

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004598.D
 Acq On : 10 Aug 2018 15:40
 Operator : SY/AP
 Sample : J4382-02
 Misc : 17.74G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

Quant Time: Aug 11 02:27:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

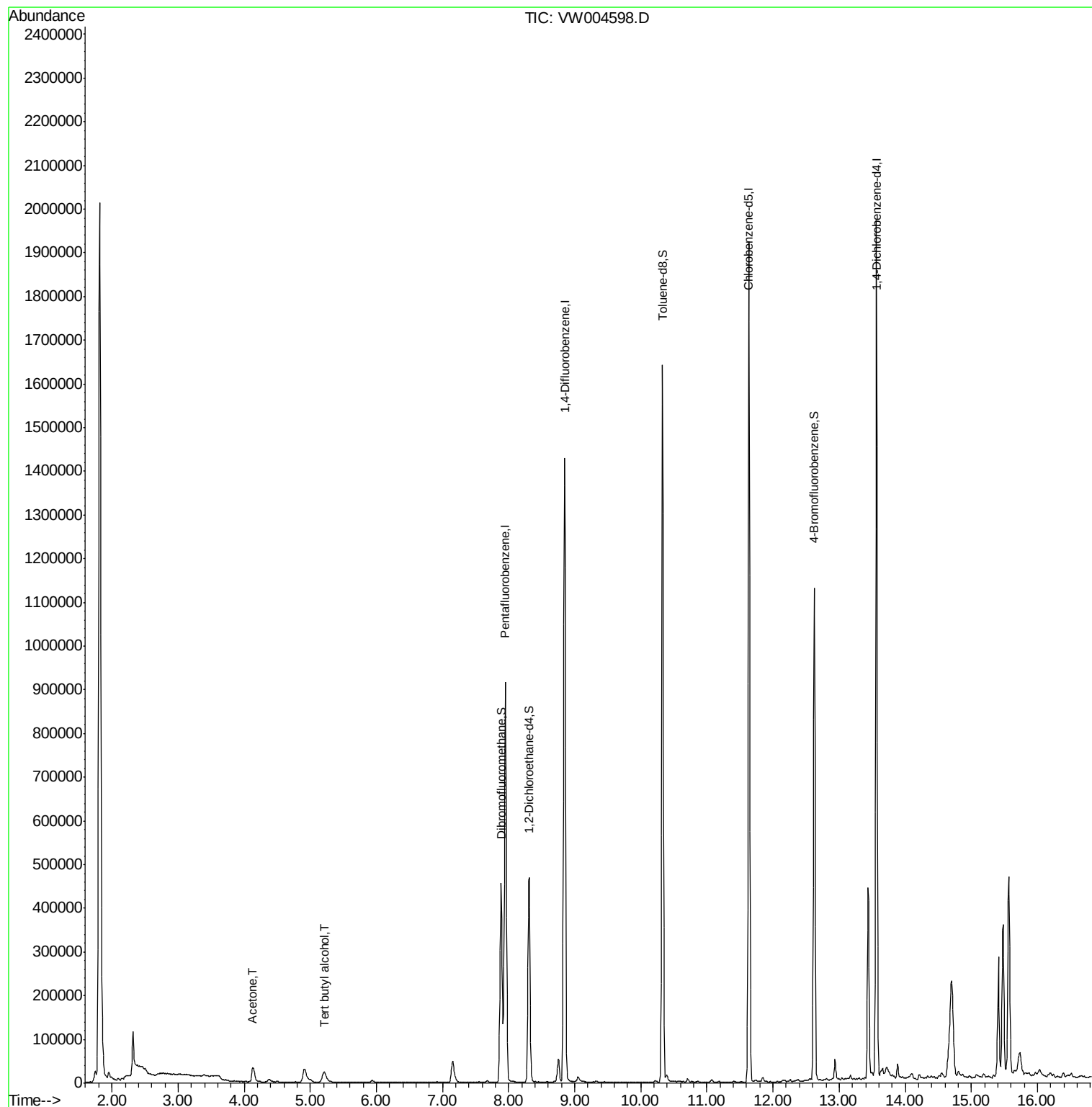
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	689344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1198899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1079097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	518623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	368033	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.88	113	329310	41.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.40%	
50) Toluene-d8	10.33	98	1089402	35.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.50%	
62) 4-Bromofluorobenzene	12.62	95	374212	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	
Target Compounds						
11) Tert butyl alcohol	5.21	59	46470	104.01	ug/l	# 83
16) Acetone	4.13	43	61636	32.34	ug/l	94

