

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080118\
 Data File : VU025765.D
 Acq On : 01 Aug 2018 10:34
 Operator : MD/SY
 Sample : J4109-05ME
 Misc : 7.42g/5.0mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-11(3-5)ME

Quant Time: Aug 03 16:38:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

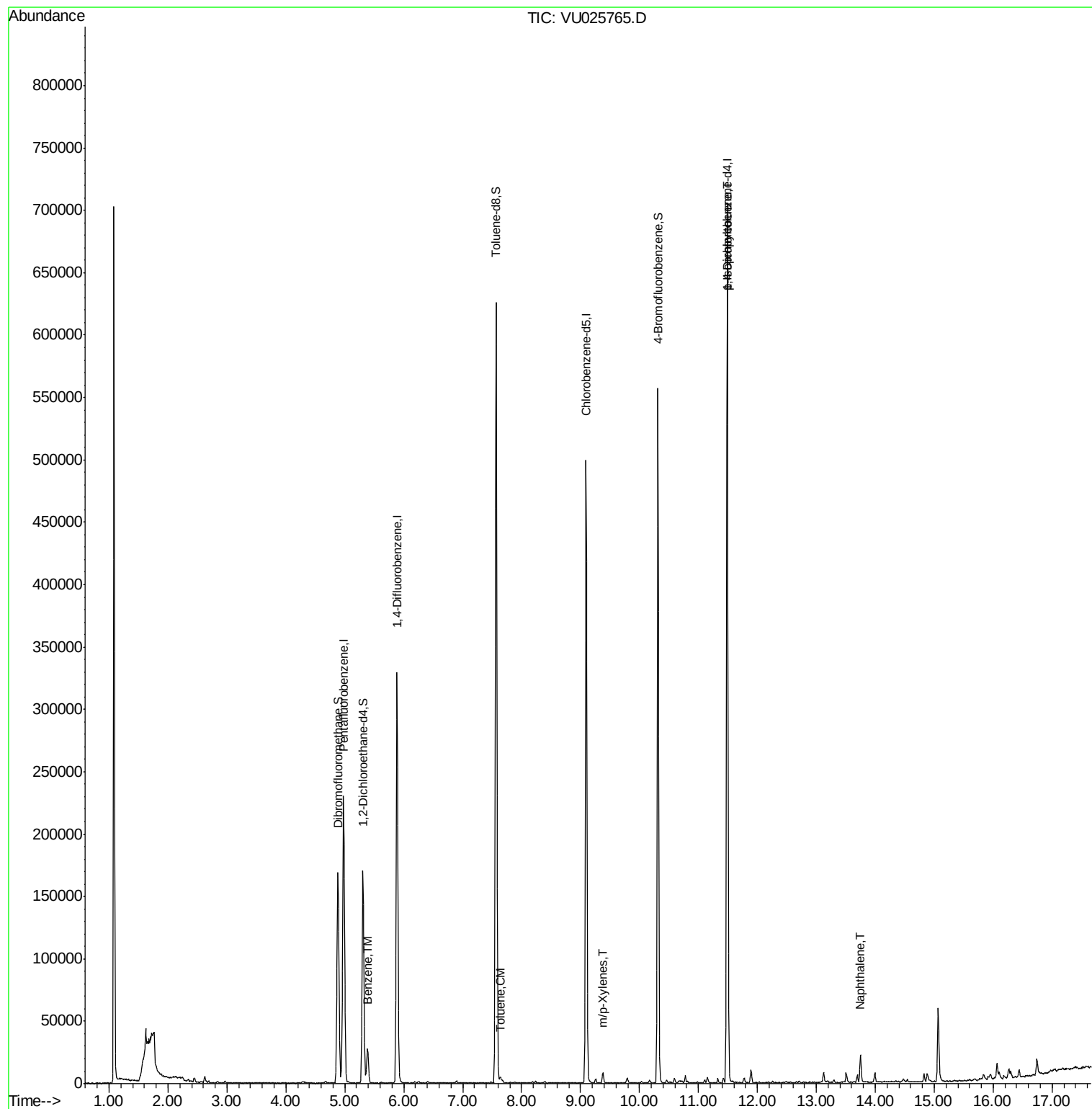
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	178365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	285634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	183302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	139700	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	4.88	113	117429	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	7.57	98	421154	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	10.31	95	174741	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
40) Benzene	5.38	78	27621	2.83	ug/l	99
52) Toluene	7.63	92	1863	0.31	ug/l	92
68) m/p-Xylenes	9.38	106	2785	0.60	ug/l	96
86) p-Isopropyltoluene	11.48	119	3718	0.32	ug/l	86
95) Naphthalene	13.75	128	19094	2.62	ug/l	99

