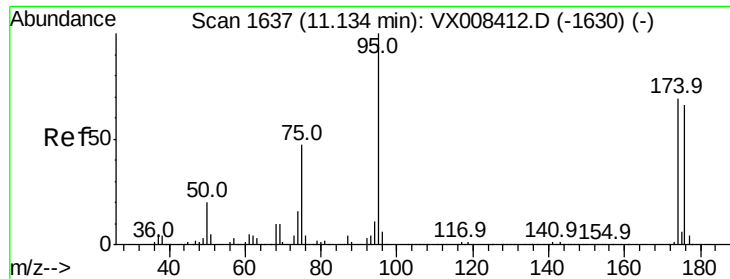
Tgt Ion: 92 Resp: 16197

Ion Ratio Lower Upper

92 100

91 170.9 140.2 210.4





#62

4-Bromofluorobenzene

Concen: 44.784 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-104

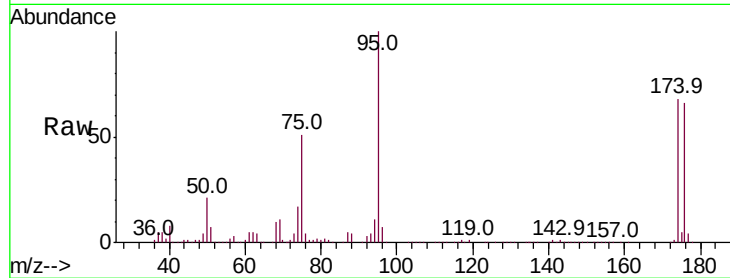
Tot Ion: 95 Resp: 176486

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.2

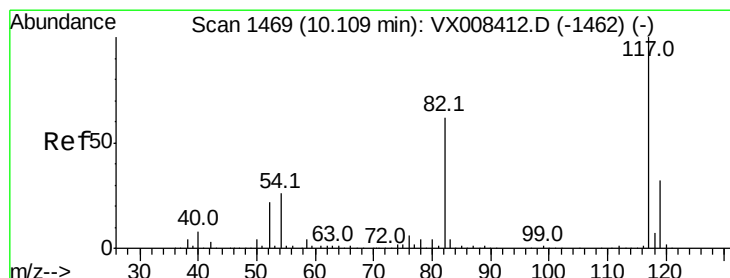
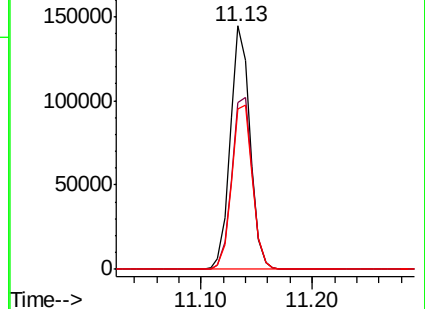
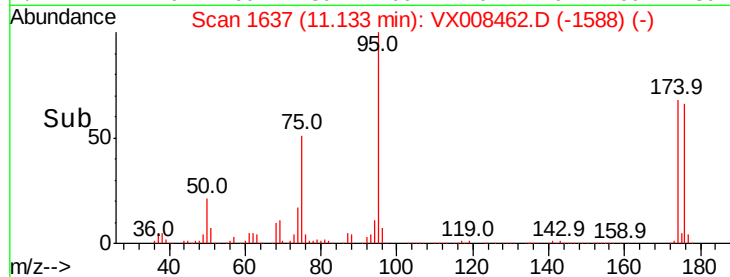
176 71.2 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008412.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008412.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008412.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

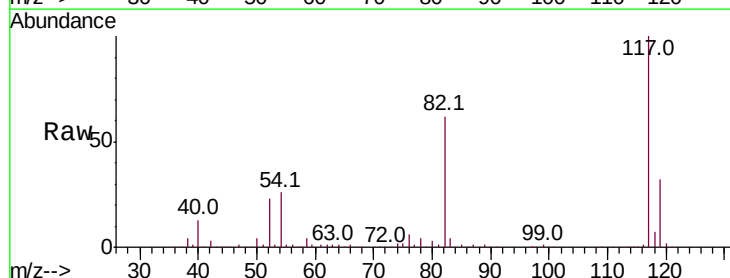
Tgt Ion: 117 Resp: 351523

Ion Ratio Lower Upper

117 100

82 62.2 49.4 74.2

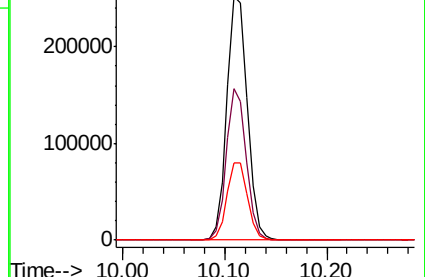
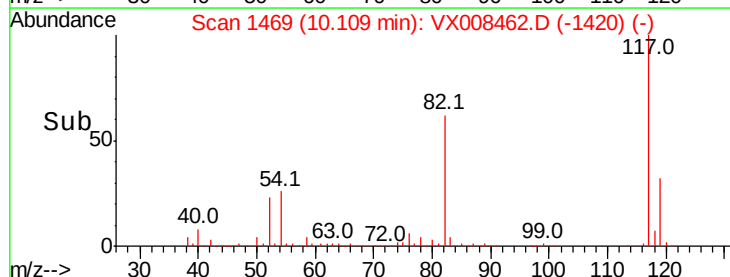
119 32.0 25.4 38.0

