

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004754.D
 Acq On : 18 Aug 2018 00:56
 Operator : SY/AP
 Sample : J4460-11
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081018-FL-011

Quant Time: Aug 18 05:35:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	540231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	913740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	786989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	303215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	301363	57.70	ug/l	0.00
Spiked Amount			Recovery	=	115.40%	
35) Dibromofluoromethane	7.88	113	291059	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.33	98	983782	43.15	ug/l	0.00
Spiked Amount			Recovery	=	86.30%	
62) 4-Bromofluorobenzene	12.62	95	279732	34.11	ug/l	0.00
Spiked Amount			Recovery	=	68.22%	

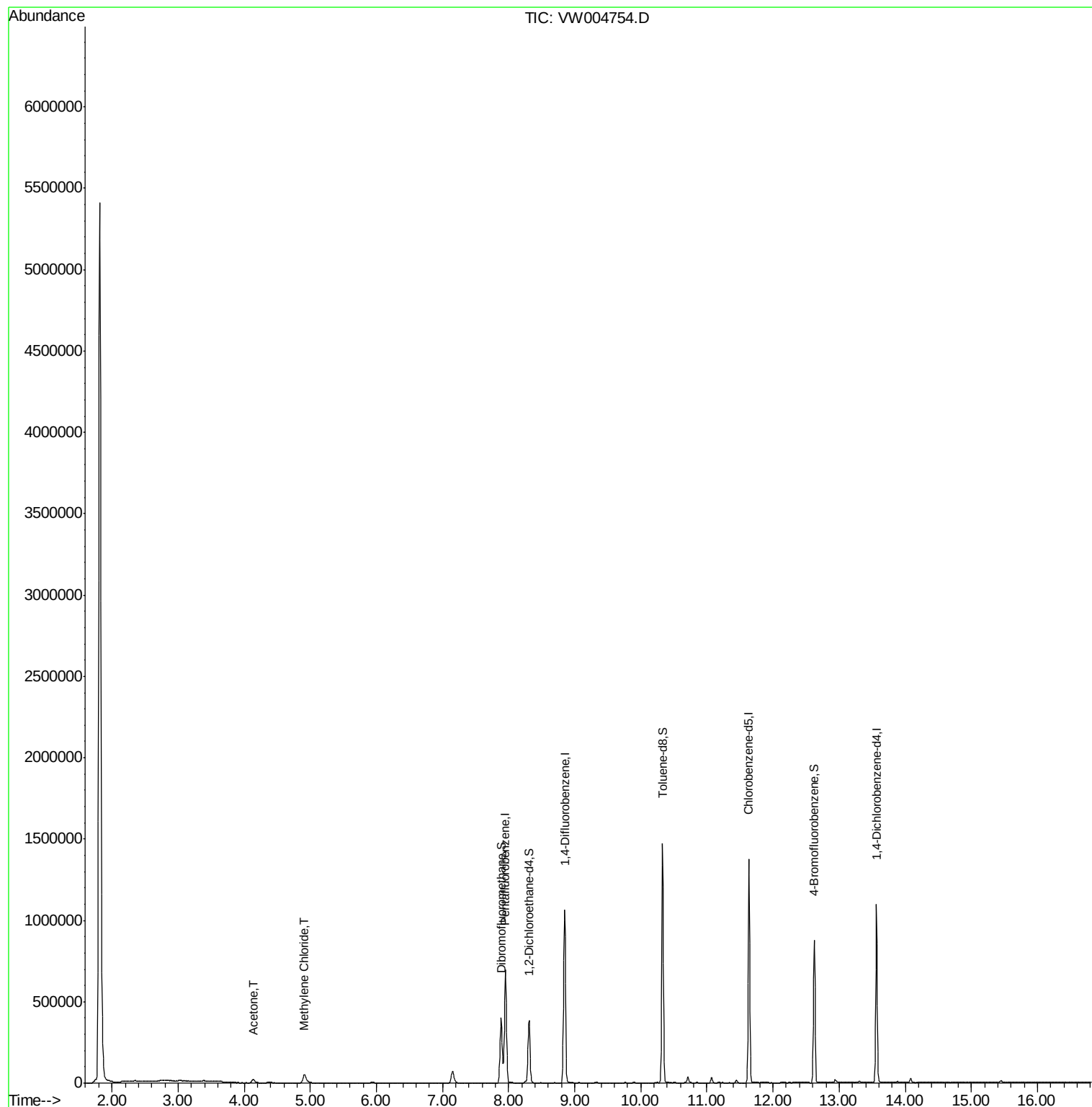
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	41035	30.78	ug/l	99
20) Methylene Chloride	4.92	84	47211	3.76	ug/l	96