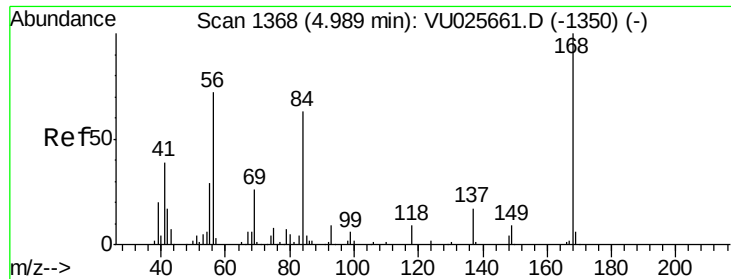
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-11(3-5)ME

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Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

Instrument :

MSVOA_U

ClientSampleId :

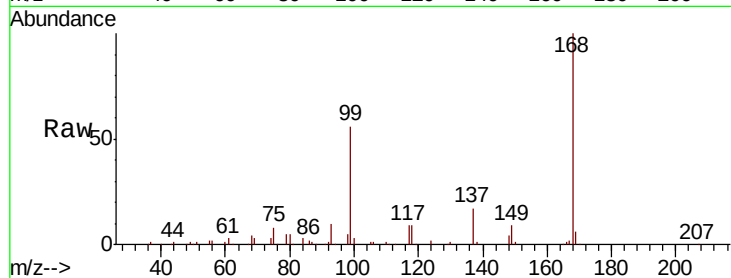
SB-11(3-5)ME

Tot Ion:168 Resp: 178365

Ion Ratio Lower Upper

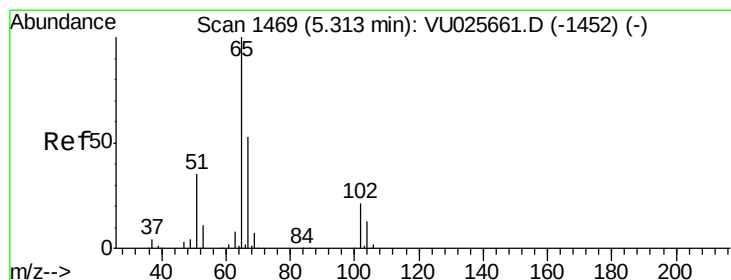
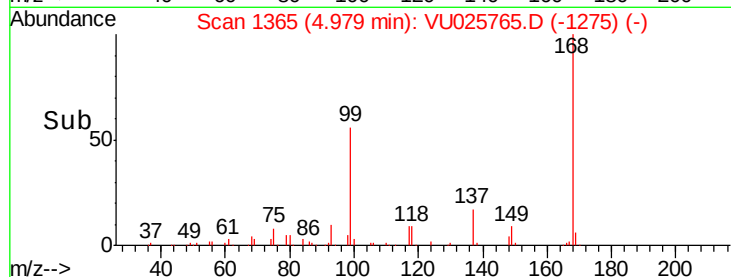
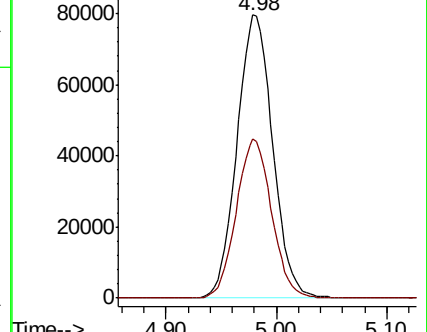
168 100

99 56.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.27 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025765.D

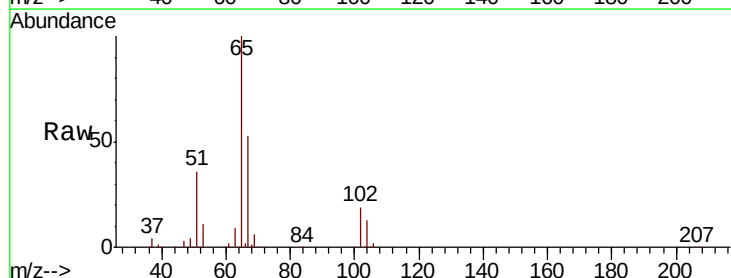
Acq: 01 Aug 2018 10:34

Tgt Ion: 65 Resp: 139700

Ion Ratio Lower Upper

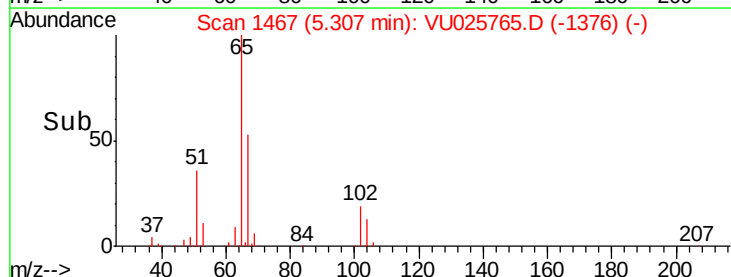
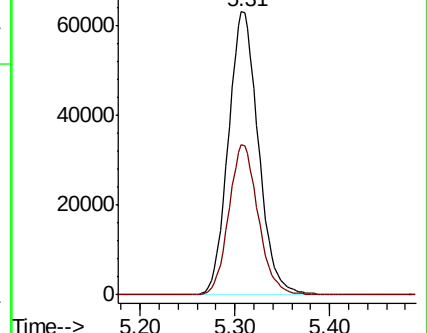
65 100

