

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007849.D
 Acq On : 22 Dec 2018 18:02
 Operator : SY/AP
 Sample : J6388-06
 Misc : 5.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS009-0006-01

Quant Time: Dec 24 03:04:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

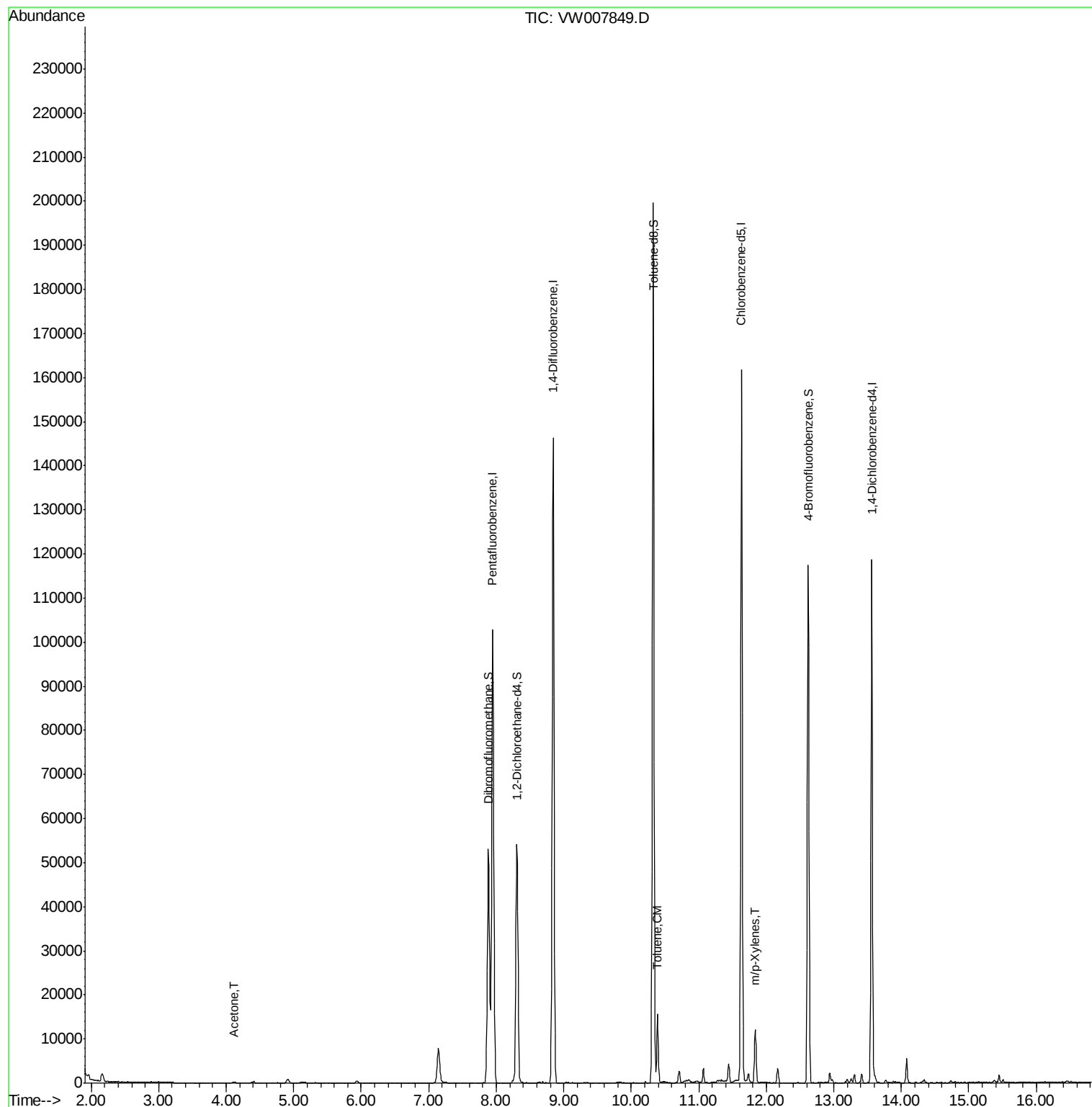
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44440	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.88	113	39483	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.32	98	137418	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.62	95	38971	34.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.58%	
Target Compounds						
16) Acetone	4.12	43	541	3.475	ug/l #	79
52) Toluene	10.39	92	6959	3.194	ug/l	99
68) m/p-Xylenes	11.83	106	3564	2.663	ug/l	96