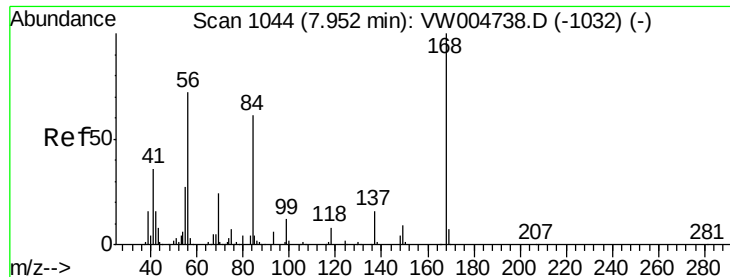
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004754.D

Acq: 18 Aug 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

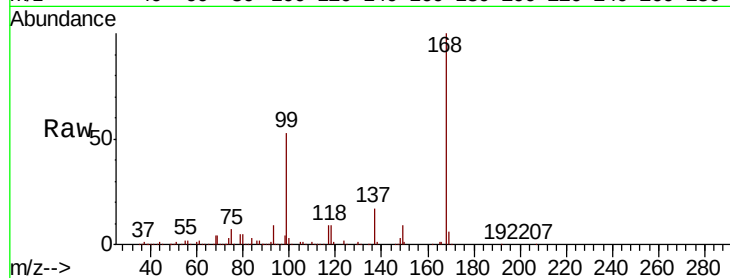
RA-081018-FL-011

Tot Ion:168 Resp: 540231

Ion Ratio Lower Upper

168 100

99 53.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

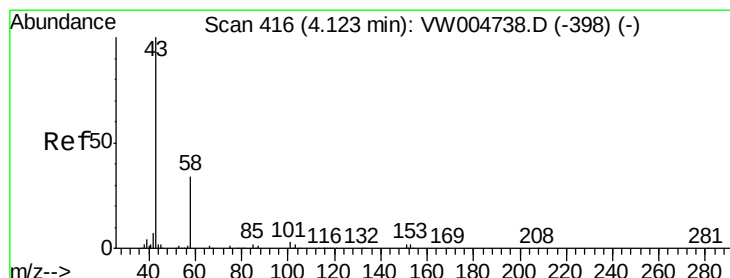
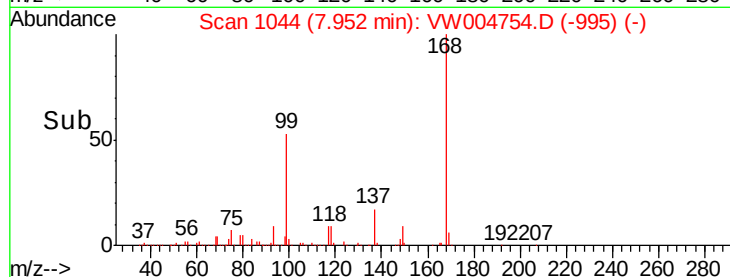
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 30.78 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004754.D