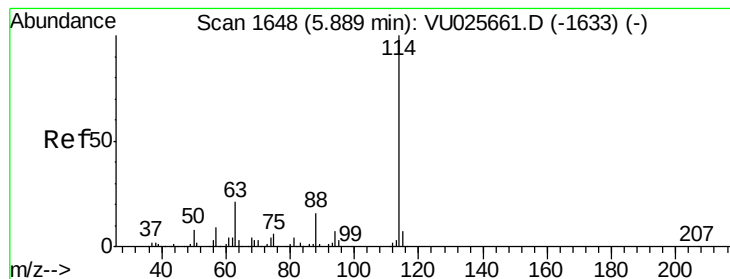
67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.00 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

Instrument :

MSVOA_U

ClientSampleId :

SB-11(3-5)ME

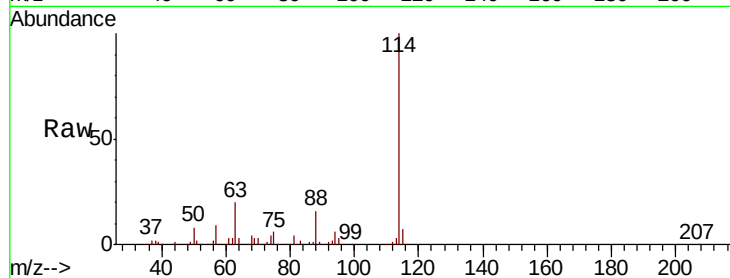
Tot Ion:114 Resp: 285634

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

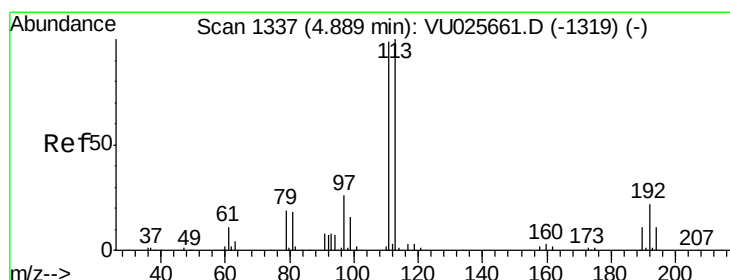
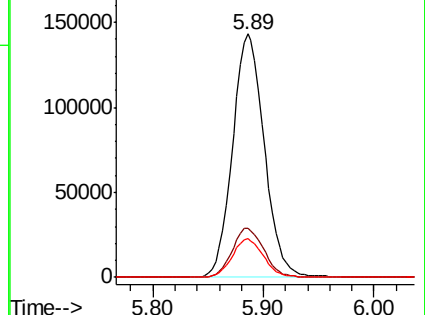
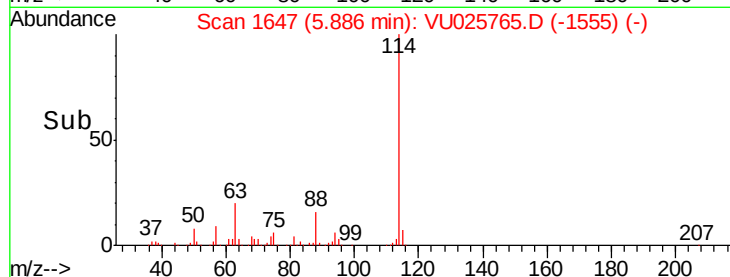
88 15.8 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.27 ug/l

RT: 4.88 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

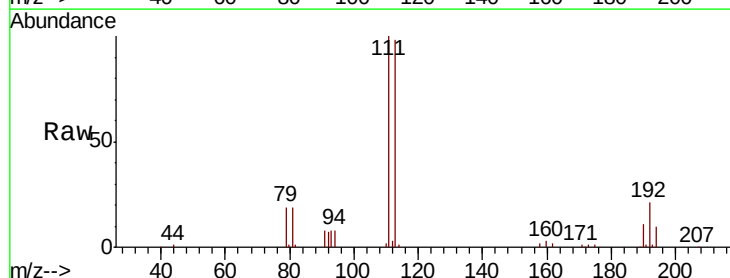
Tgt Ion:113 Resp: 117429

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

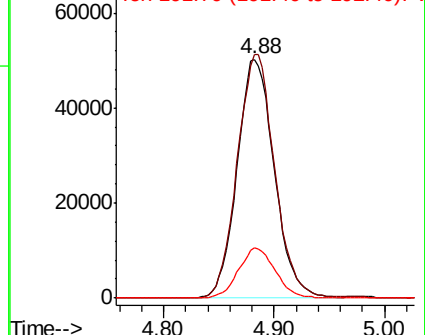
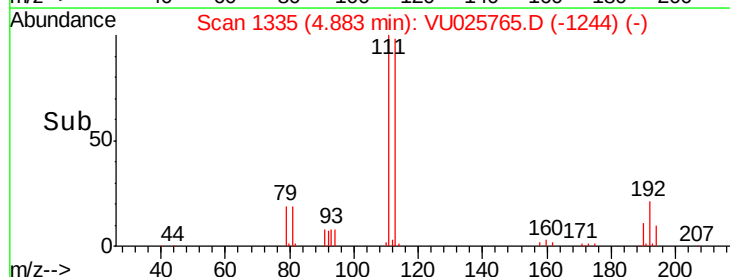
192 20.8 17.1 25.7

