

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004143.D
 Acq On : 23 Jul 2018 17:47
 Operator : SY/AP
 Sample : J4026-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-S-180716

Quant Time: Jul 24 05:28:08 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	142556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	240453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	79812	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	967	0.61	ug/l	0.00
Spiked Amount			Recovery	=	1.22%	
35) Dibromofluoromethane	7.88	113	1060	0.69	ug/l	0.00
Spiked Amount			Recovery	=	1.38%	
50) Toluene-d8	10.33	98	2715	0.45	ug/l	0.00
Spiked Amount			Recovery	=	0.90%	
62) 4-Bromofluorobenzene	12.63	95	951	0.44	ug/l	0.00
Spiked Amount			Recovery	=	0.88%	

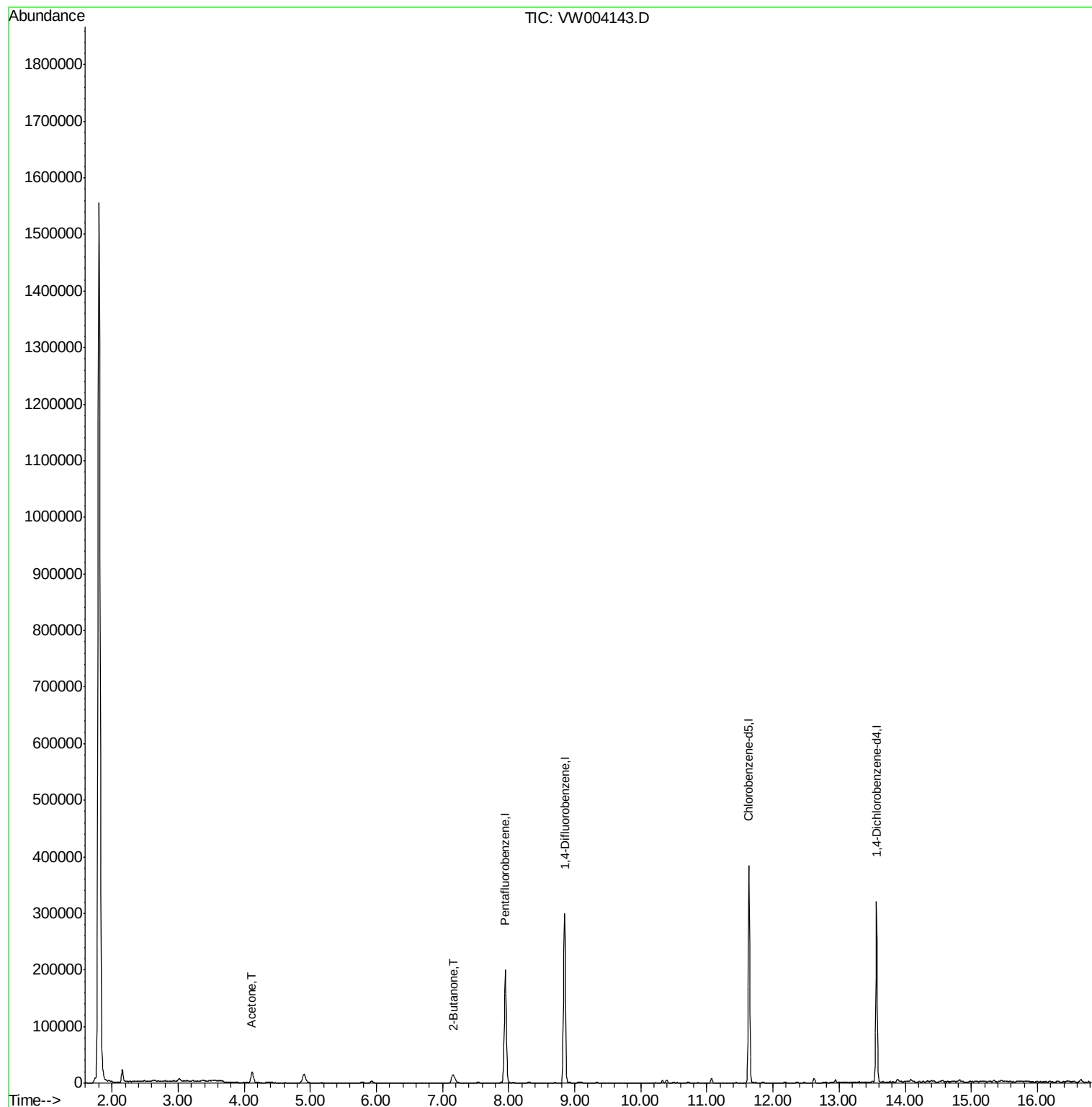
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	33216	86.75	ug/l	98
25) 2-Butanone	7.18	43	10718	20.80	ug/l	99

