

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007069.D
 Acq On : 27 Nov 2018 02:37
 Operator : VAY/AP
 Sample : J5774-07
 Misc : 6.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-112118-B

Quant Time: Nov 27 07:37:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

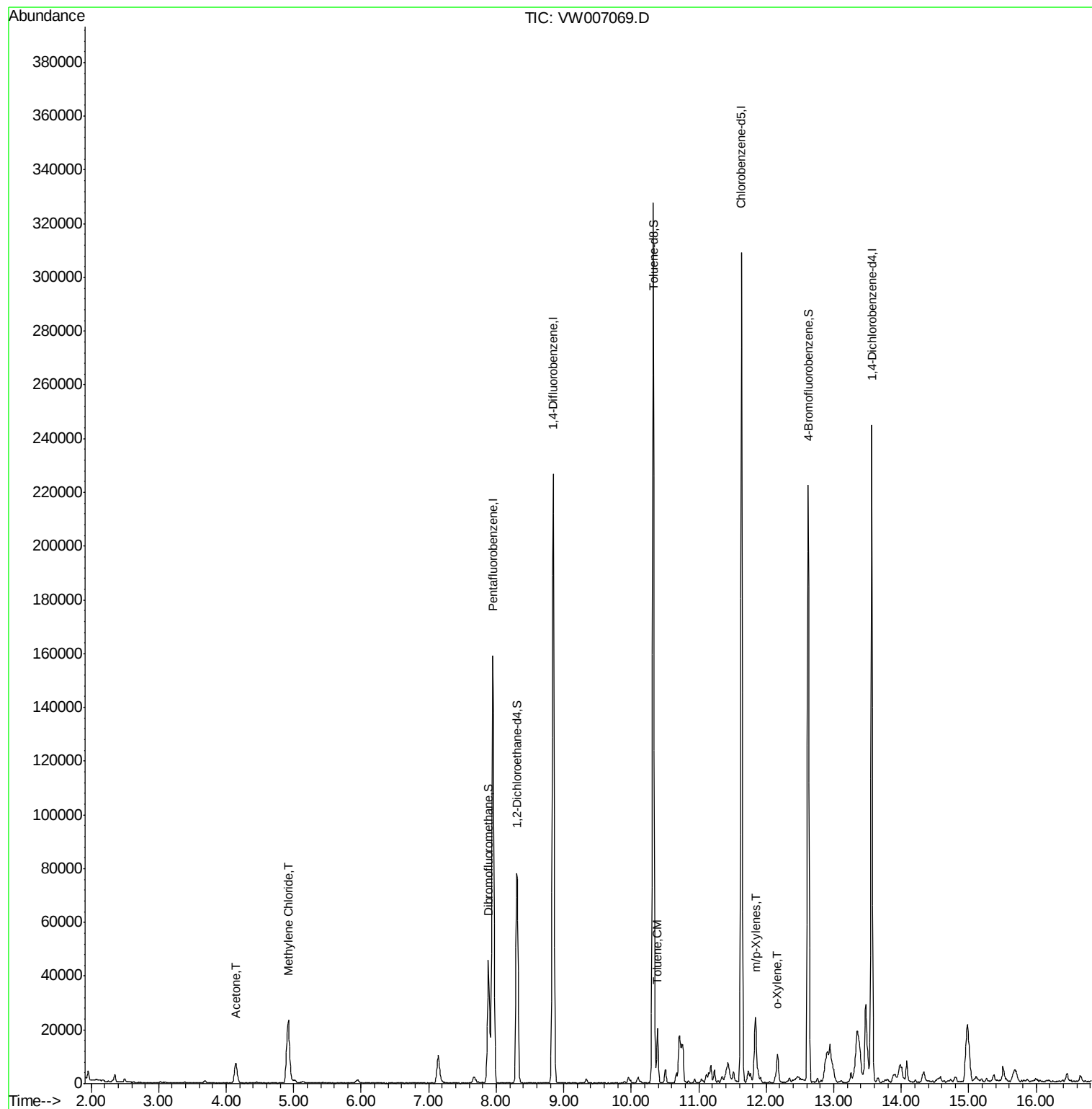
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	195336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64324	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	33790	30.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.26%	
50) Toluene-d8	10.32	98	219094	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.62	95	75252	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.52%	
Target Compounds						
16) Acetone	4.14	43	14379	85.06	ug/l	96
20) Methylene Chloride	4.92	84	18364	9.23	ug/l	98
52) Toluene	10.39	92	8750	2.50	ug/l	99
68) m/p-Xylenes	11.83	106	6426	2.49	ug/l	100
69) o-Xylene	12.17	106	2792	1.15	ug/l	87