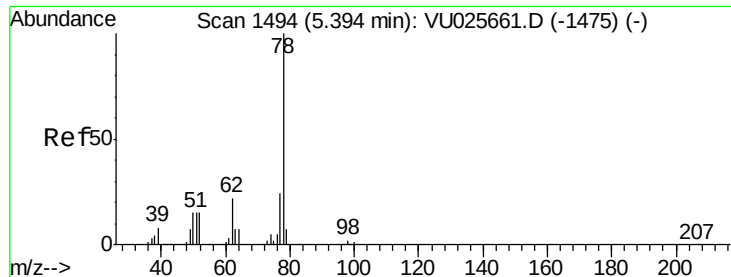


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.83 ug/l

RT: 5.38 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

Instrument :

MSVOA_U

ClientSampleId :

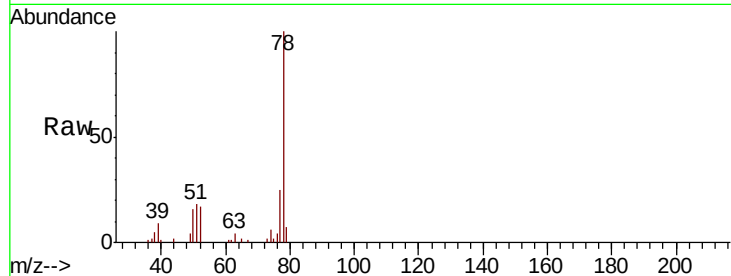
SB-11(3-5)ME

Tot Ion: 78 Resp: 27621

Ion Ratio Lower Upper

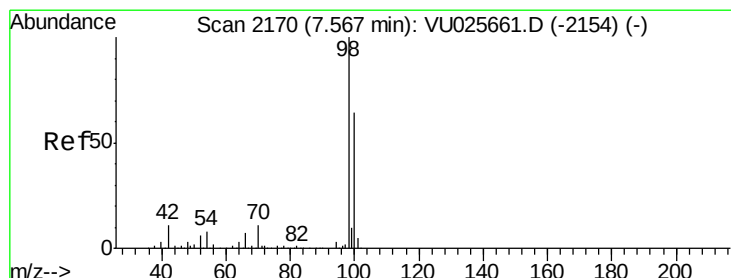
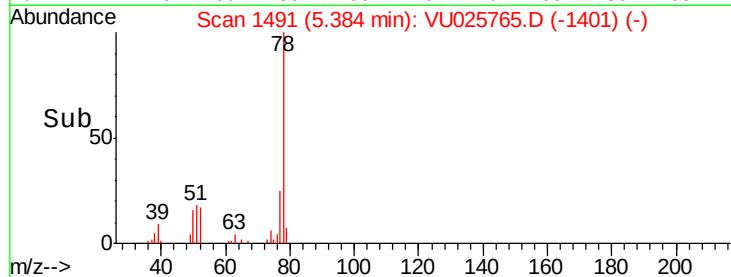
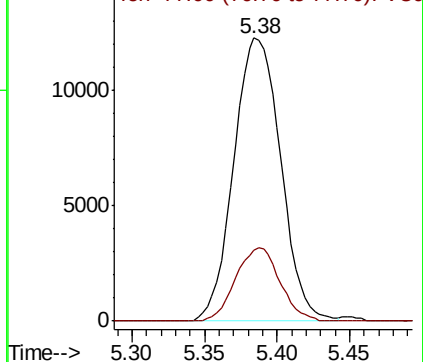
78 100

77 25.1 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 48.45 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025765.D

