

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004141.D
 Acq On : 23 Jul 2018 16:55
 Operator : SY/AP
 Sample : J4070-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC015-S-180718

Quant Time: Jul 24 05:18:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	356038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130883	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	92058	39.87	ug/l	0.00
Spiked Amount			Recovery	=	79.74%	
35) Dibromofluoromethane	7.88	113	79752	34.91	ug/l	0.00
Spiked Amount			Recovery	=	69.82%	
50) Toluene-d8	10.33	98	246686	27.83	ug/l	0.00
Spiked Amount			Recovery	=	55.66%	
62) 4-Bromofluorobenzene	12.63	95	80078	25.05	ug/l	0.00
Spiked Amount			Recovery	=	50.10%	

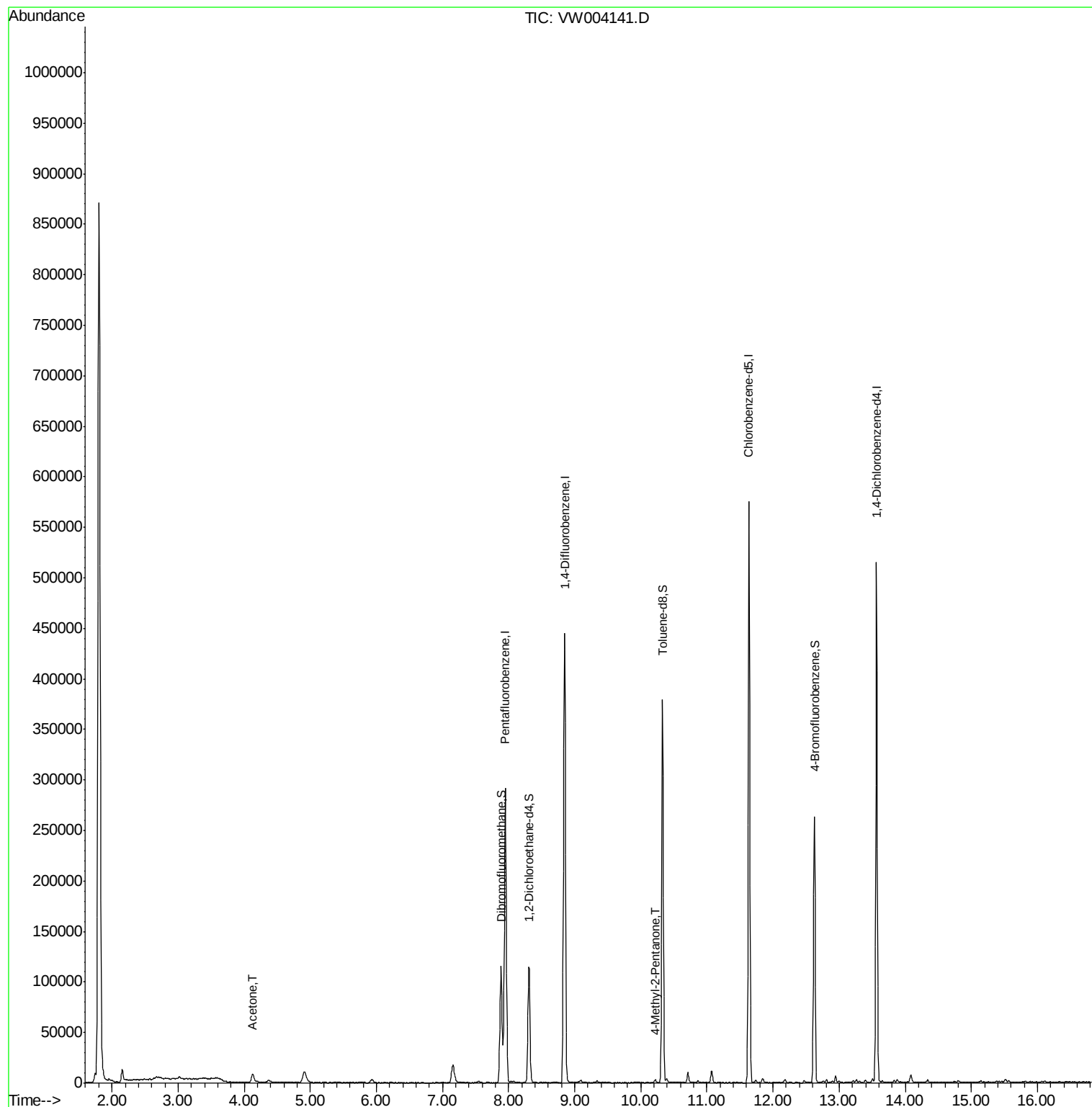
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	14961	26.97	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	2104	1.20	ug/l	94