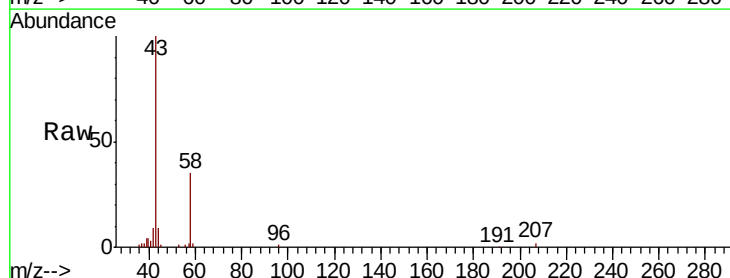
Acq: 18 Aug 2018 00:56

Tgt Ion: 43 Resp: 41035

Ion Ratio Lower Upper

43 100

58 34.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

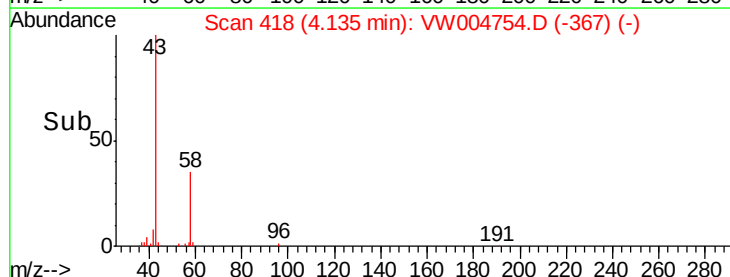
15000

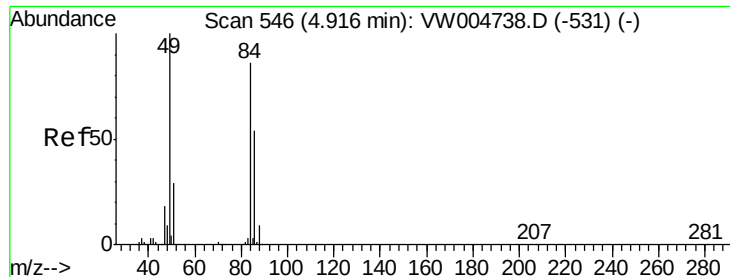
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 3.76 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004754.D

Acq: 18 Aug 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

RA-081018-FL-011

Tot Ion: 84 Resp: 47211

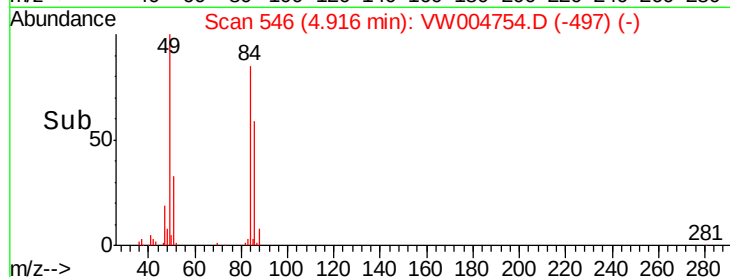
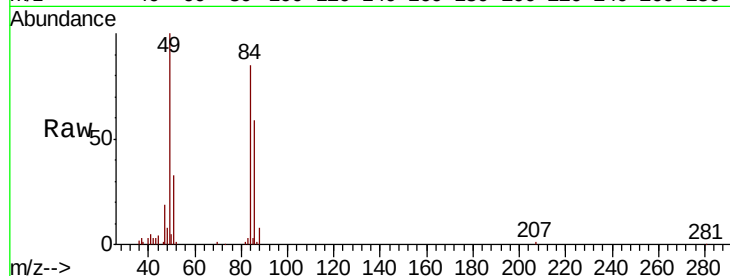
Ion Ratio Lower Upper

84 100

49 117.4 93.2 139.8

51 38.3 27.4 41.0

86 69.3 50.6 75.8

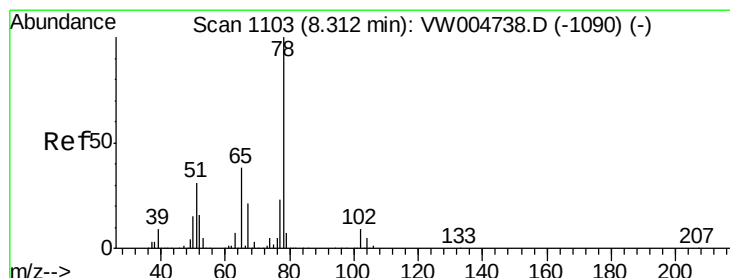
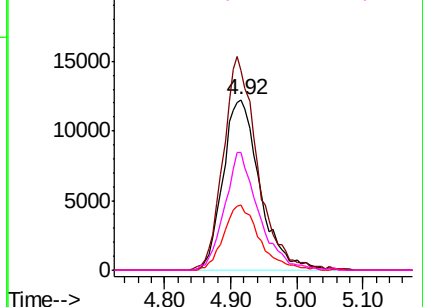