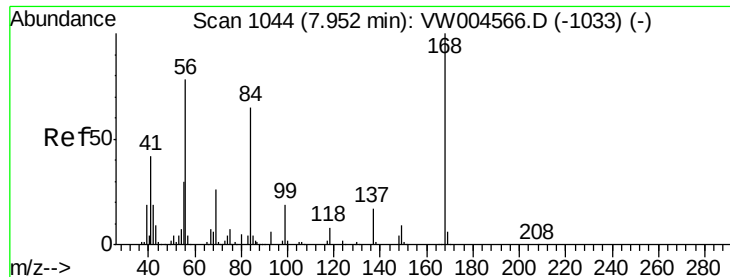
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

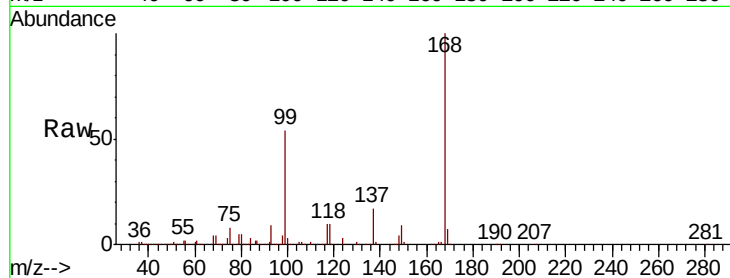
JTY-SB-04-5-7

Tot Ion:168 Resp: 689344

Ion Ratio Lower Upper

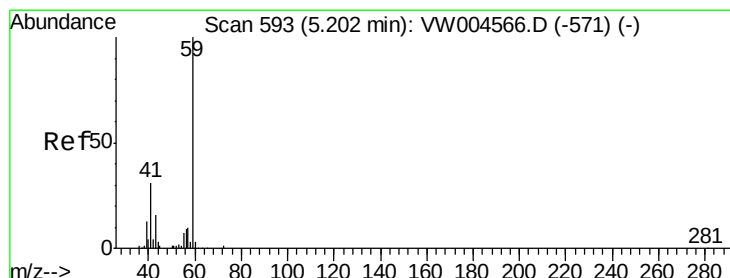
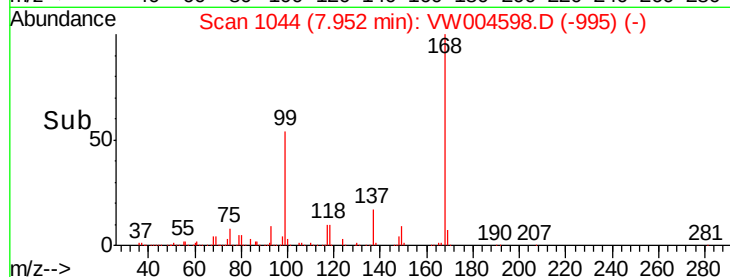
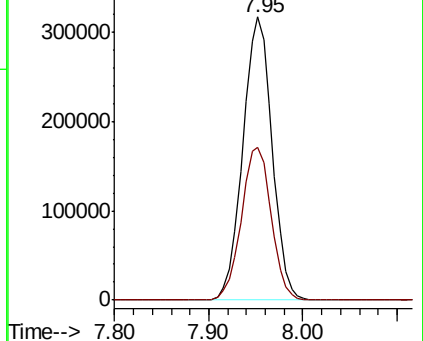
168 100

99 54.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 104.01 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004598.D