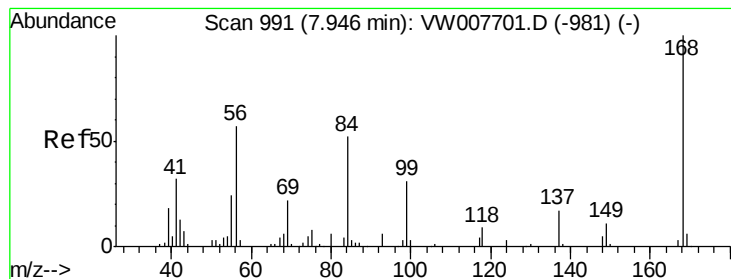
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

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ClientSampleId :

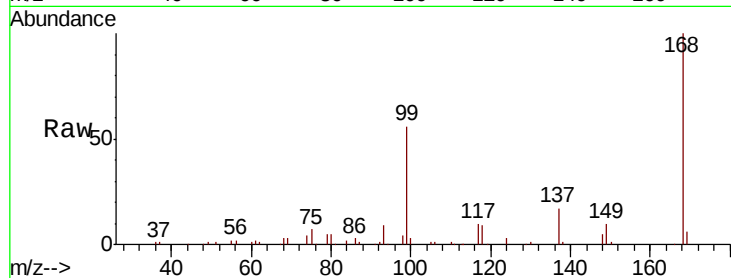
P001-SS009-0006-01

Tgt Ion:168 Resp: 75862

Ion Ratio Lower Upper

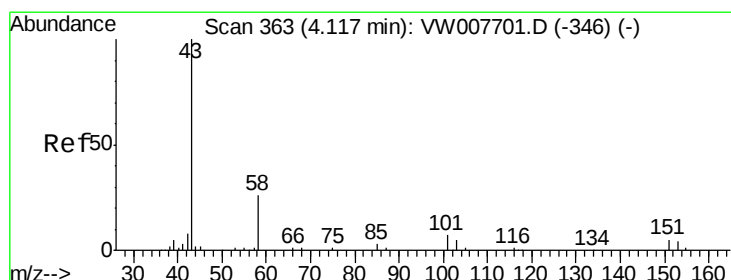
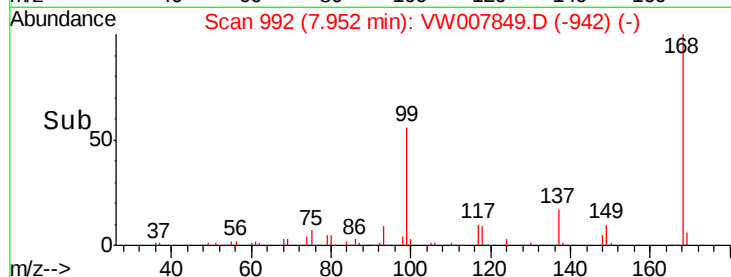
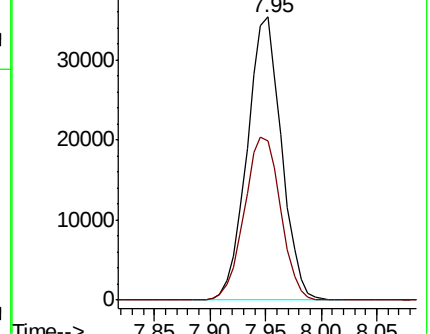
168 100

99 56.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.475 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007849.D