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.70 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004754.D

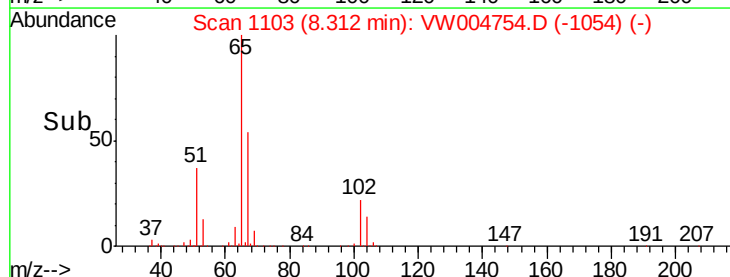
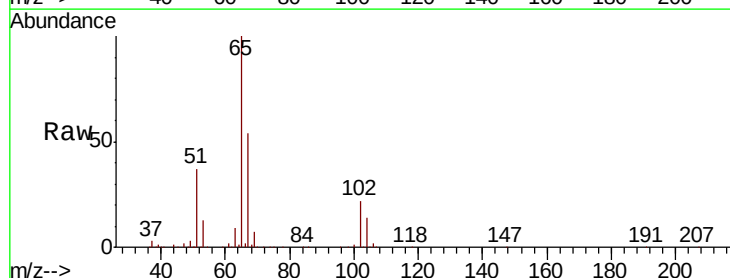
Acq: 18 Aug 2018 00:56

Tgt Ion: 65 Resp: 301363

Ion Ratio Lower Upper

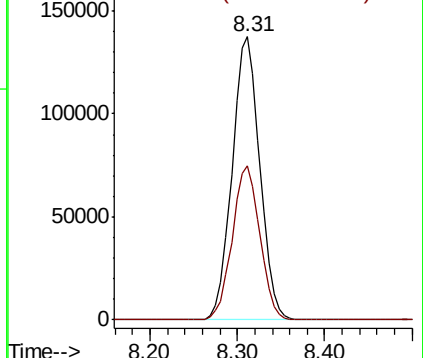
65 100

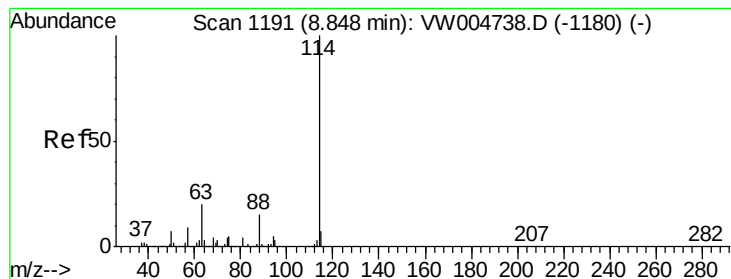
67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004754.D

Acq: 18 Aug 2018 00:56

Instrument :

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ClientSampleId :