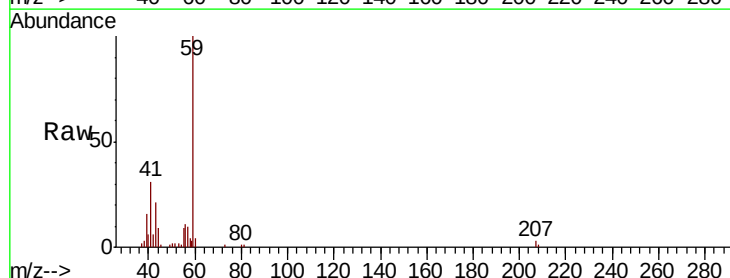
Acq: 10 Aug 2018 15:40

Tgt Ion: 59 Resp: 46470

Ion Ratio Lower Upper

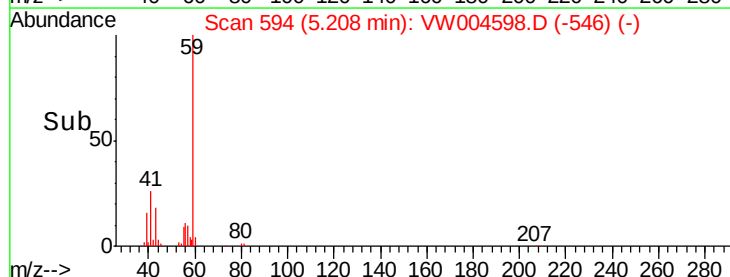
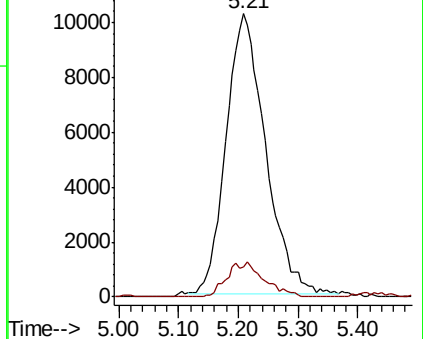
59 100

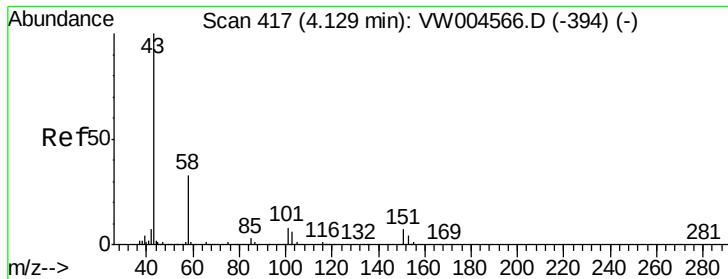
57 4.7 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

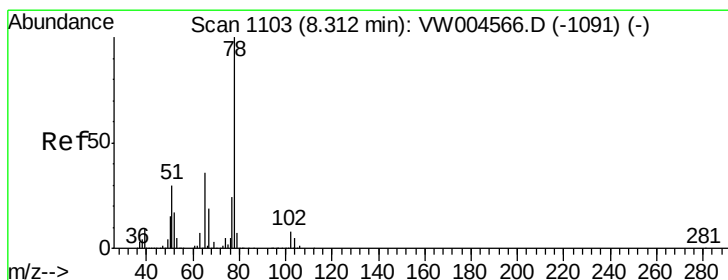
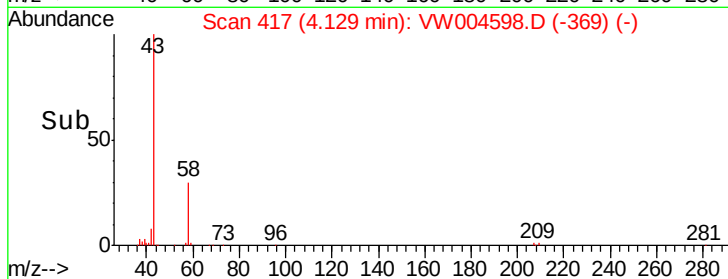
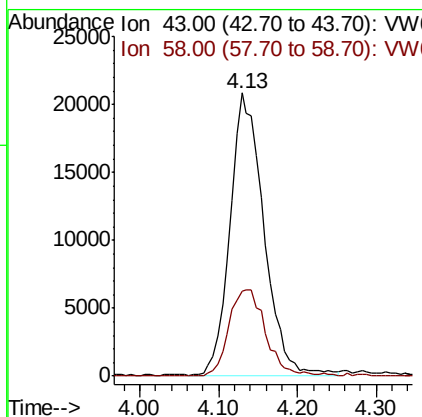
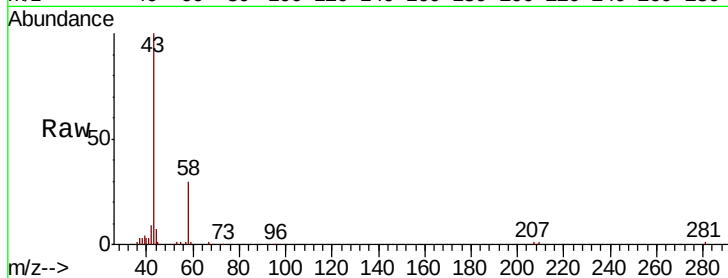