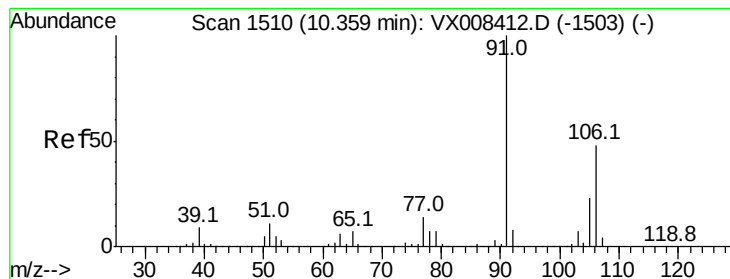


Abundance Ion 116.90 (116.60 to 117.60): VX008412.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008412.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008412.D (-1462) (-)





#68

m/p-Xylenes

Concen: 1.145 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampled :

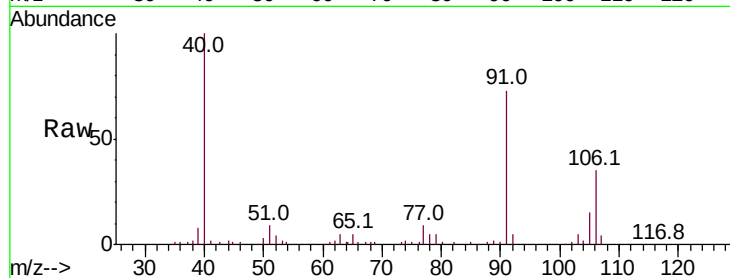
MW-104

Tot Ion:106 Resp: 6009

Ion Ratio Lower Upper

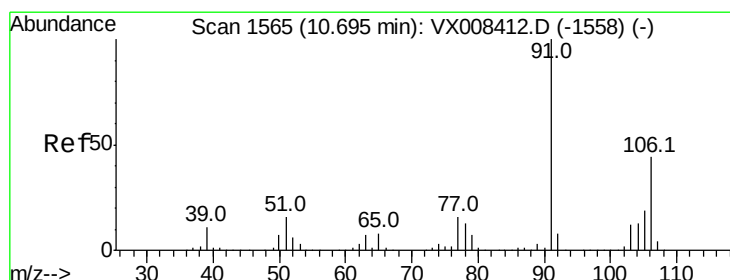
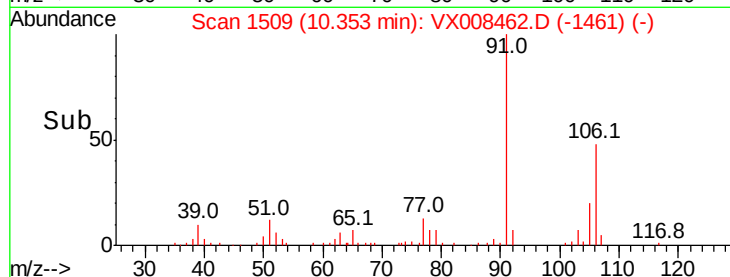
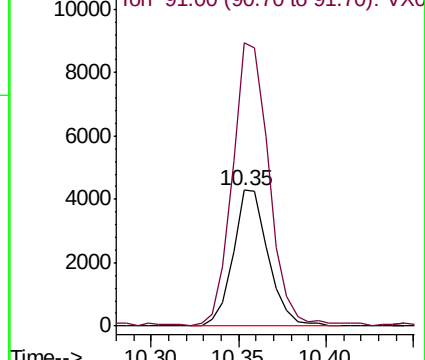
106 100

91 217.3 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.579 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX008462.D