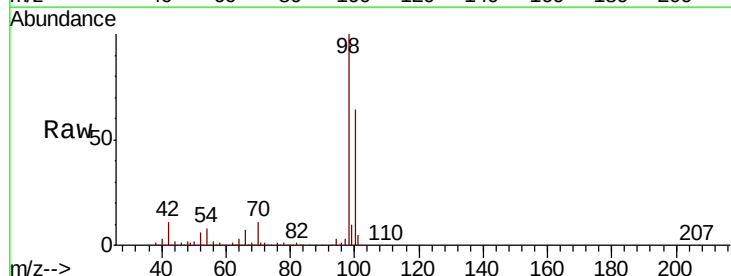
Acq: 01 Aug 2018 10:34

Tgt Ion: 98 Resp: 421154

Ion Ratio Lower Upper

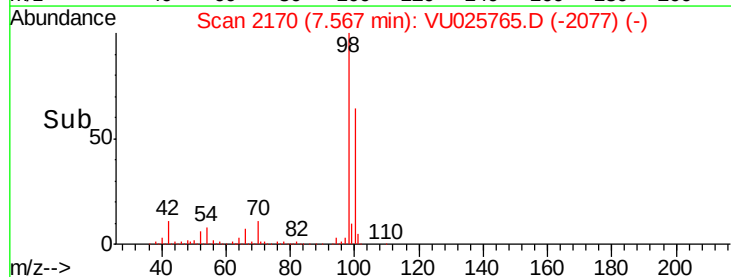
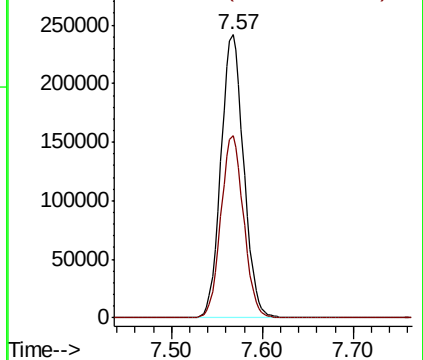
98 100

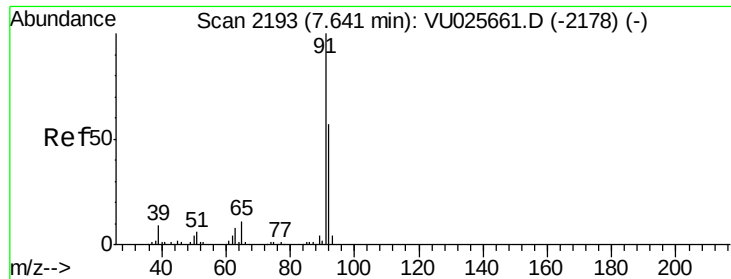
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 0.31 ug/l

RT: 7.63 min Scan# 2191

Delta R.T. -0.01 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

Instrument :

MSVOA_U

ClientSampleId :

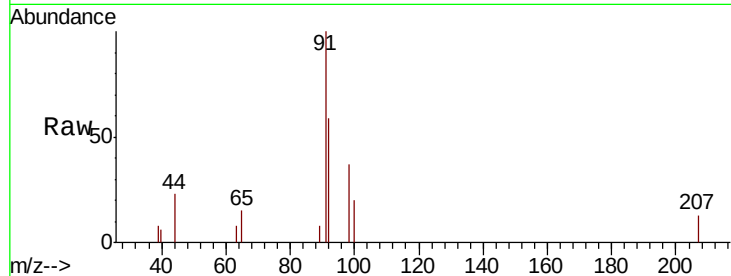
SB-11(3-5)ME

Tot Ion: 92 Resp: 1863

Ion Ratio Lower Upper

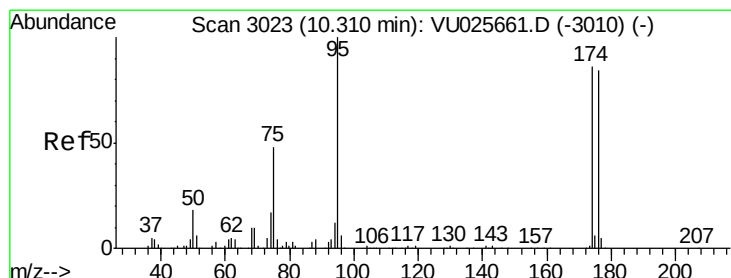
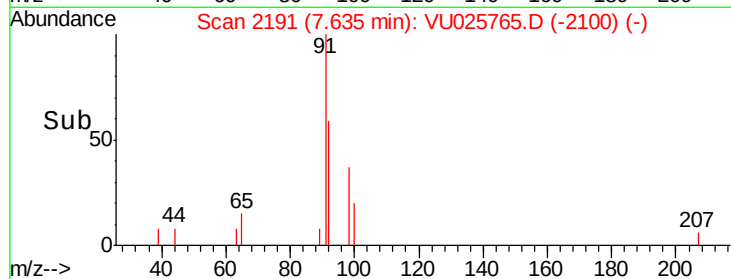
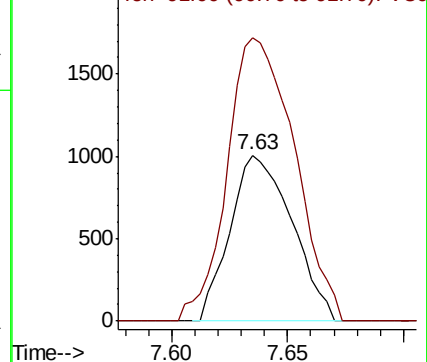
92 100

91 185.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 51.79 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