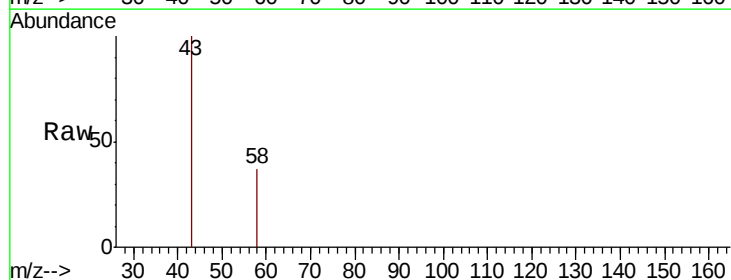
Acq: 22 Dec 2018 18:02

Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

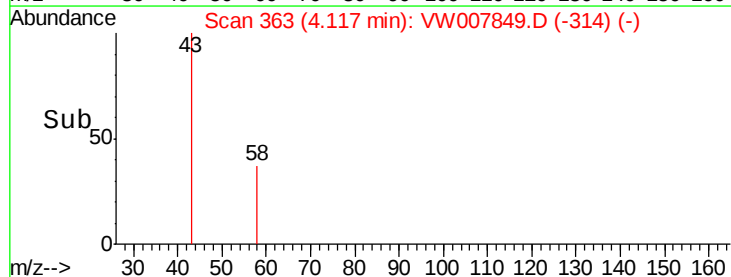
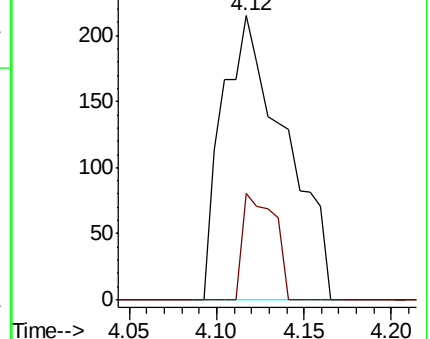
43 100

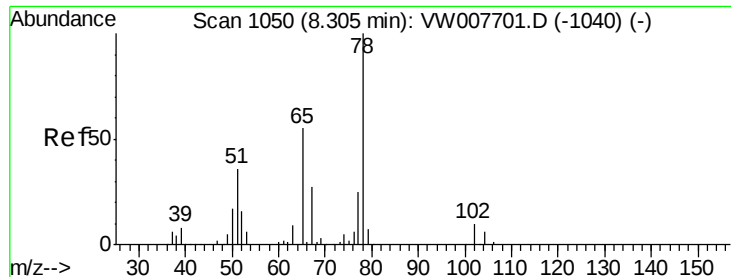
58 37.2 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.447 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

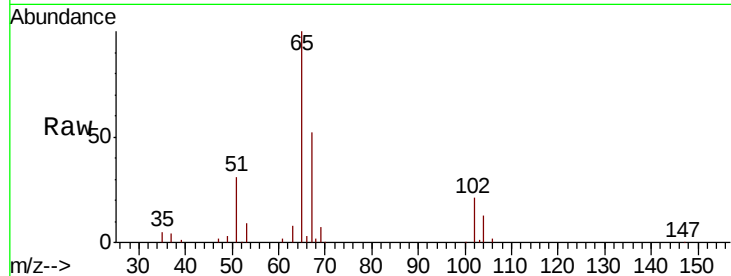
P001-SS009-0006-01

Tgt Ion: 65 Resp: 44440

Ion Ratio Lower Upper

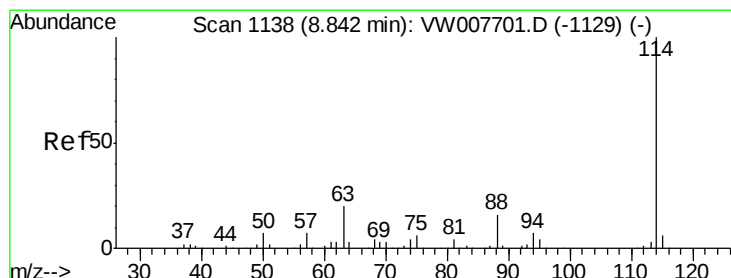
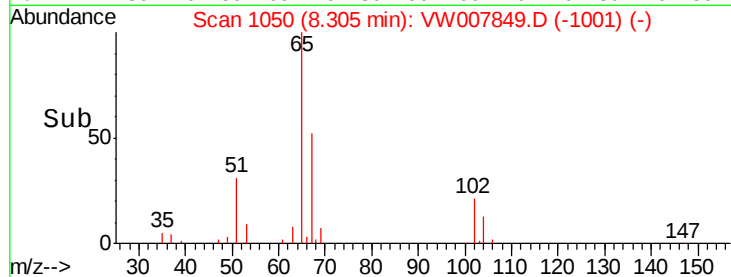
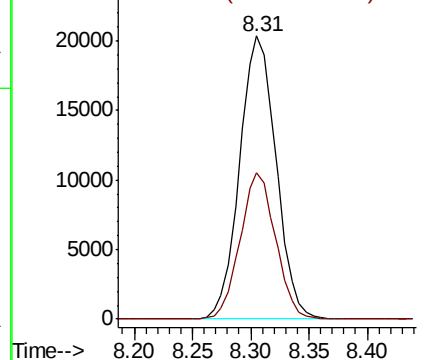
65 100