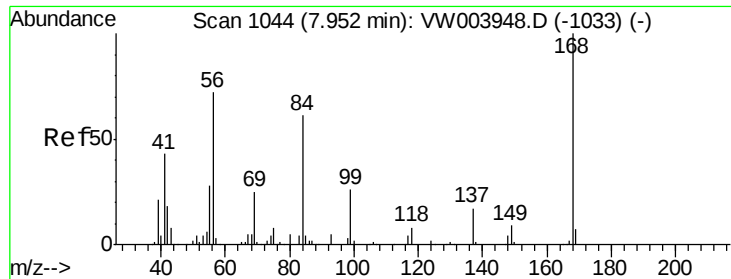
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 15:06:12 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: VW004141.D

Acq: 23 Jul 2018 16:55

Instrument :

MSVOA_W

ClientSampleId :

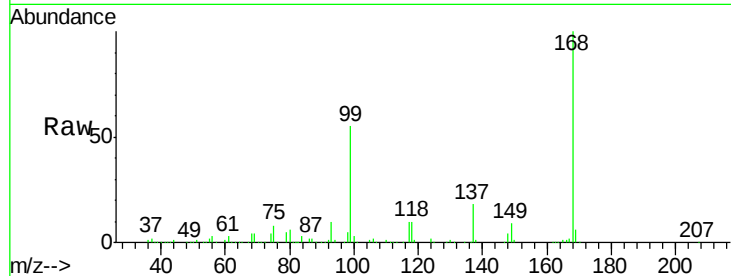
KY030LC015-S-180718

Tot Ion:168 Resp: 206556

Ion Ratio Lower Upper

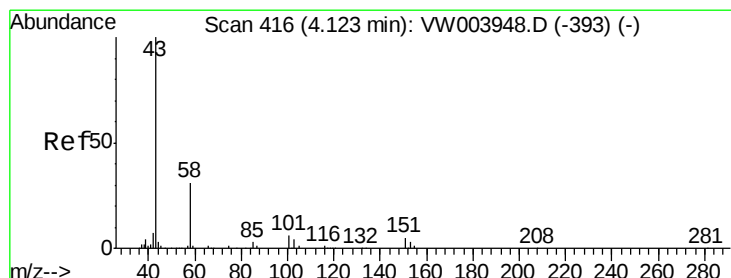
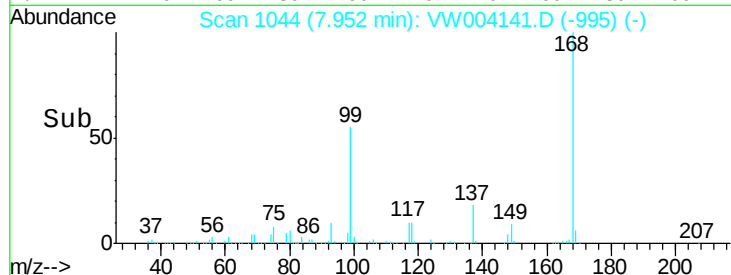
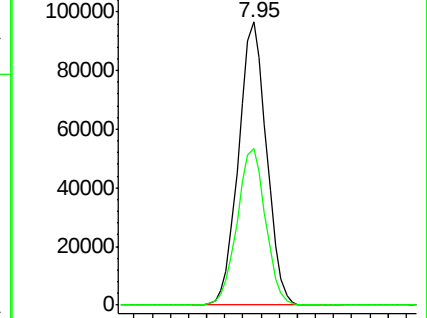
168 100