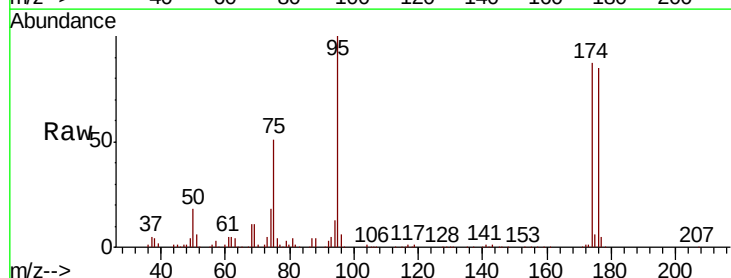
Tgt Ion: 95 Resp: 174741

Ion Ratio Lower Upper

95 100

174 87.8 0.0 172.2

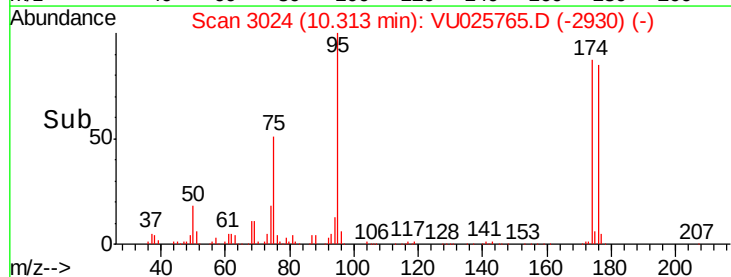
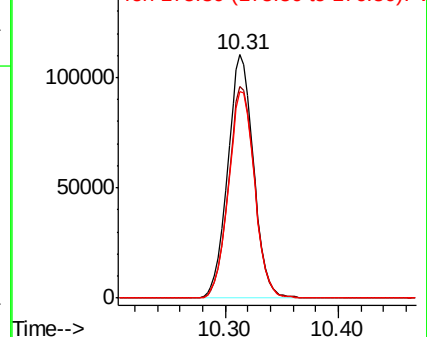
176 86.1 0.0 162.6

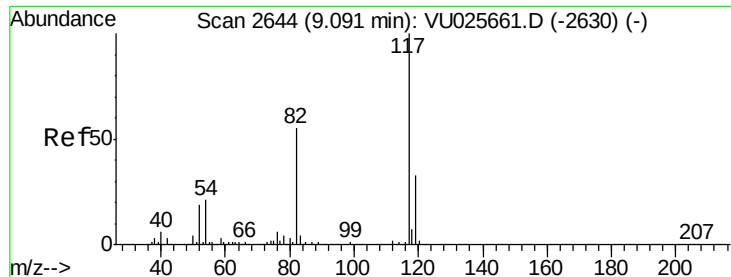


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

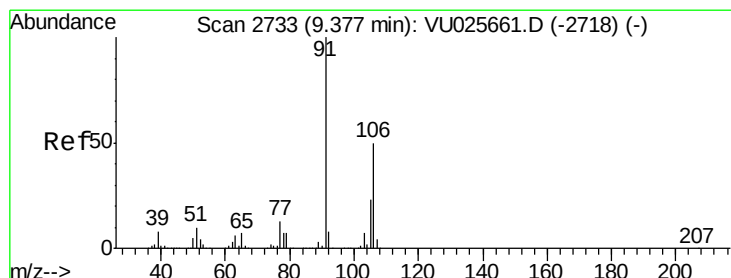
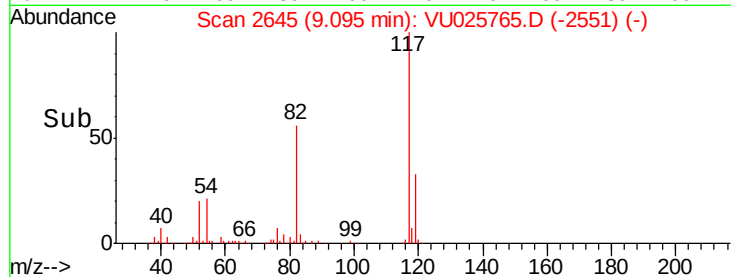
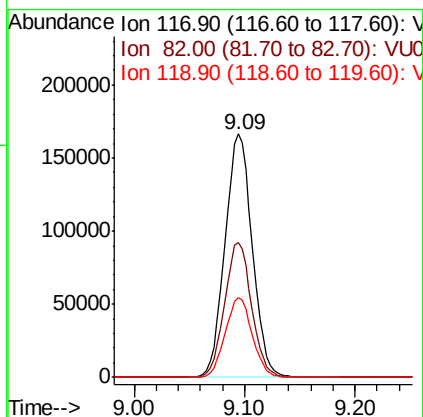
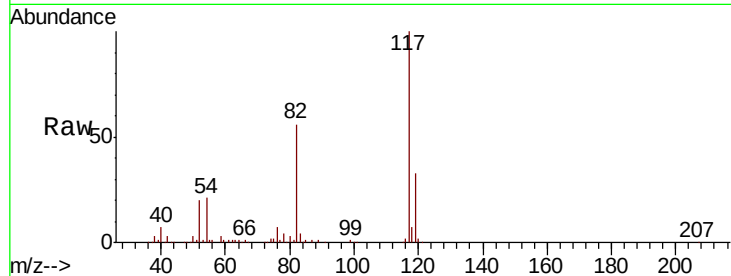