#16
Acetone
Concen: 32.34 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

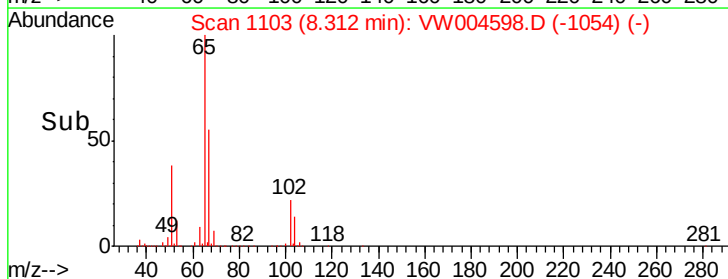
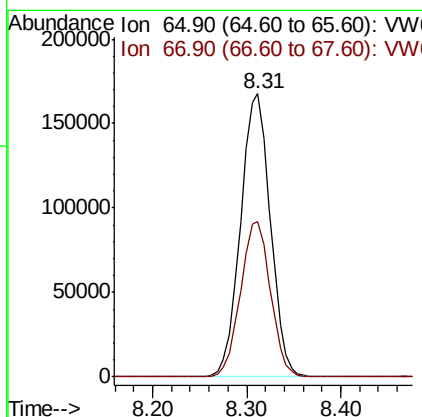
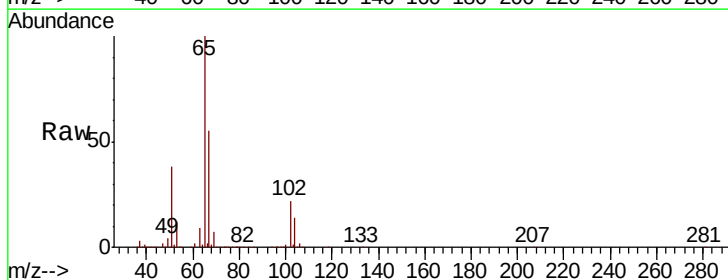
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-04-5-7

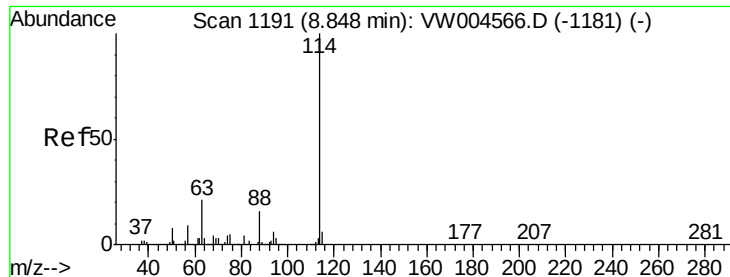
Tot Ion: 43 Resp: 61636
Ion Ratio Lower Upper
43 100
58 29.9 26.8 40.2



#33
1,2-Dichloroethane-d4
Concen: 48.23 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