RA-081018-FL-011

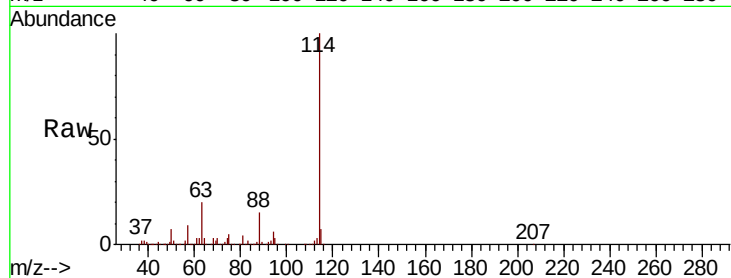
Tot Ion:114 Resp: 913740

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

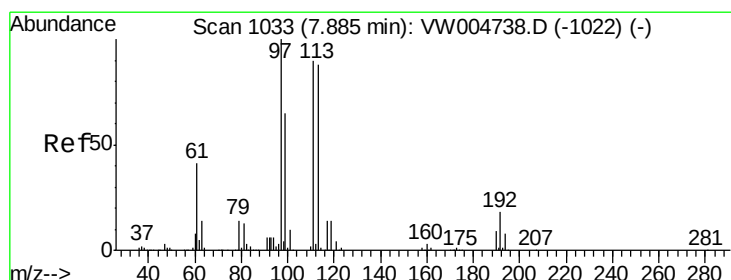
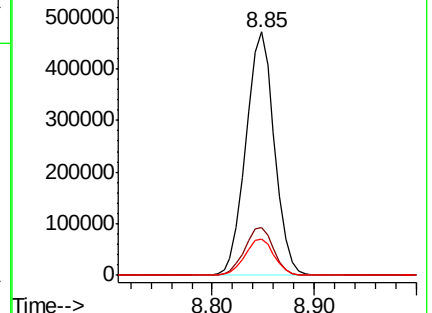
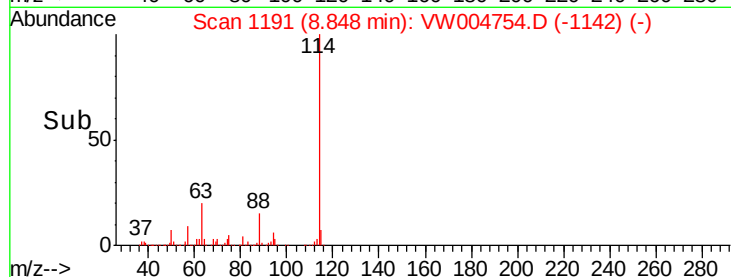
88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.84 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004754.D

Acq: 18 Aug 2018 00:56

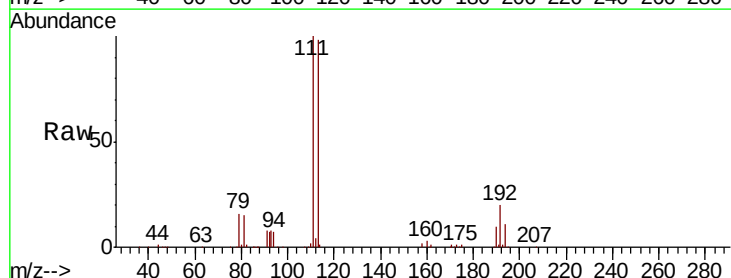
Tgt Ion:113 Resp: 291059

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

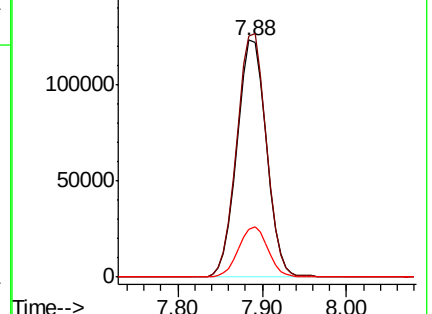
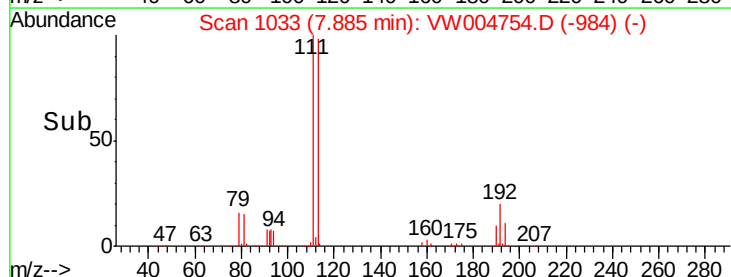
192 21.1 16.7 25.1