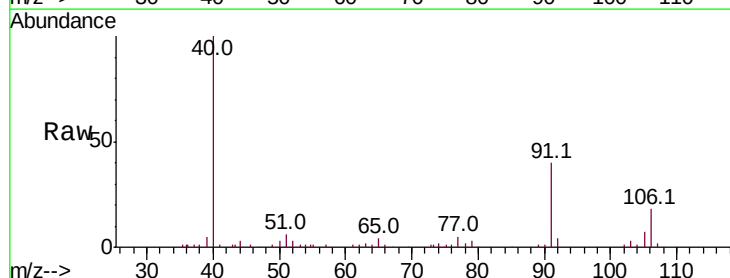
Acq: 26 Mar 2019 18:21

Tgt Ion:106 Resp: 2951

Ion Ratio Lower Upper

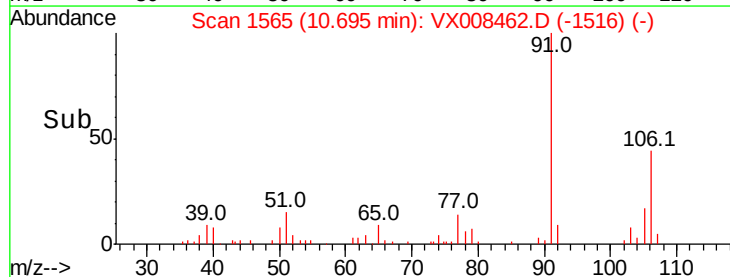
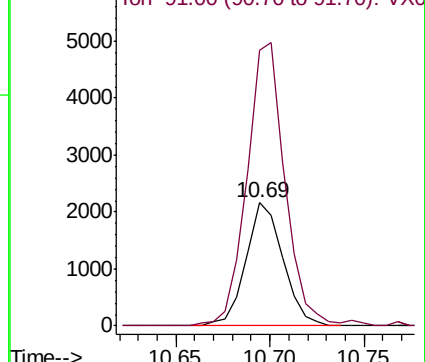
106 100

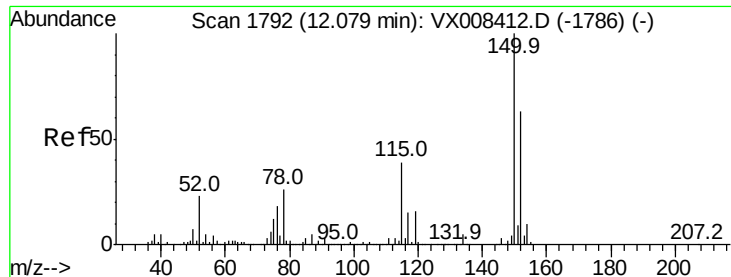
91 237.0 111.4 334.2



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: VX008462.D

Acq: 26 Mar 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-104

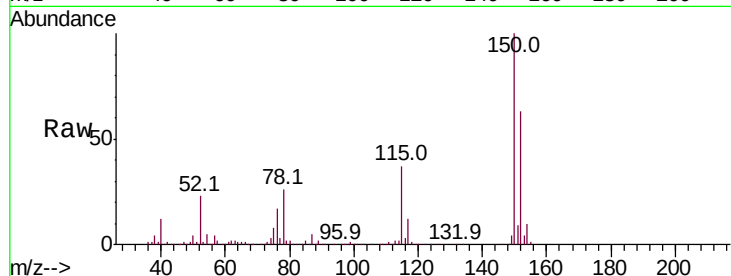
Tot Ion:152 Resp: 148564

Ion Ratio Lower Upper

152 100

115 61.5 43.5 130.5

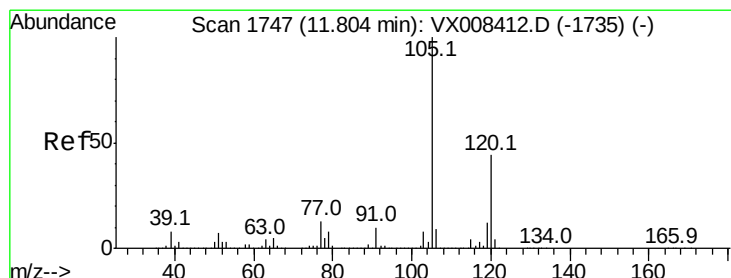
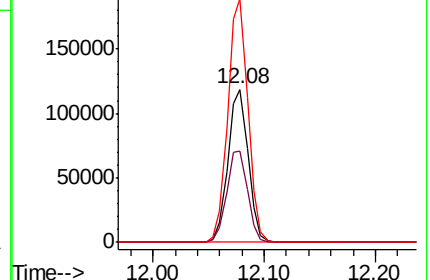
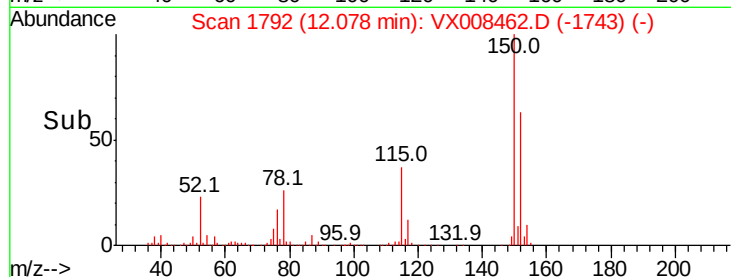
150 158.5 0.0 348.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.499 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008462.D

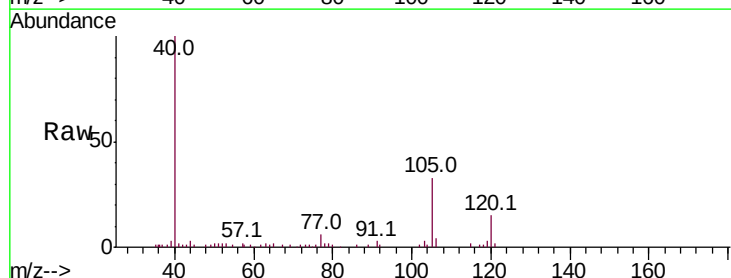
Acq: 26 Mar 2019 18:21

Tgt Ion:105 Resp: 5158

Ion Ratio Lower Upper

105 100

120 42.4 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