99 55.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 26.97 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004141.D

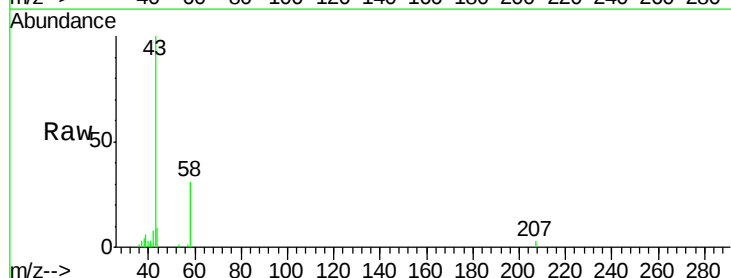
Acq: 23 Jul 2018 16:55

Tgt Ion: 43 Resp: 14961

Ion Ratio Lower Upper

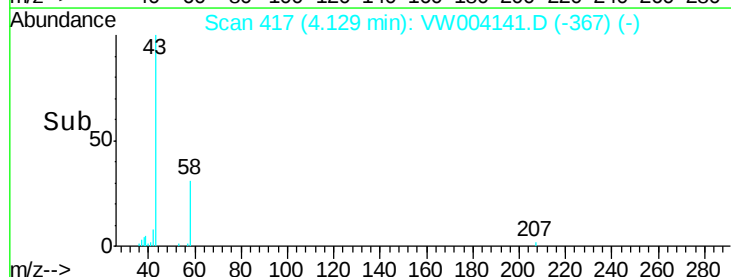
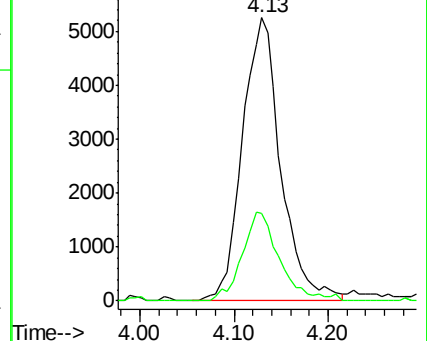
43 100

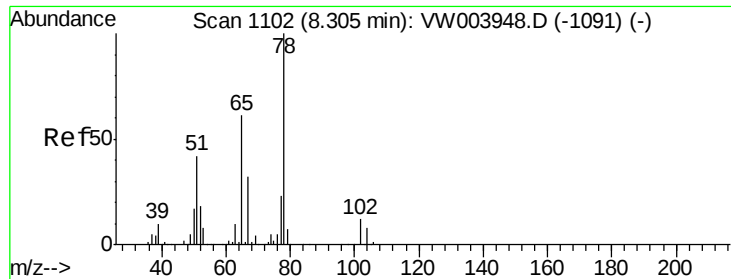
58 30.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