67 50.3 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

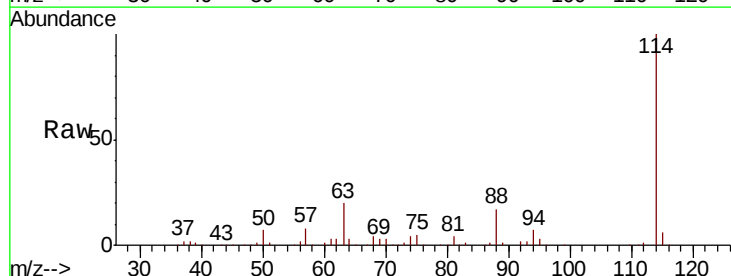
Tgt Ion: 114 Resp: 126073

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

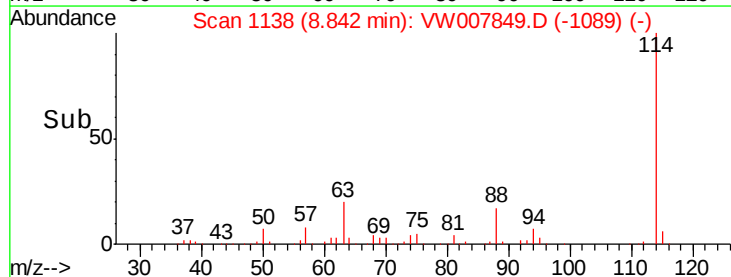
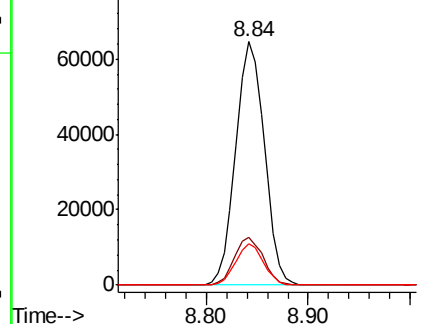
88 17.2 0.0 32.6