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025765.D
Acq: 01 Aug 2018 10:34

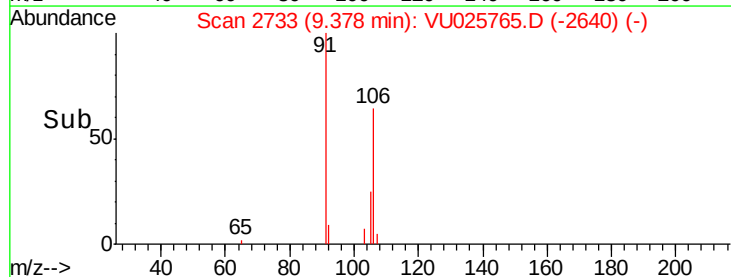
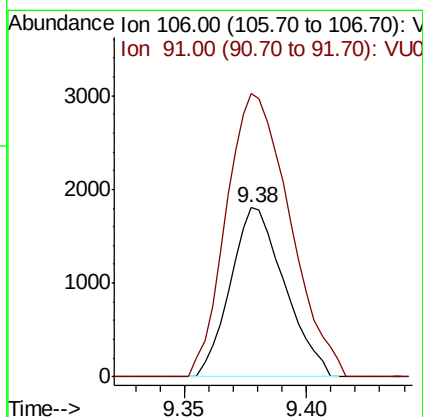
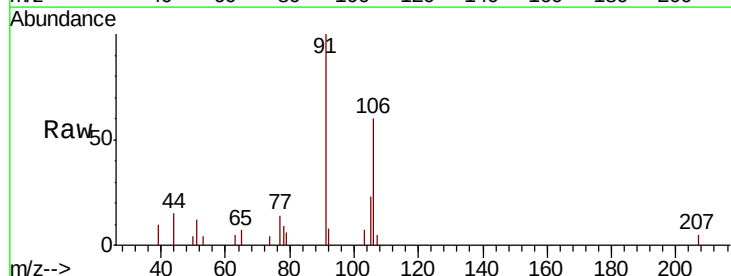
Instrument :
MSVOA_U
ClientSampleId :
SB-11(3-5)ME

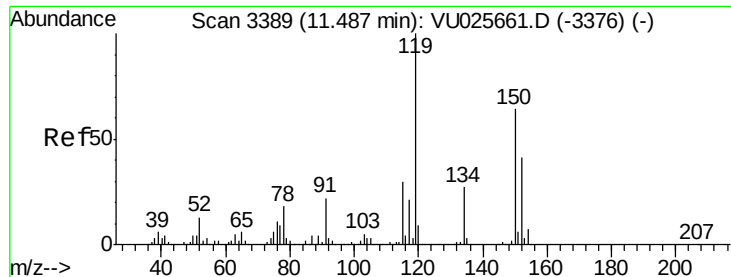
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.0	69.0
119	32.7	26.0	39.0



#68
m/p-Xylenes
Concen: 0.60 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025765.D
Acq: 01 Aug 2018 10:34

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.4	162.3	243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

Instrument :

MSVOA_U

ClientSampleId :