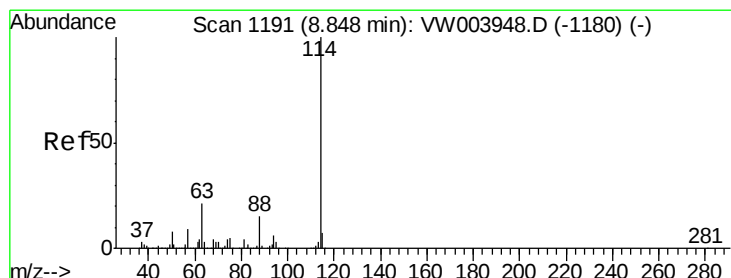
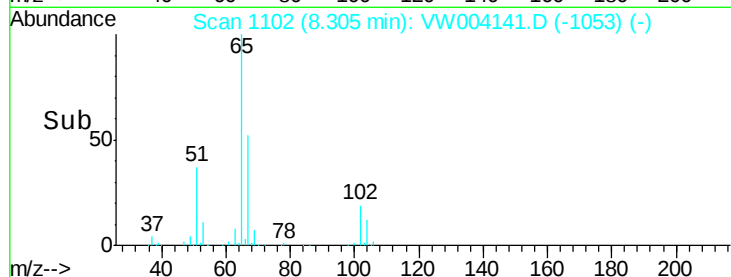
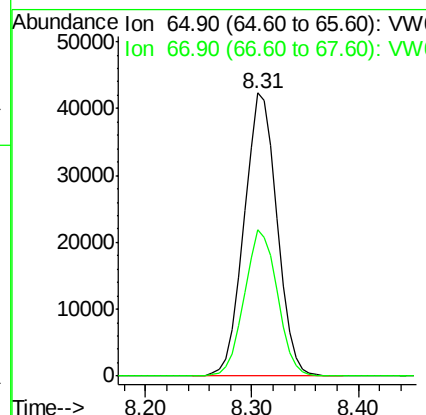
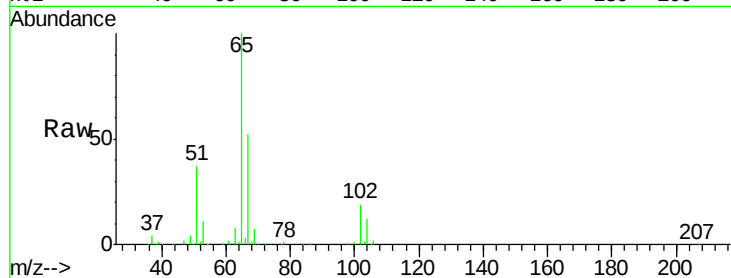




#33
 1,2-Dichloroethane-d4
 Concen: 39.87 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004141.D
 Acq: 23 Jul 2018 16:55

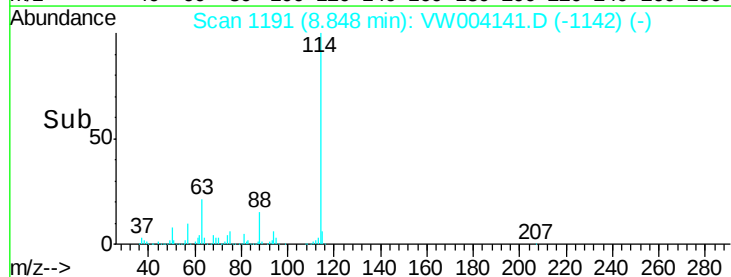
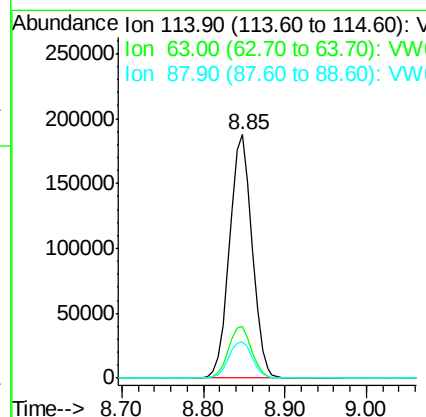
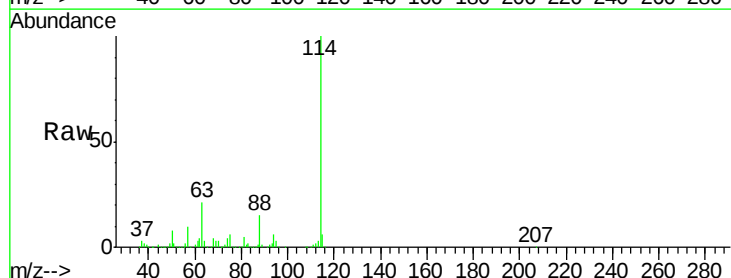
Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC015-S-180718