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

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

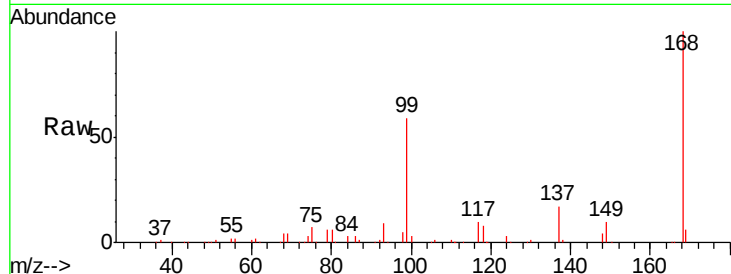
SU-03-112118-B

Tgt Ion:168 Resp: 118920

Ion Ratio Lower Upper

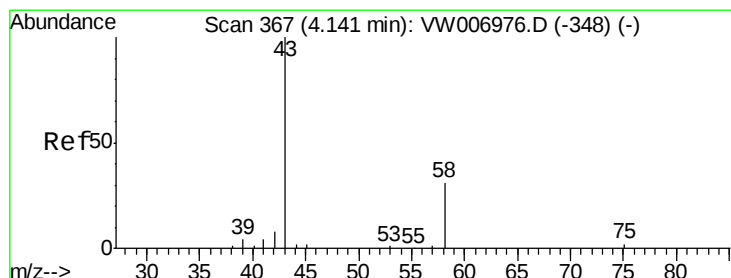
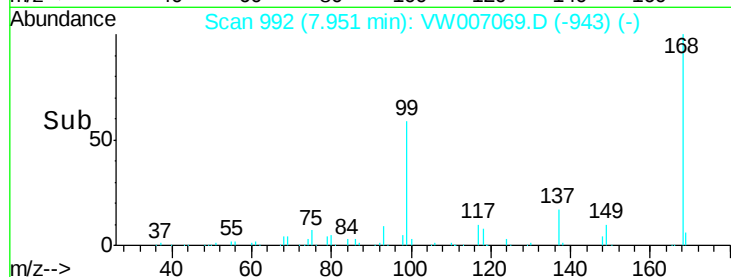
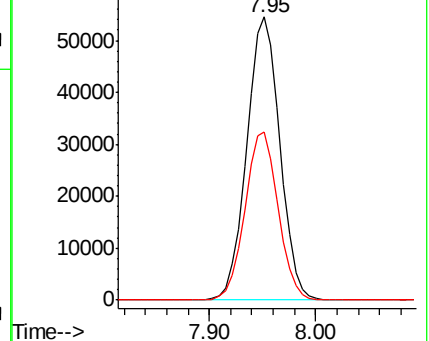
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 85.06 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007069.D

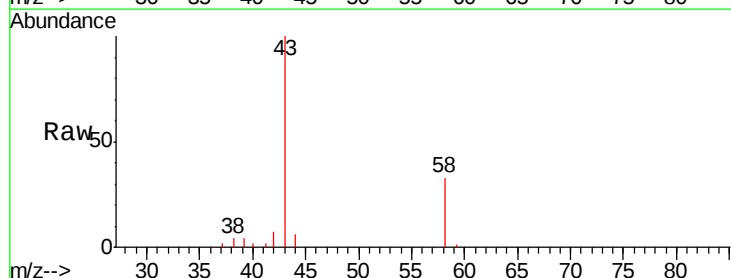
Acq: 27 Nov 2018 02:37

Tgt Ion: 43 Resp: 14379

Ion Ratio Lower Upper

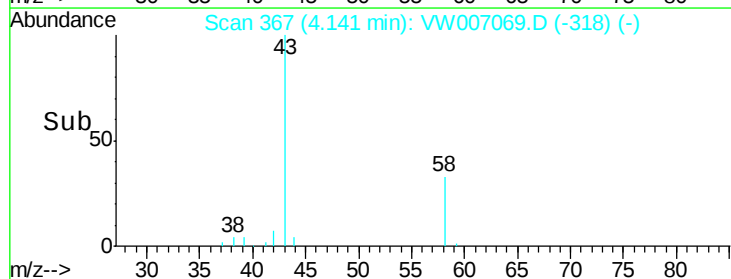
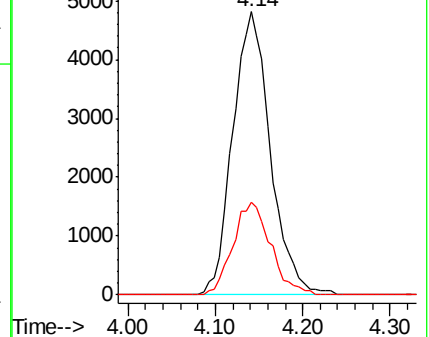
43 100

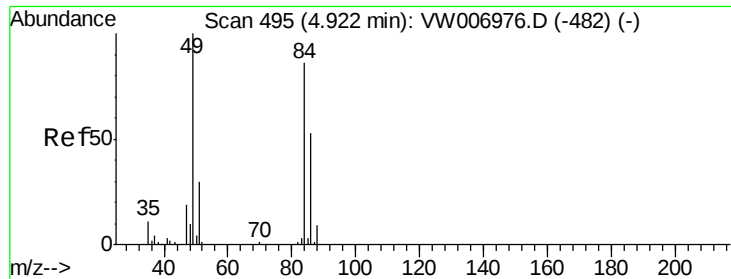
58 33.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