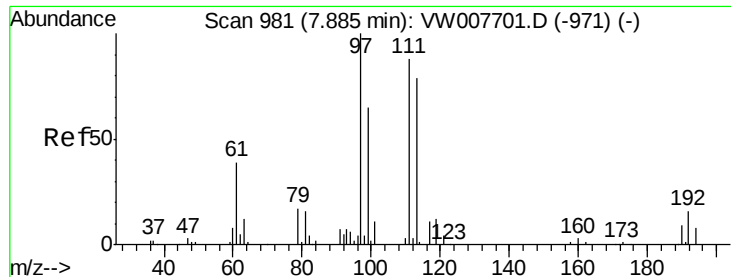


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SS009-0006-01

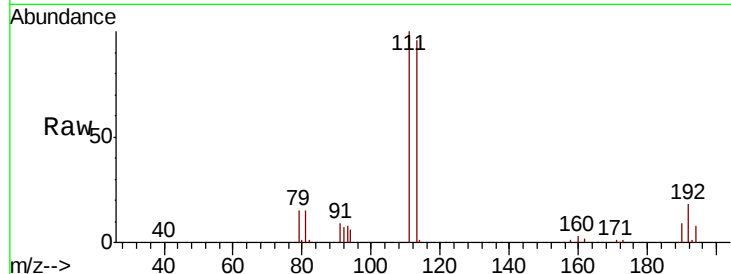
Tgt Ion:113 Resp: 39483

Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

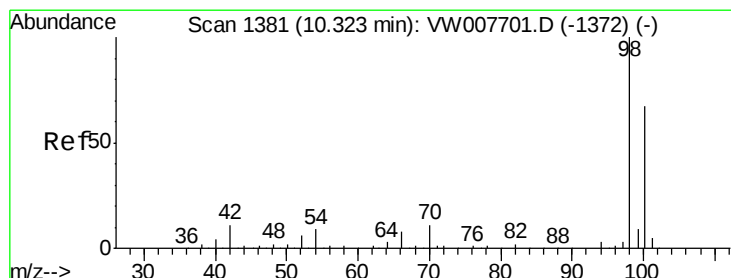
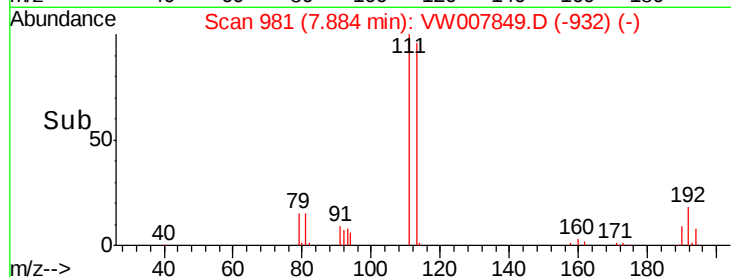
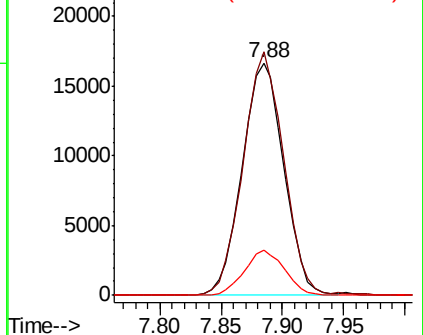
192 18.6 15.5 23.3



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: 47.395 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007849.D

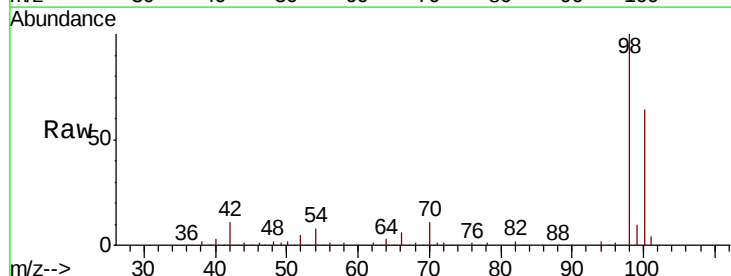
Acq: 22 Dec 2018 18:02

Tgt Ion: 98 Resp: 137418

Ion Ratio Lower Upper

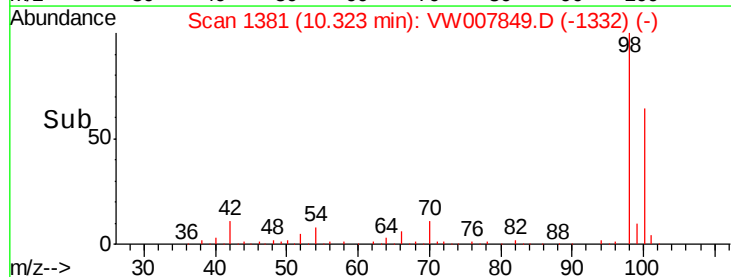
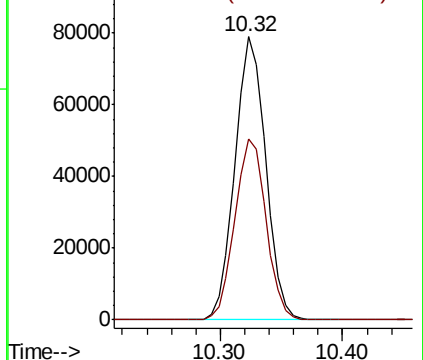
98 100

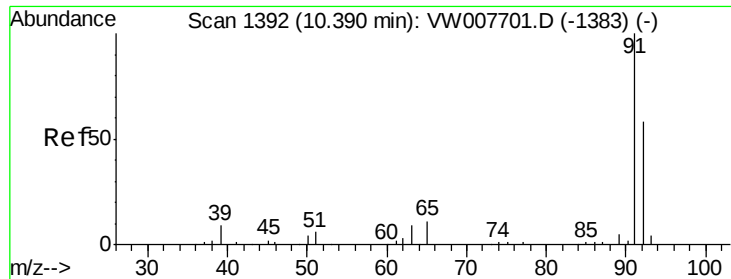
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.194 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