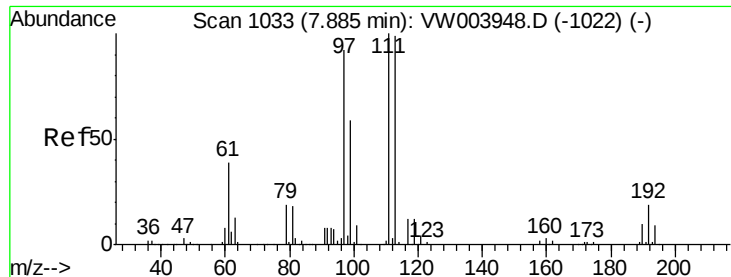
Tot Ion: 65 Resp: 92058
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004141.D
 Acq: 23 Jul 2018 16:55

Tgt Ion: 114 Resp: 356038
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.1 0.0 30.4

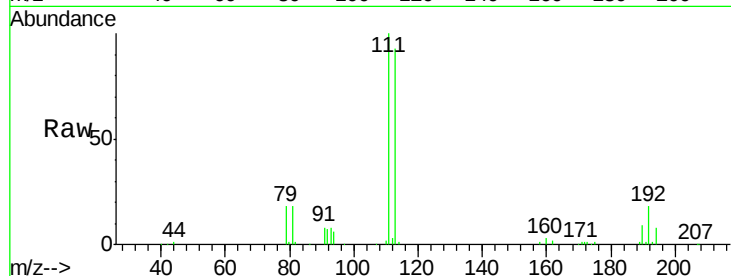




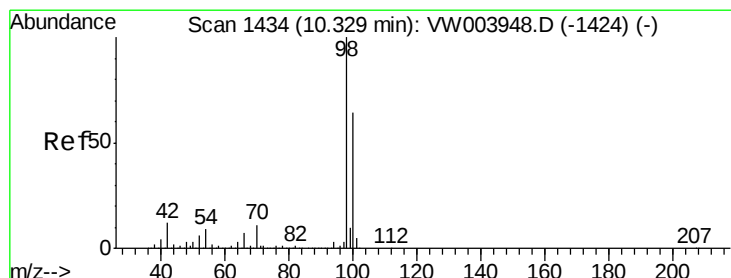
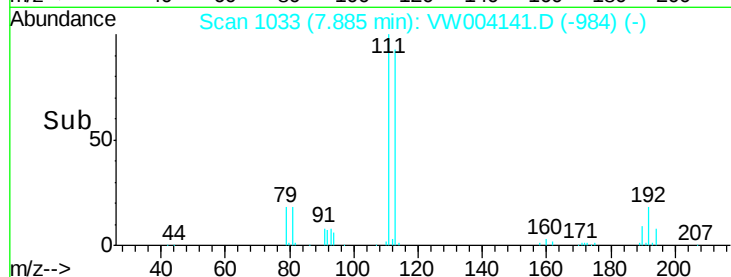
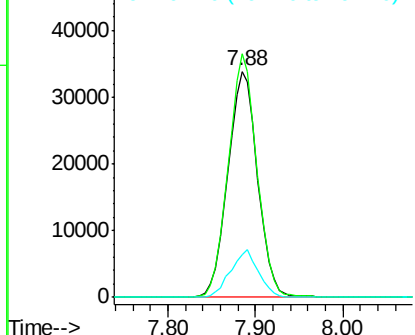
#35
 Dibromofluoromethane
 Concen: 34.91 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004141.D
 Acq: 23 Jul 2018 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC015-S-180718

Tot Ion:113 Resp: 79752
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.3 121.9
 192 20.0 15.8 23.6