Tgt Ion: 65 Resp: 368033
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

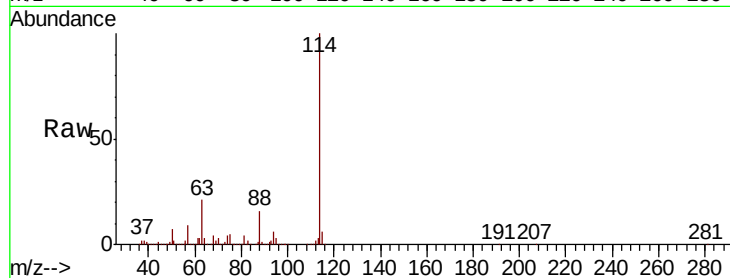
Tot Ion:114 Resp: 1198899

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

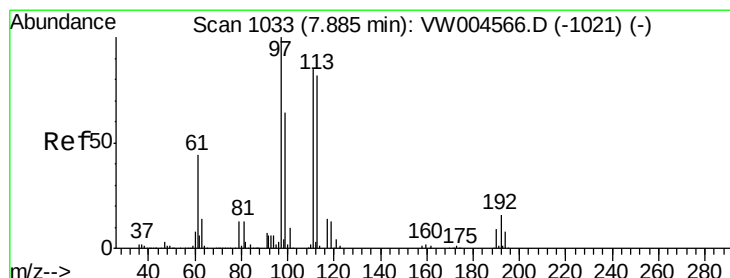
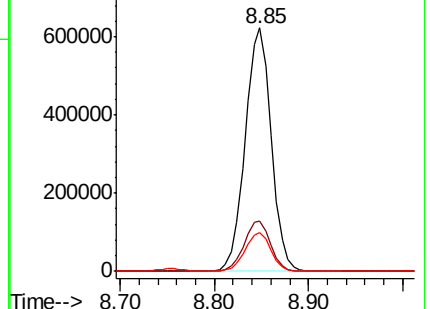
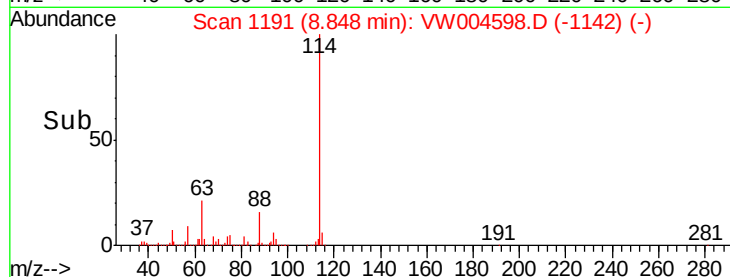
88 16.0 0.0 31.2



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: 41.20 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

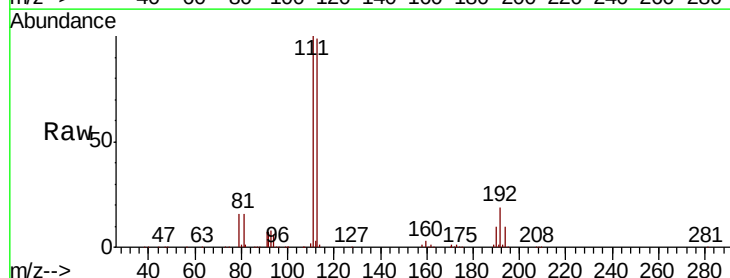
Tgt Ion:113 Resp: 329310

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

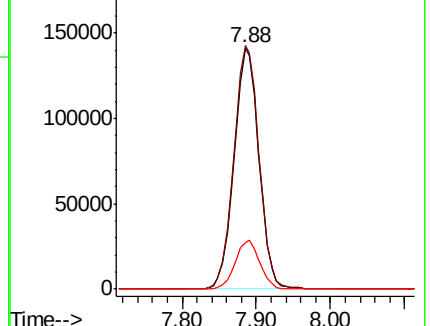
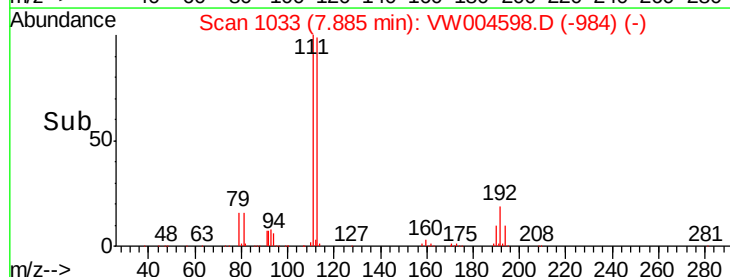
192 20.0 15.8 23.6

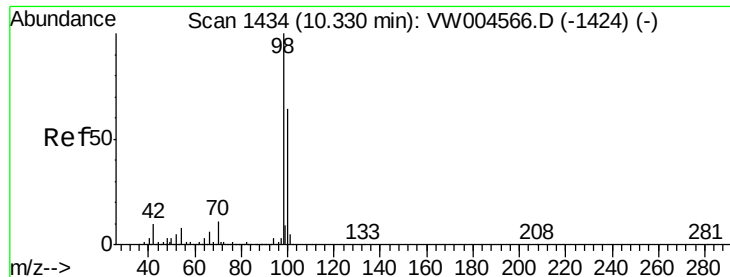


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 35.75 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