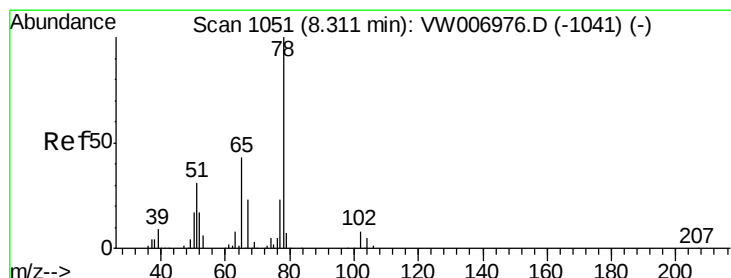
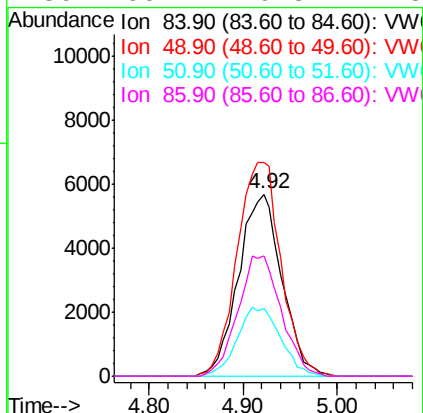
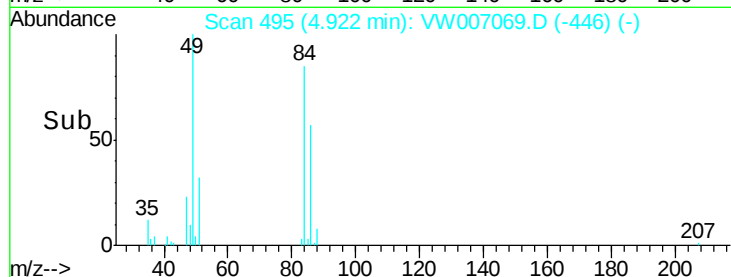
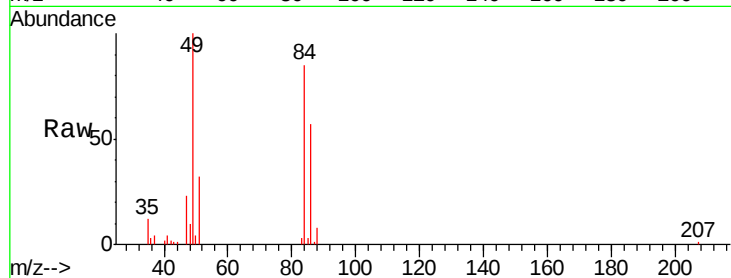




#20
Methylene Chloride
Concen: 9.23 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007069.D
Acq: 27 Nov 2018 02:37

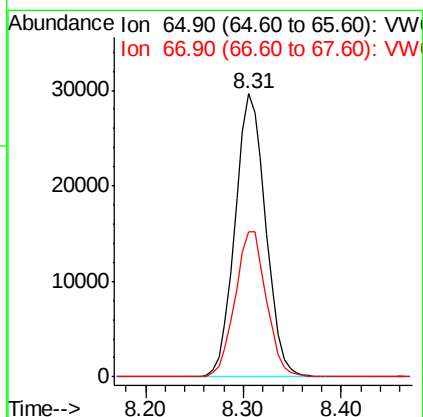
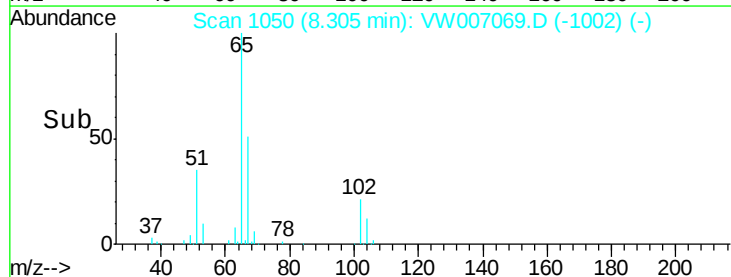
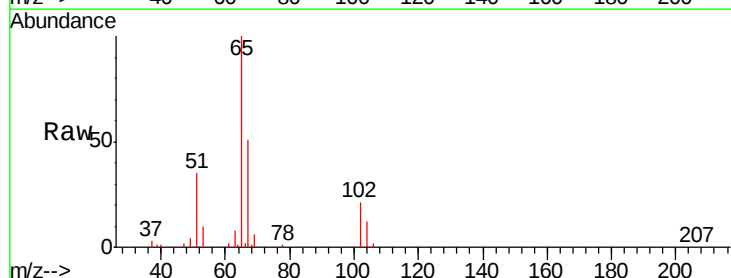
Instrument :
MSVOA_W
ClientSampleId :
SU-03-112118-B