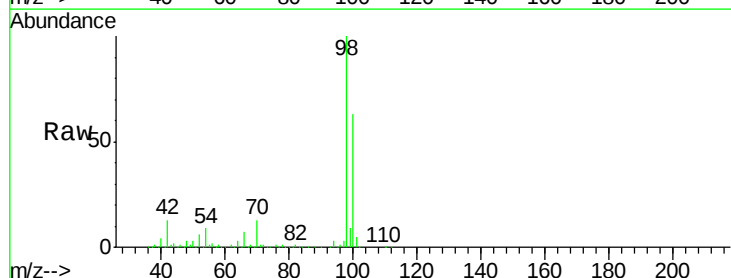


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

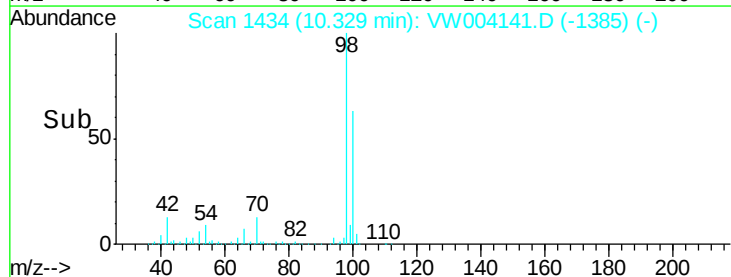
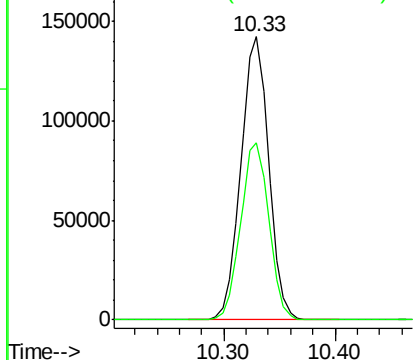


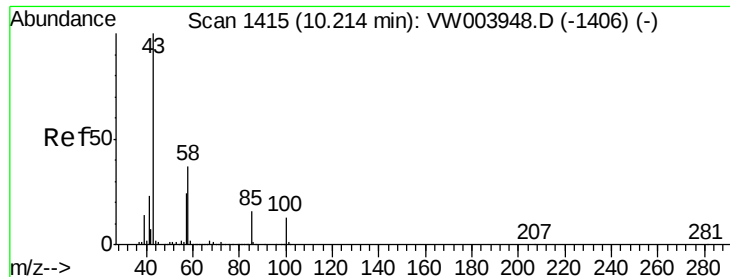
#50
 Toluene-d8
 Concen: 27.83 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004141.D
 Acq: 23 Jul 2018 16:55

Tgt Ion: 98 Resp: 246686
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.20 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004141.D

Acq: 23 Jul 2018 16:55

Instrument :

MSVOA_W

ClientSampleId :