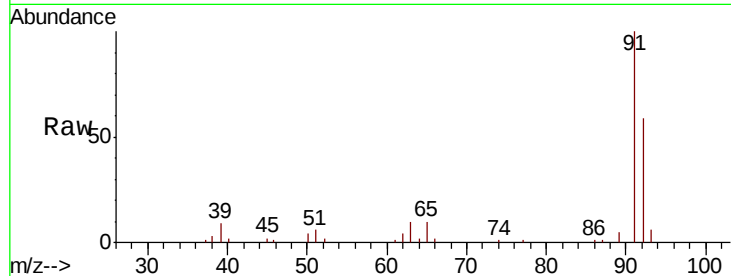
P001-SS009-0006-01

Tgt Ion: 92 Resp: 6959

Ion Ratio Lower Upper

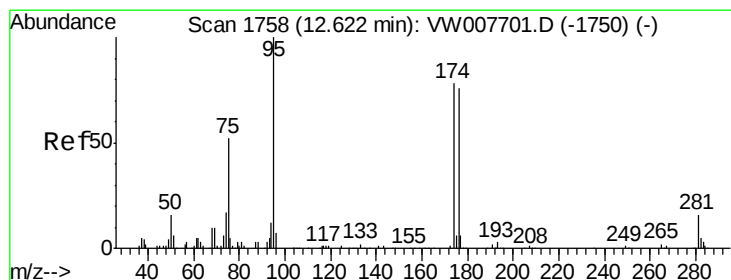
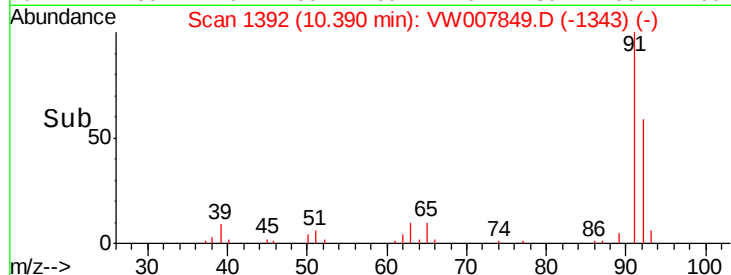
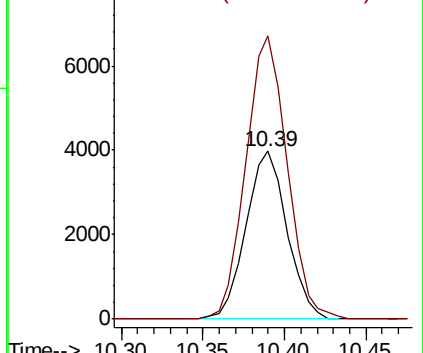
92 100

91 169.4 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 34.792 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007849.D

Acq: 22 Dec 2018 18:02

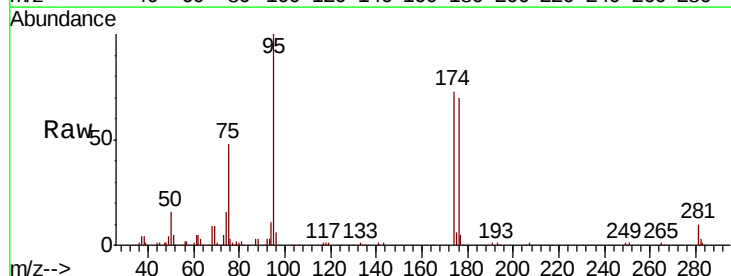
Tgt Ion: 95 Resp: 38971

Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.2

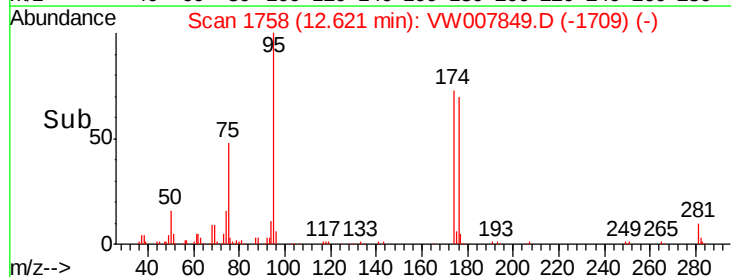
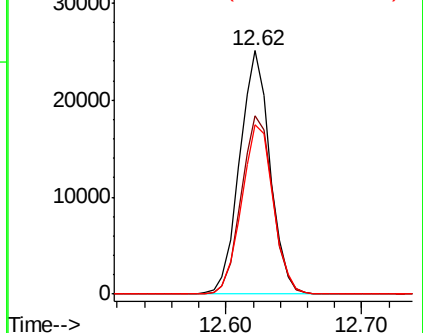
176 72.8 0.0 146.8