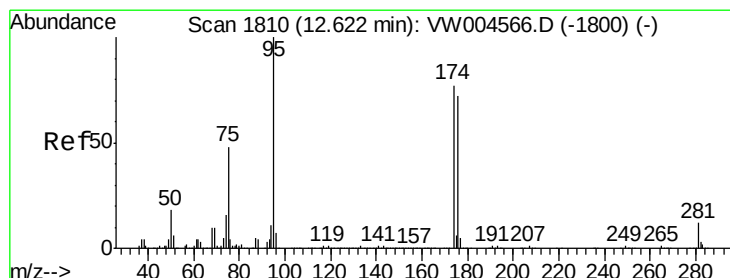
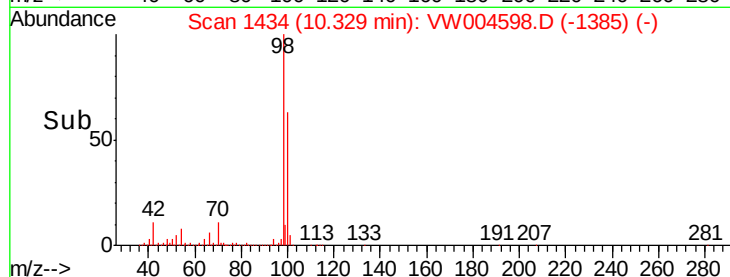
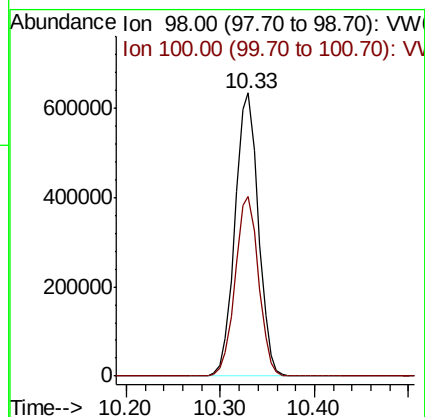
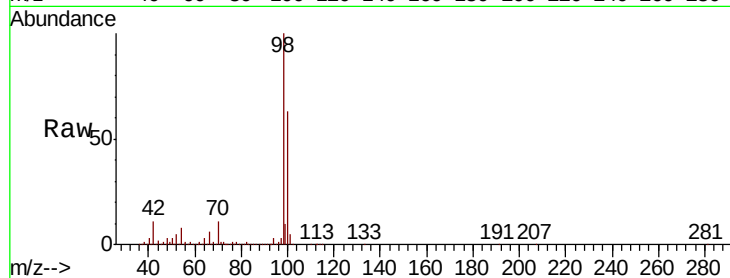
JTY-SB-04-5-7

Tot Ion: 98 Resp: 1089402

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 34.09 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

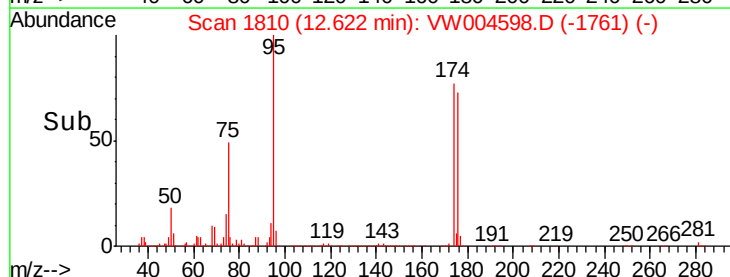
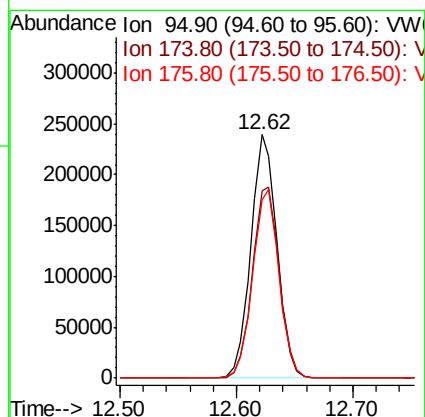
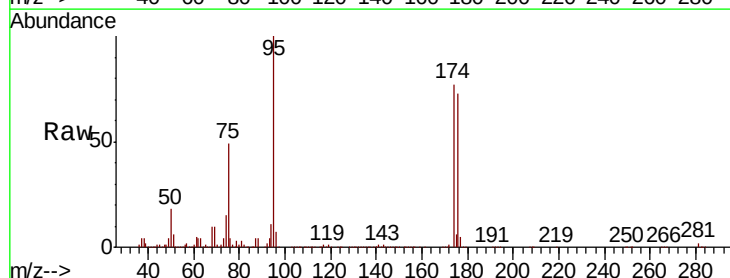
Tgt Ion: 95 Resp: 374212