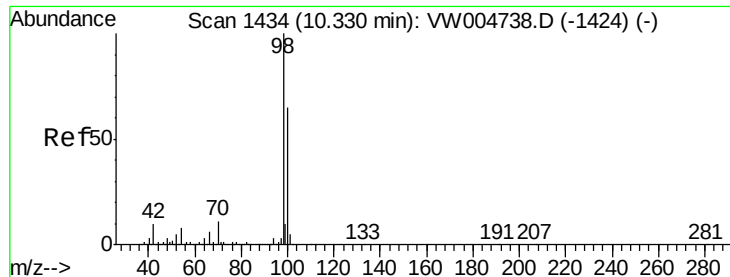


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.15 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004754.D

Acq: 18 Aug 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

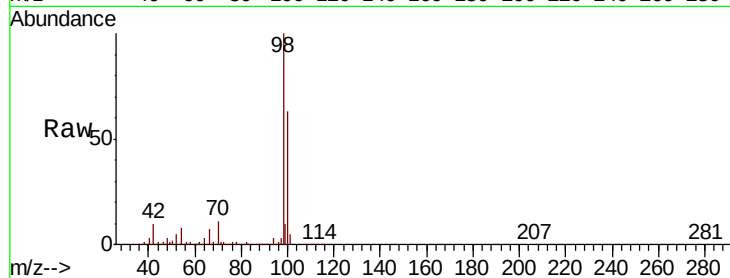
RA-081018-FL-011

Tot Ion: 98 Resp: 983782

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

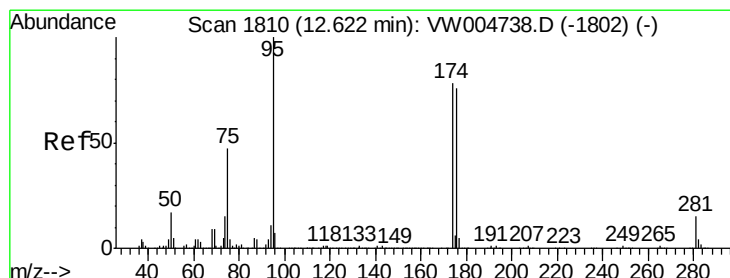
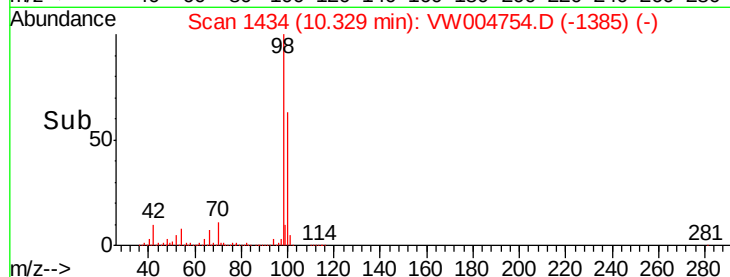
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.11 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004754.D