SB-11(3-5)ME

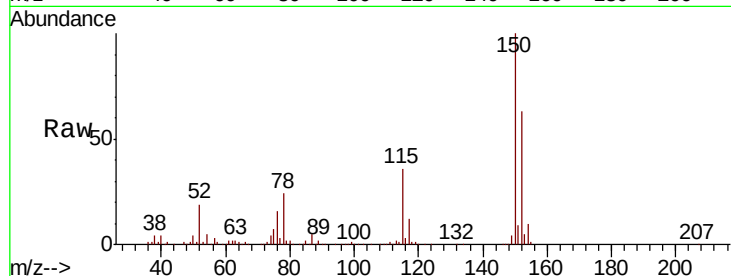
Tot Ion:152 Resp: 183302

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

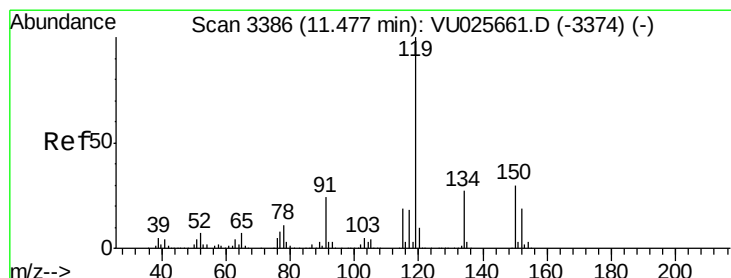
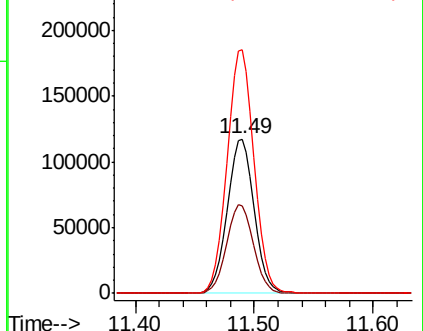
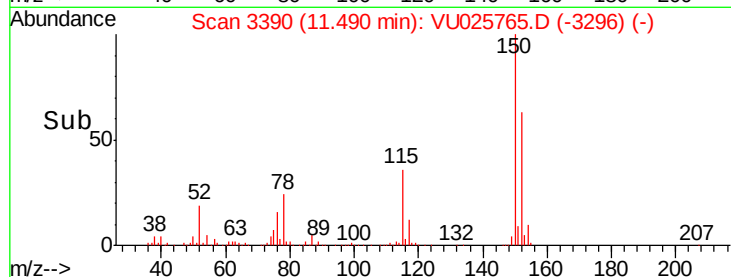
150 158.4 0.0 351.4



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



#86

p-Isopropyltoluene

Concen: 0.32 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

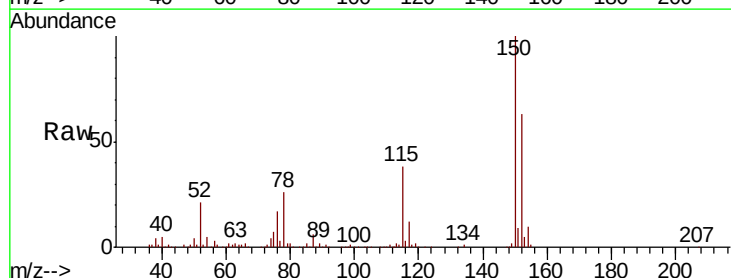
Tgt Ion:119 Resp: 3718

Ion Ratio Lower Upper

119 100

134 30.4 13.2 39.5

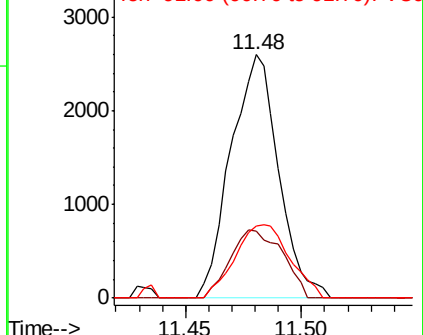
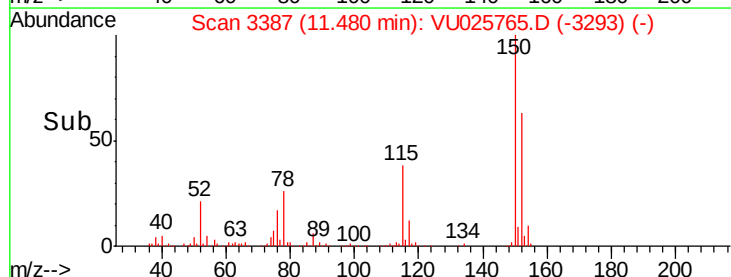
91 34.3 12.0 36.1

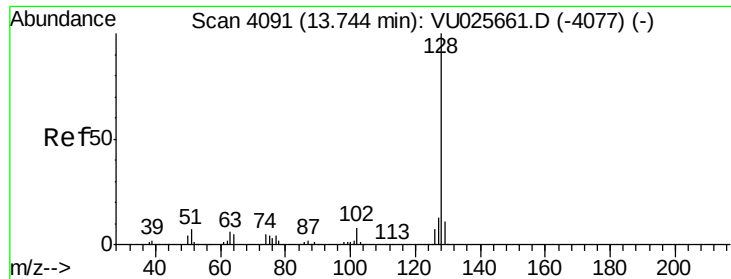


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#95

Naphthalene

Concen: 2.62 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025765.D

Acq: 01 Aug 2018 10:34

Instrument :

MSVOA_U

ClientSampleId :

SB-11(3-5)ME

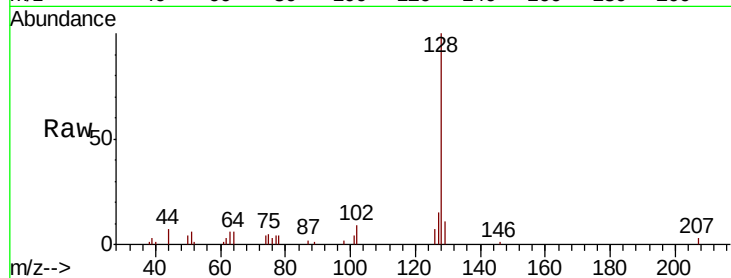
Tot Ion:128 Resp: 19094

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.0 8.3 12.5



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