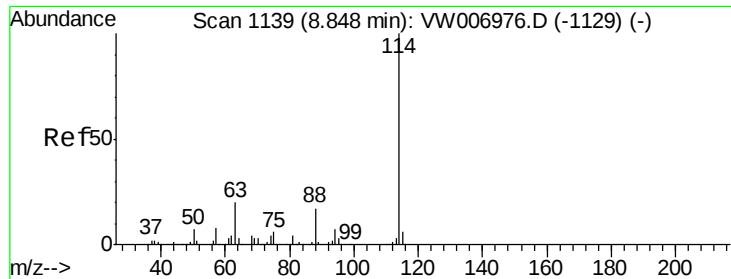
Tgt Ion: 84 Resp: 18364
Ion Ratio Lower Upper
84 100
49 117.3 93.4 140.0
51 37.4 28.4 42.6
86 66.4 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 55.25 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007069.D
Acq: 27 Nov 2018 02:37

Tgt Ion: 65 Resp: 64324
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

SU-03-112118-B

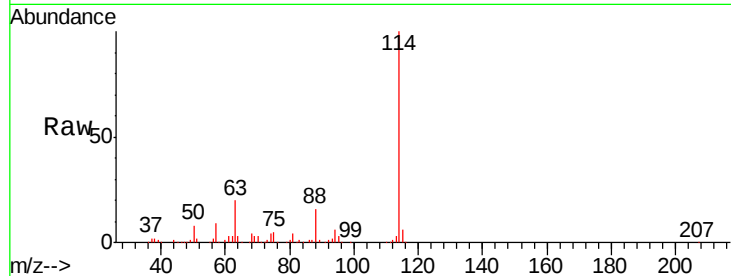
Tgt Ion:114 Resp: 195336

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

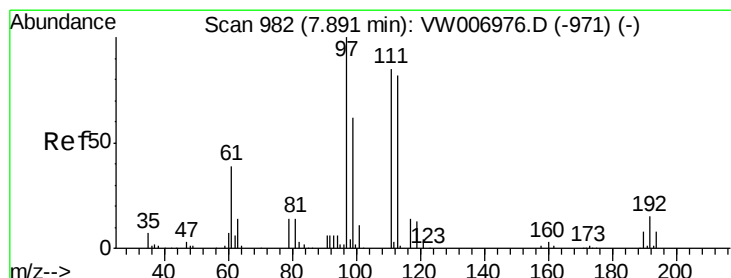
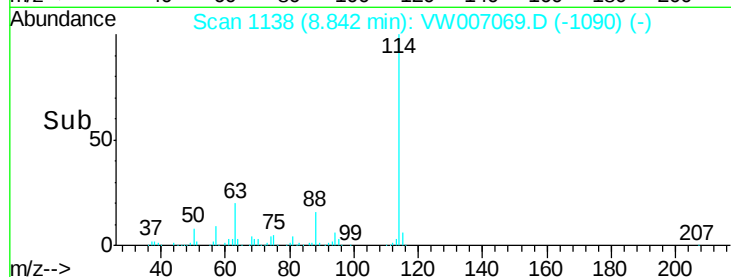
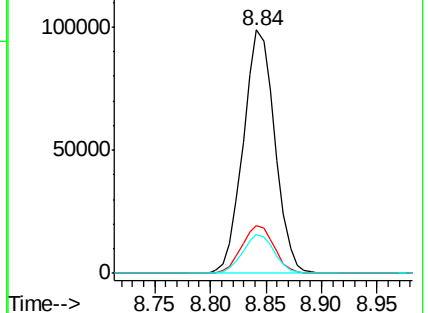
88 16.2 0.0 34.2



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: 30.63 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