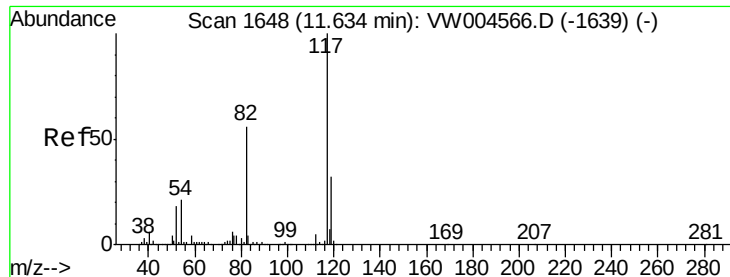
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

176 78.1 0.0 153.2

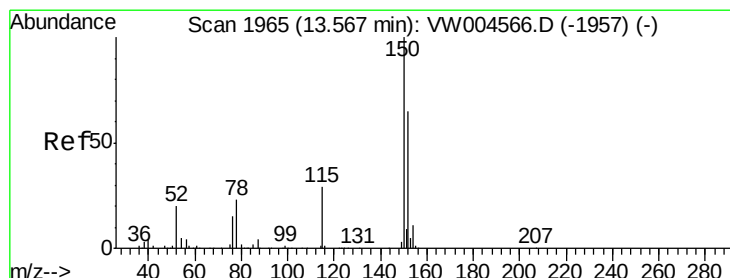
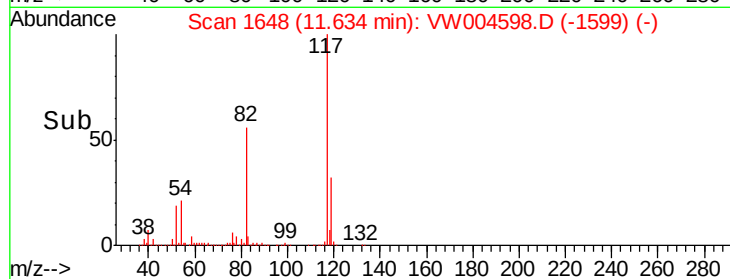
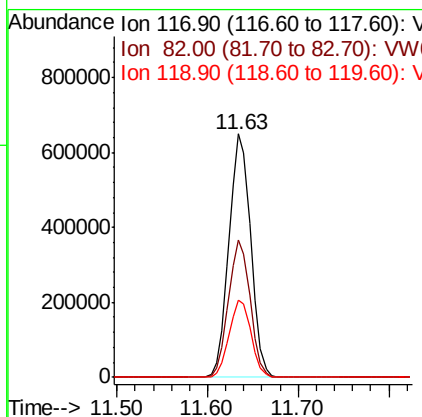
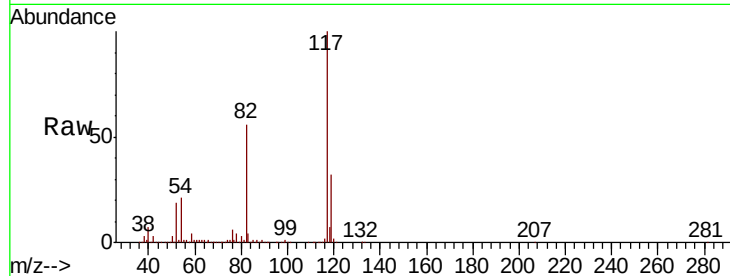




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-04-5-7

Tot Ion:117 Resp: 1079097
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

Tgt Ion:152 Resp: 518623
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 156.9 0.0 349.6