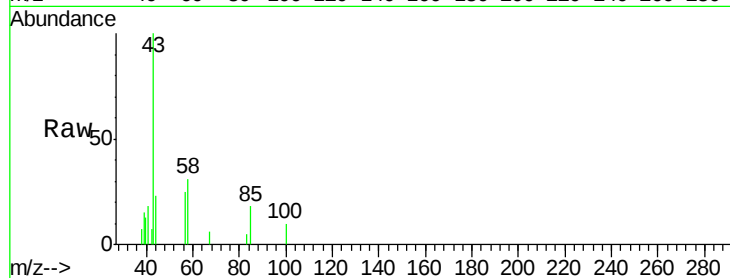
KY030LC015-S-180718

Tot Ion: 43 Resp: 2104

Ion Ratio Lower Upper

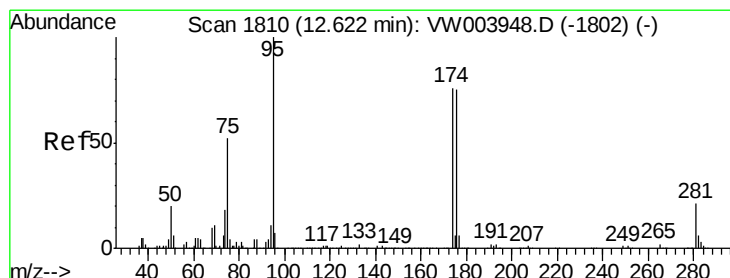
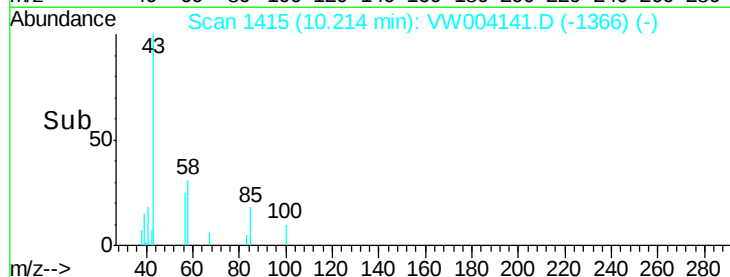
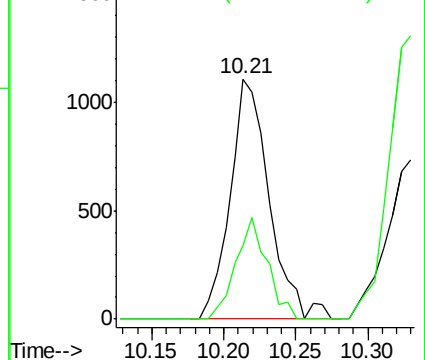
43 100

58 33.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 25.05 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004141.D

Acq: 23 Jul 2018 16:55

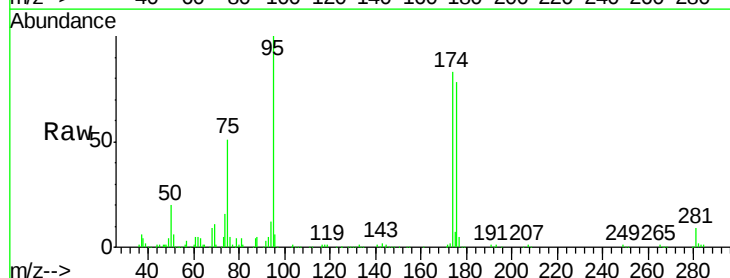
Tgt Ion: 95 Resp: 80078

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

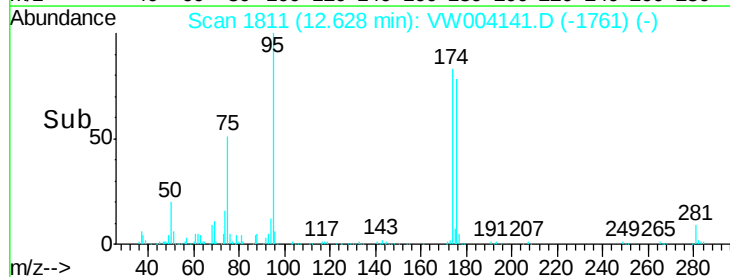
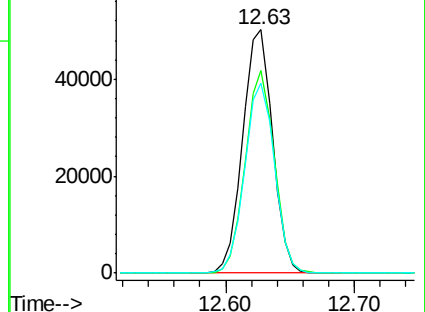
176 78.0 0.0 155.8