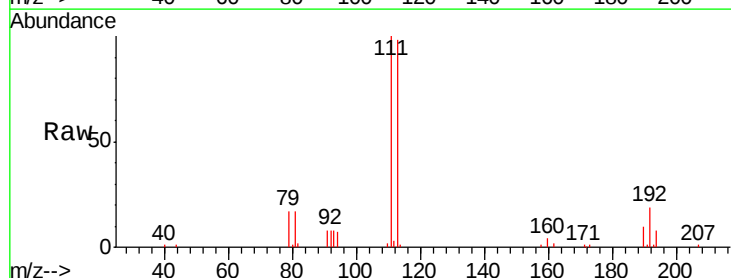
Tgt Ion:113 Resp: 33790

Ion Ratio Lower Upper

113 100

111 101.0 81.0 121.6

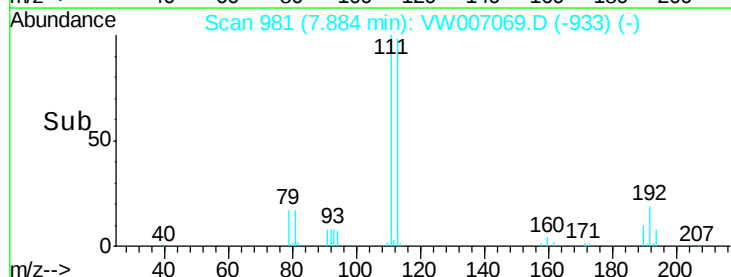
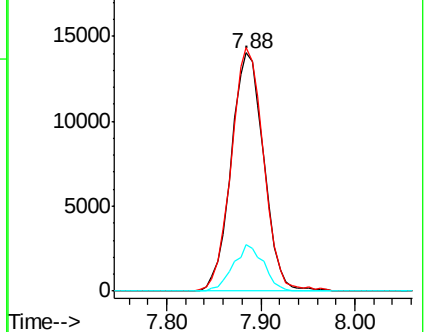
192 18.1 15.0 22.6

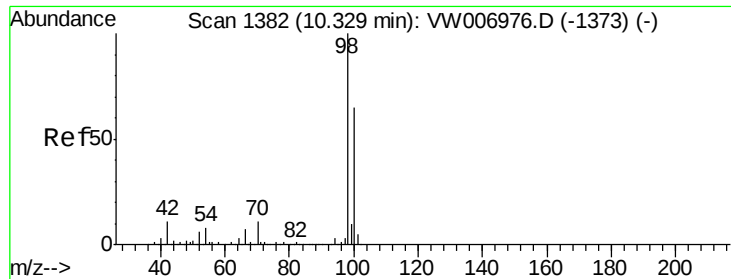


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.98 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

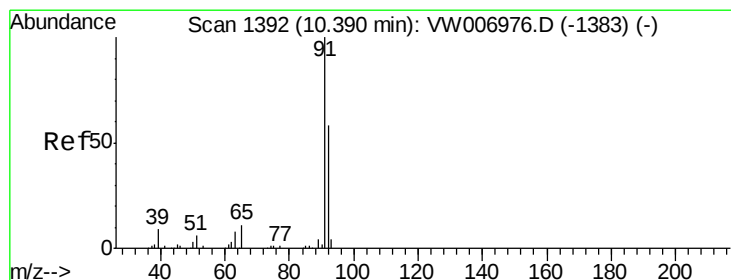
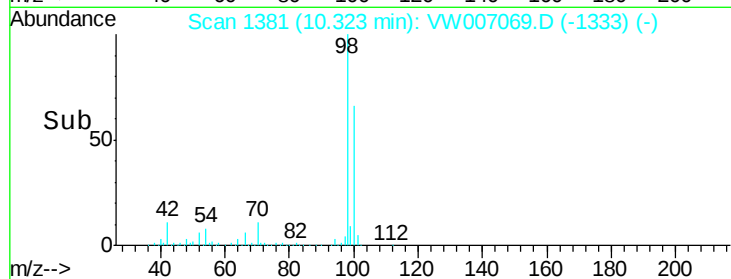
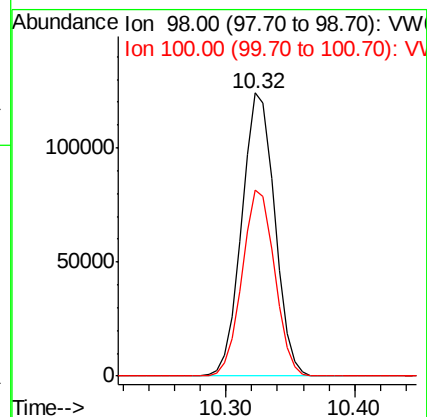
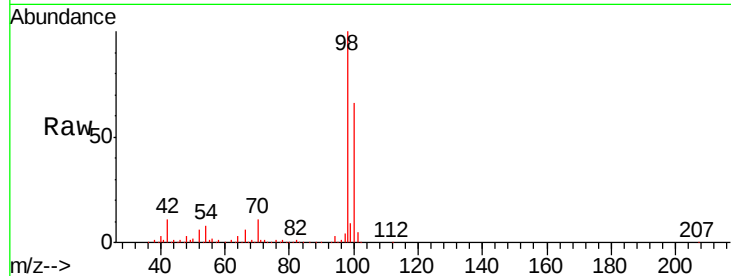
SU-03-112118-B