Acq: 18 Aug 2018 00:56

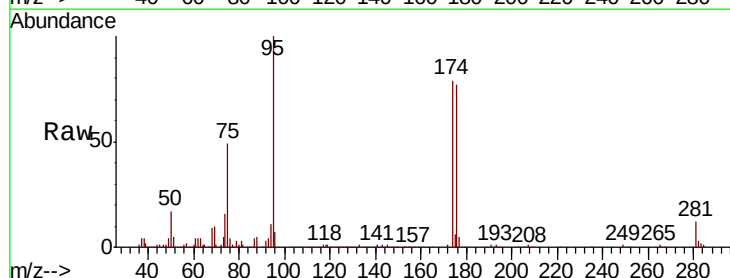
Tgt Ion: 95 Resp: 279732

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

176 80.6 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

200000

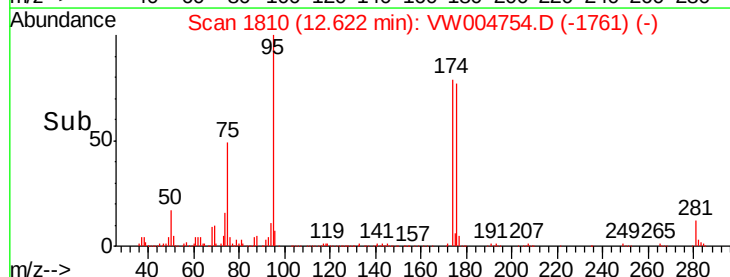
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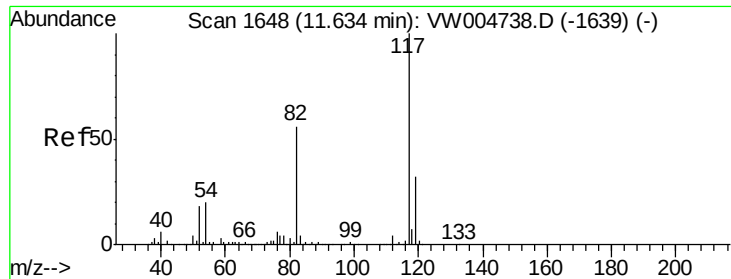
100000

50000

0

Time-->

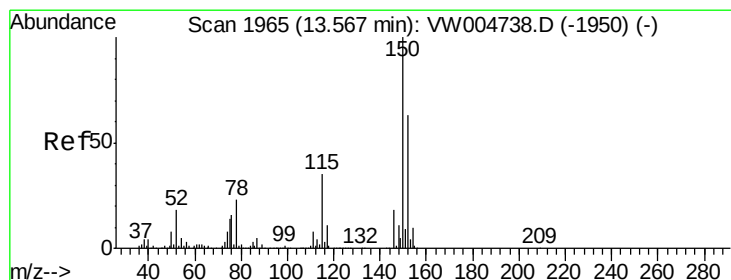
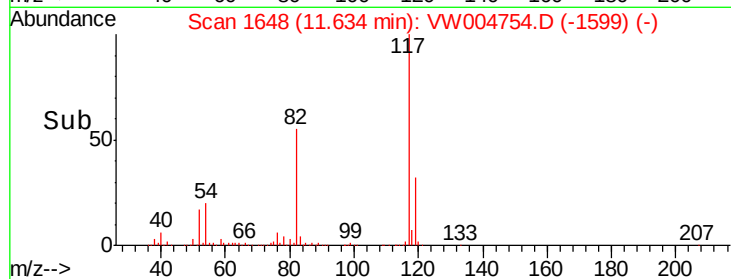
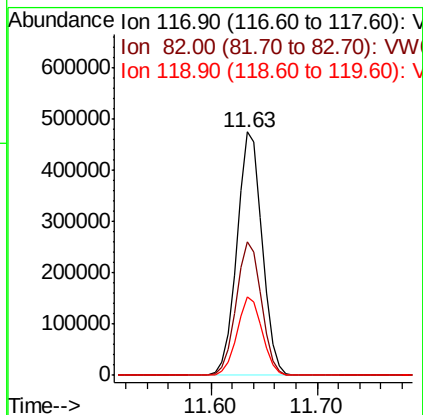
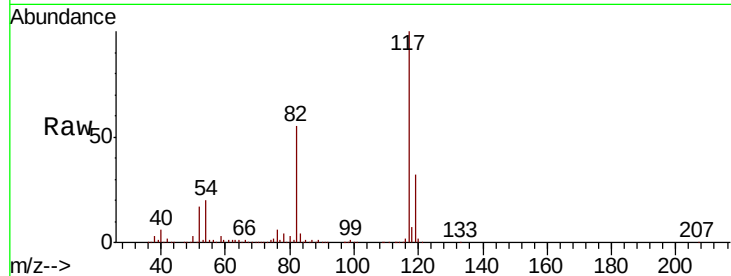




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004754.D
Acq: 18 Aug 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
RA-081018-FL-011

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.6	67.0
119	32.3	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004754.D
Acq: 18 Aug 2018 00:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.5	85.5
150	156.8	0.0	344.8