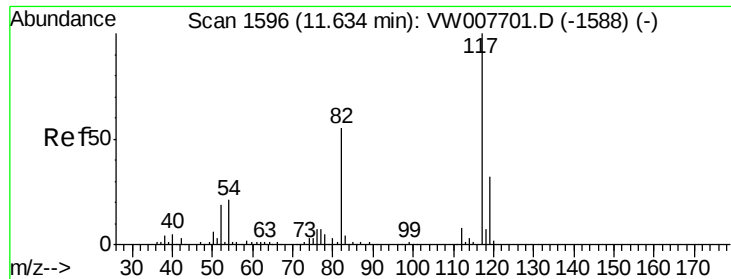


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

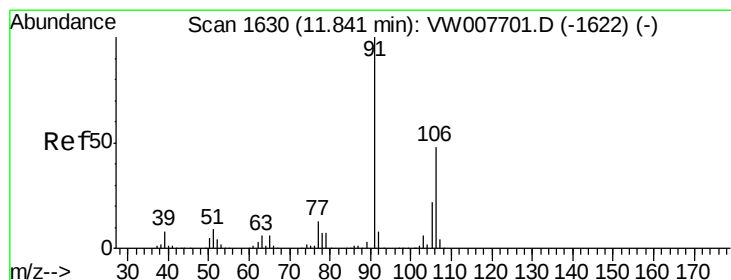
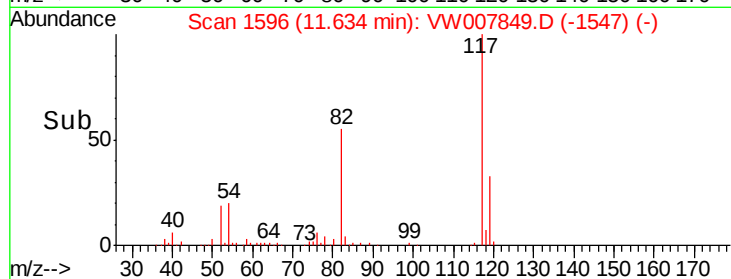
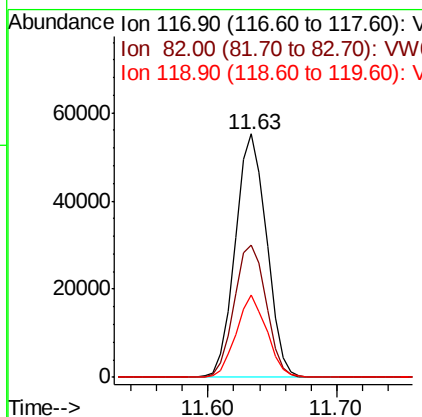
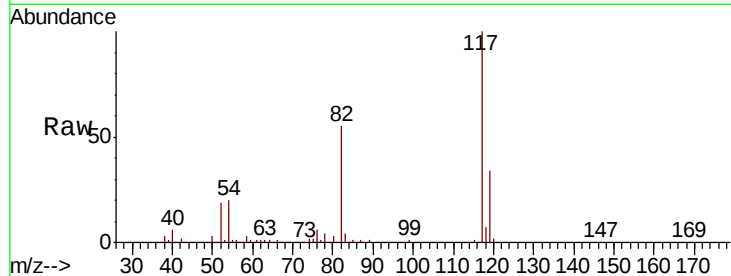