Tgt Ion: 98 Resp: 219094

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#52

Toluene

Concen: 2.50 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007069.D

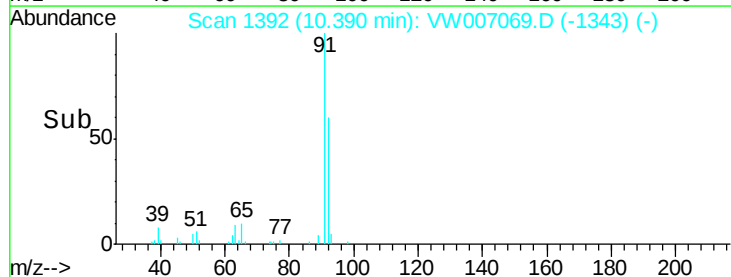
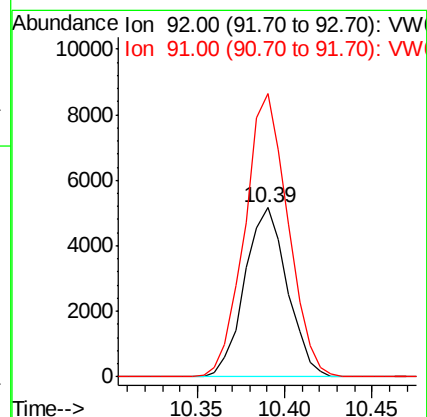
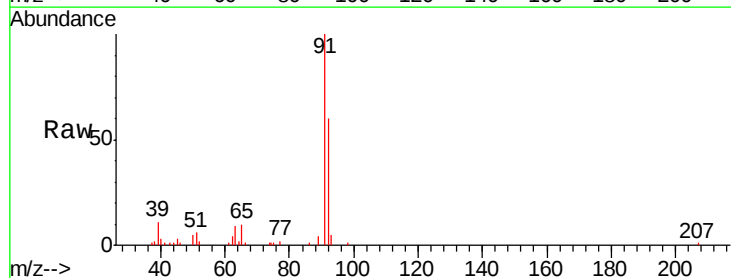
Acq: 27 Nov 2018 02:37

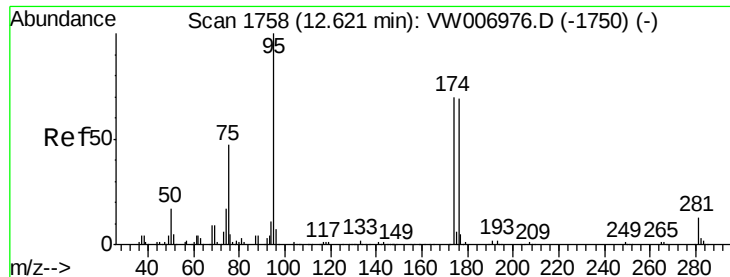
Tgt Ion: 92 Resp: 8750

Ion Ratio Lower Upper

92 100

91 169.7 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 39.26 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

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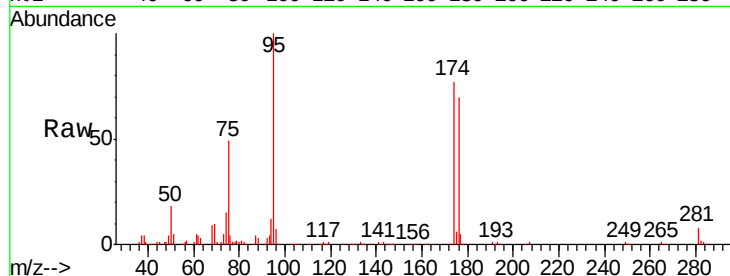
Tgt Ion: 95 Resp: 75252

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.6

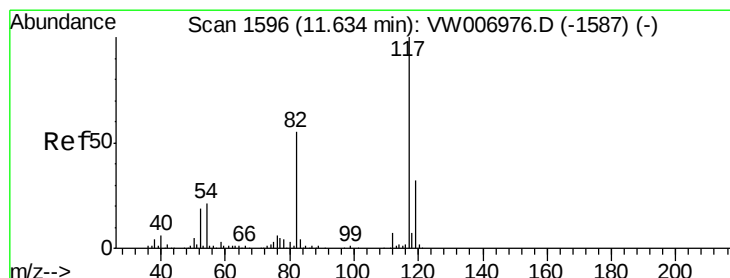
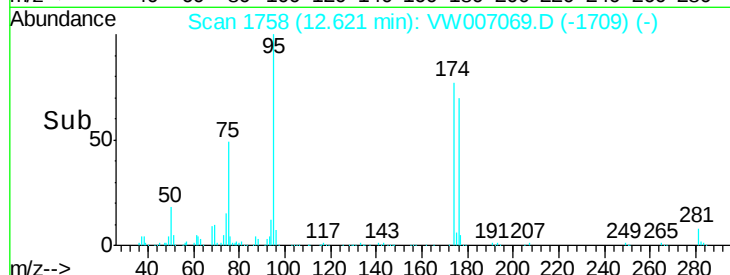
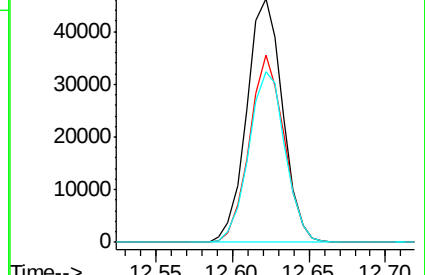
176 71.3 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