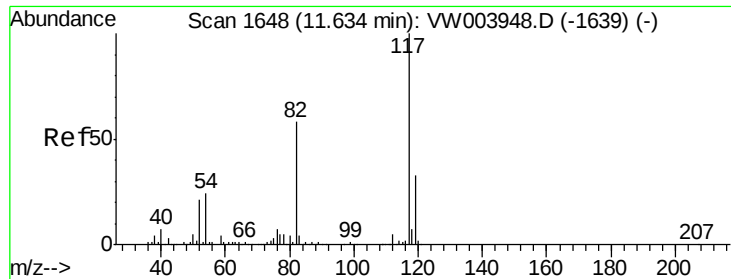


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

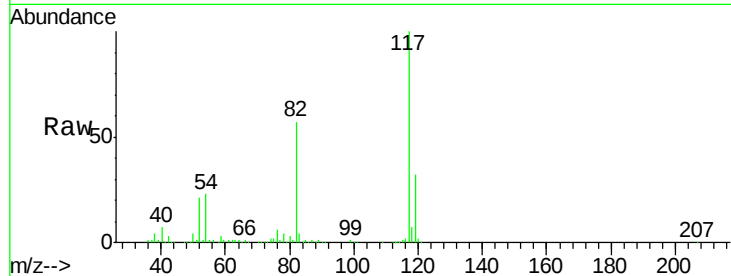




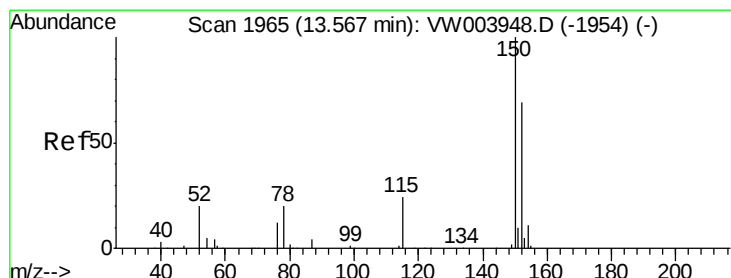
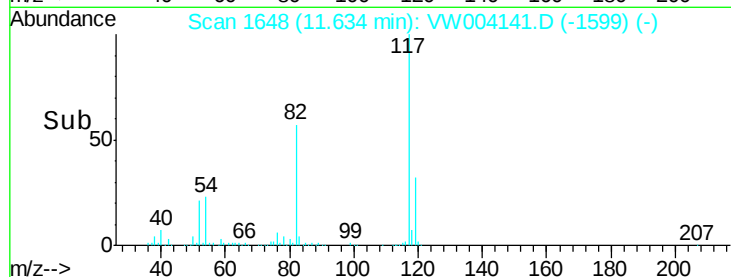
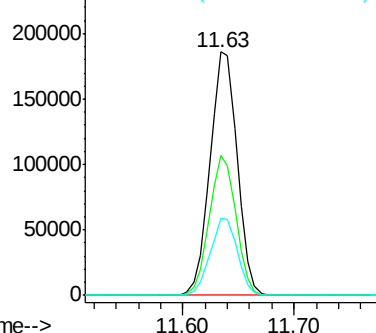
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Instrument :
MSVOA_W
ClientSampleId :
KY030LC015-S-180718

Tot Ion:117 Resp: 314440
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 31.9 26.2 39.2

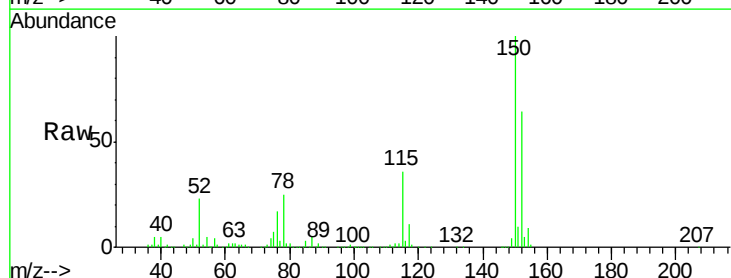


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004141.D
Acq: 23 Jul 2018 16:55

Tgt Ion:152 Resp: 130883
Ion Ratio Lower Upper
152 100
115 57.4 29.2 87.6
150 155.3 0.0 345.2



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