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

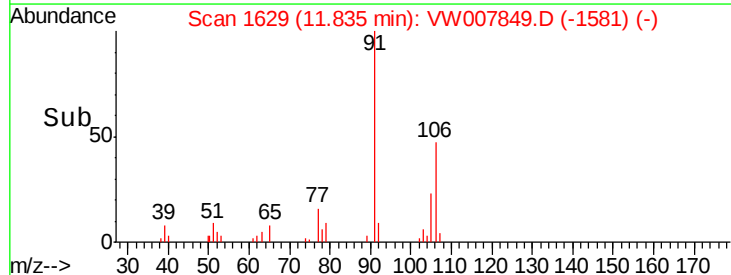
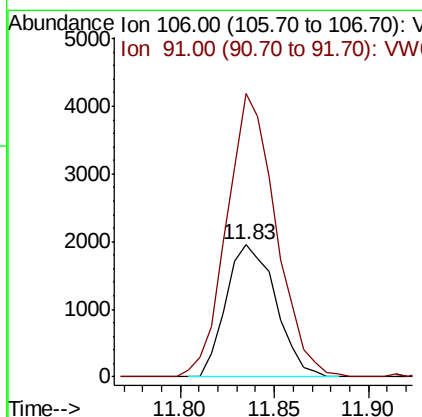
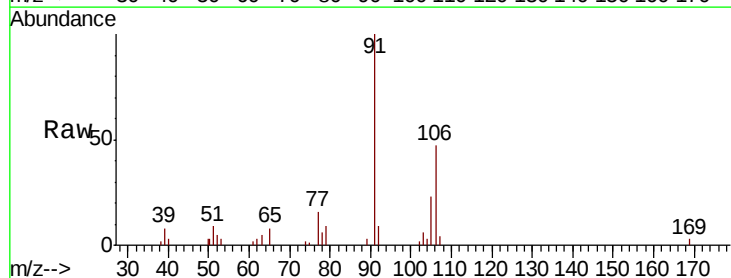
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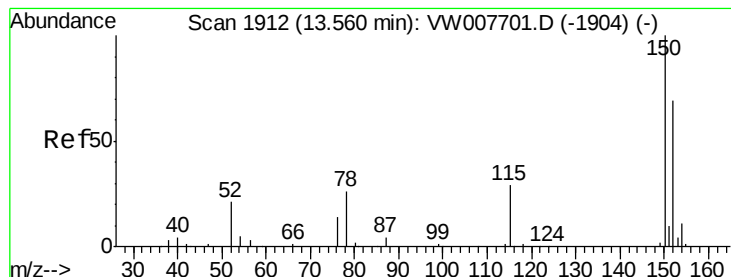
Tgt Ion:117 Resp: 92880
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 33.6 25.7 38.5



#68
m/p-Xylenes
Concen: 2.663 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007849.D
Acq: 22 Dec 2018 18:02

Tgt Ion:106 Resp: 3564
Ion Ratio Lower Upper
106 100
91 212.5 165.2 247.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007849.D

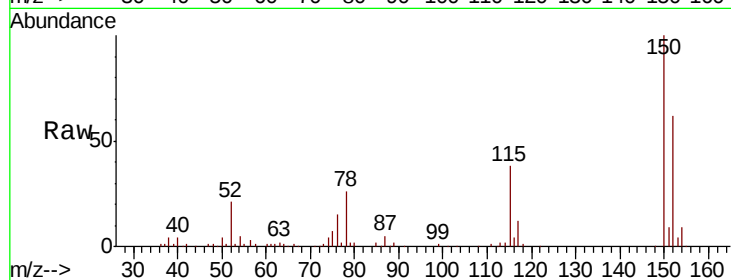
Acq: 22 Dec 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SS009-0006-01



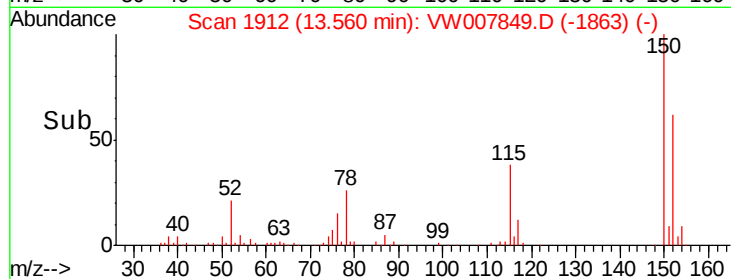
Tgt Ion:152 Resp: 31175

Ion Ratio Lower Upper

152 100

115 63.3 31.8 95.4

150 160.8 0.0 350.8



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