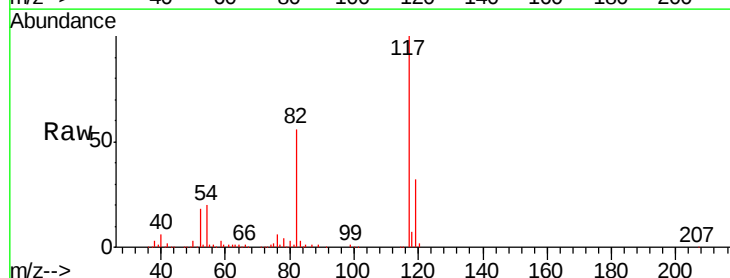
Tgt Ion: 117 Resp: 171611

Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.2

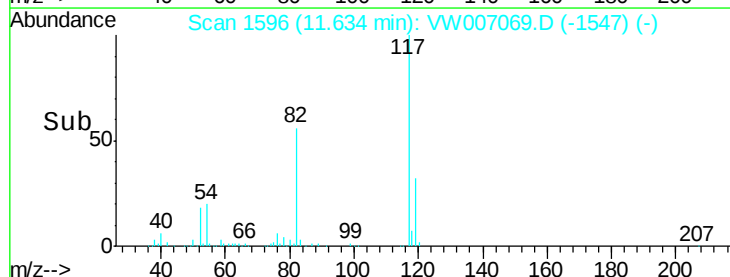
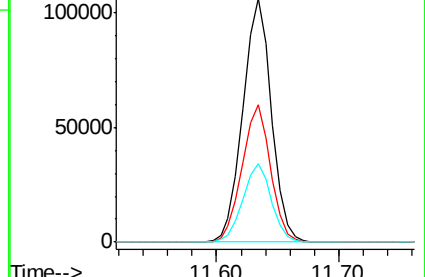
119 32.1 25.9 38.9

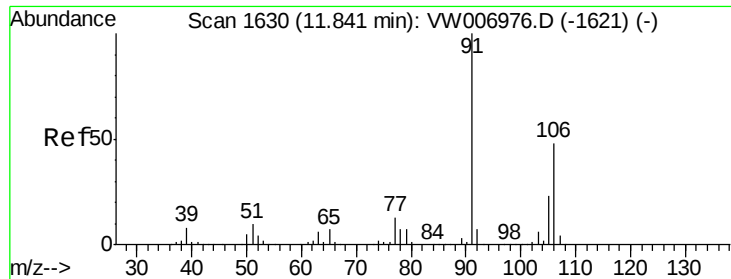


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

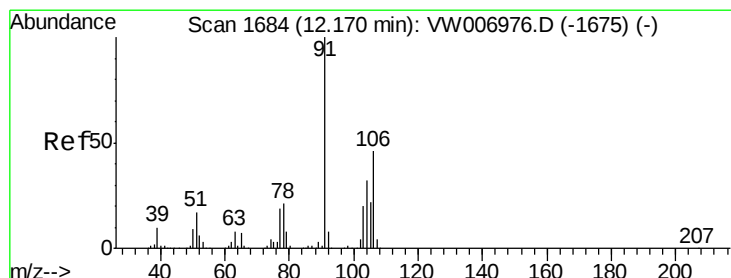
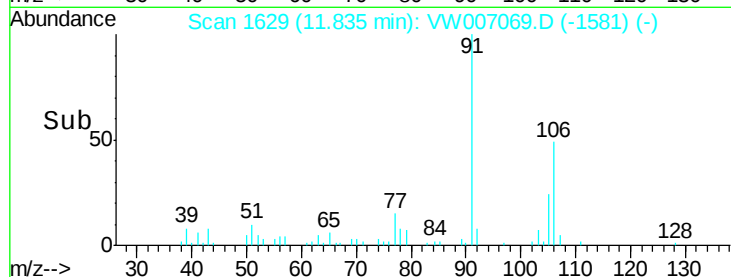
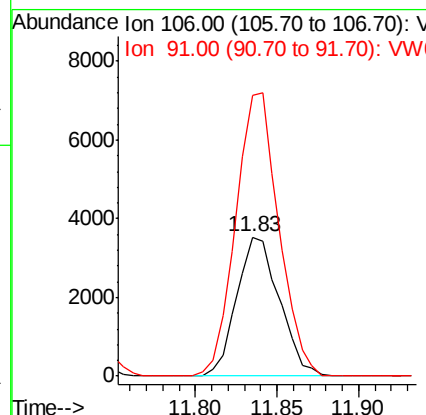
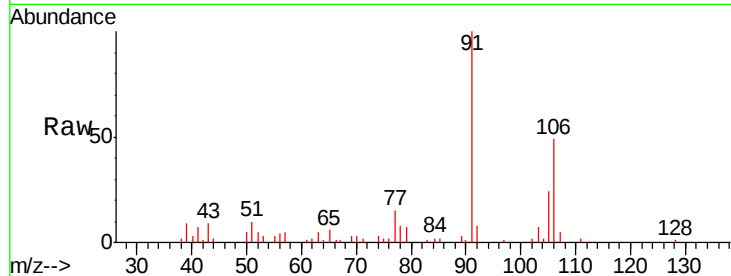




#68
m/p-Xylenes
Concen: 2.49 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007069.D
Acq: 27 Nov 2018 02:37

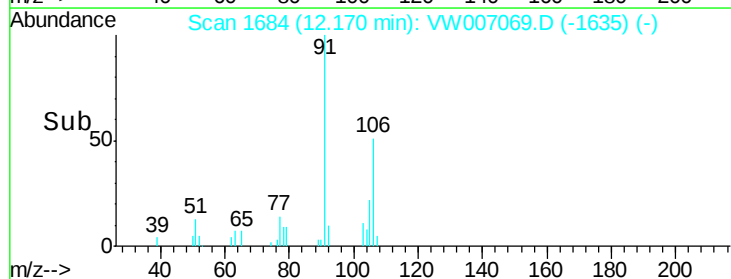
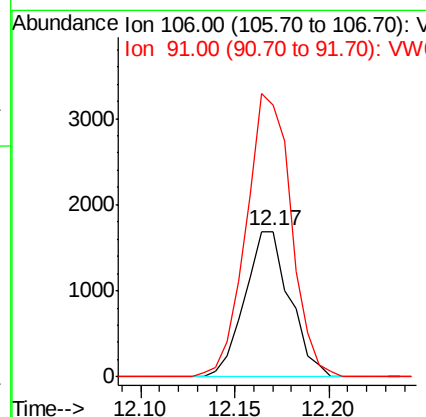
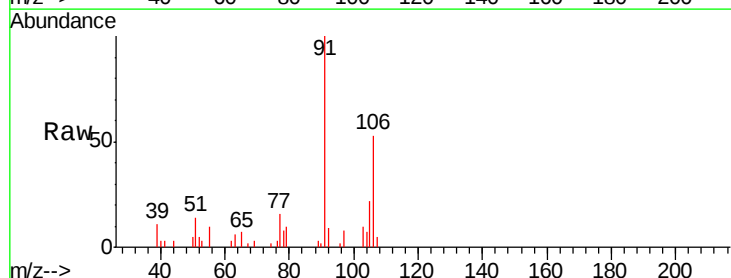
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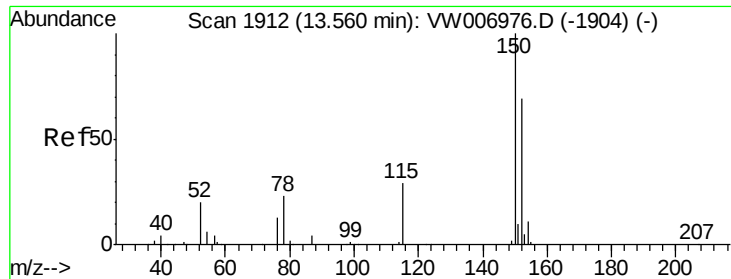
Tgt Ion:106 Resp: 6426
Ion Ratio Lower Upper
106 100
91 205.4 164.8 247.2



#69
o-Xylene
Concen: 1.15 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007069.D
Acq: 27 Nov 2018 02:37

Tgt Ion:106 Resp: 2792
Ion Ratio Lower Upper
106 100
91 195.6 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007069.D

Acq: 27 Nov 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

SU-03-112118-B

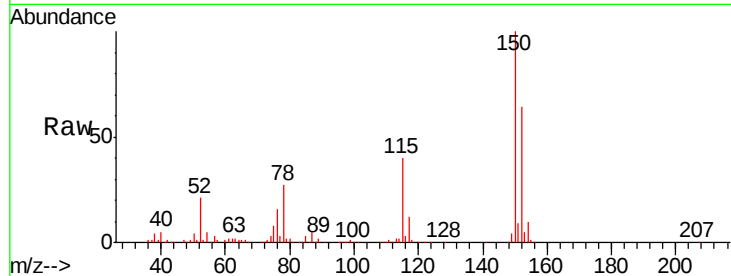
Tgt Ion:152 Resp: 64401

Ion Ratio Lower Upper

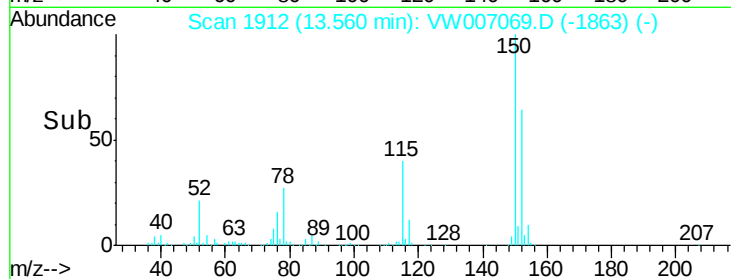
152 100

115 61.7 31.4 94.2

150 154.9 0.0 353.4



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