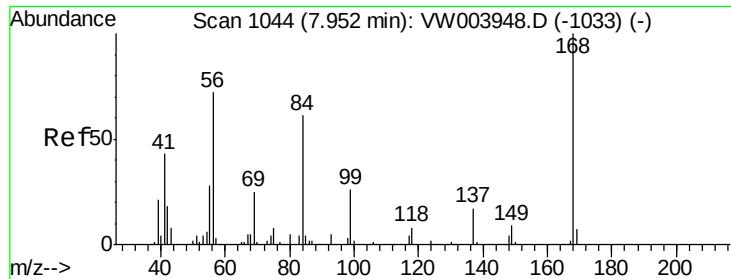
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW004143.D

Acq: 23 Jul 2018 17:47

Instrument :

MSVOA_W

ClientSampleId :

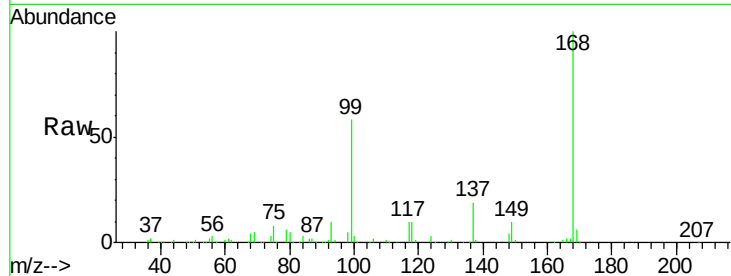
KY030LC068-S-180716

Tot Ion:168 Resp: 142556

Ion Ratio Lower Upper

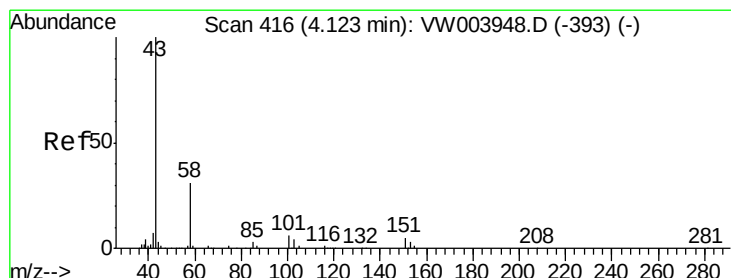
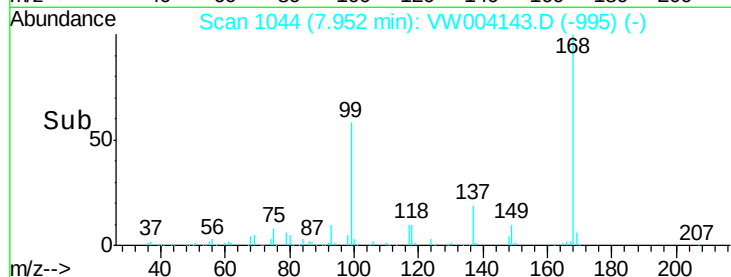
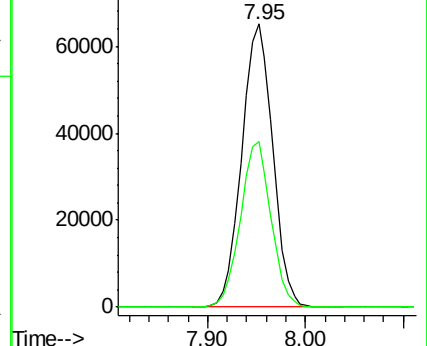
168 100

99 58.4 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: 86.75 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004143.D

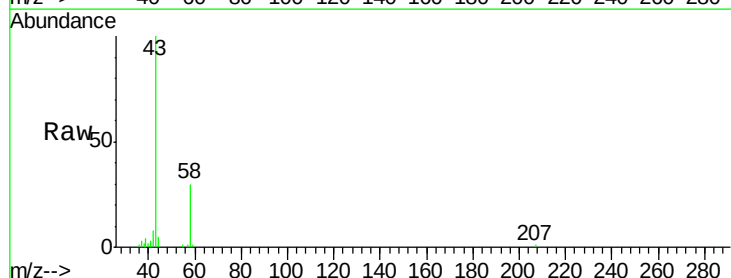
Acq: 23 Jul 2018 17:47

Tgt Ion: 43 Resp: 33216

Ion Ratio Lower Upper

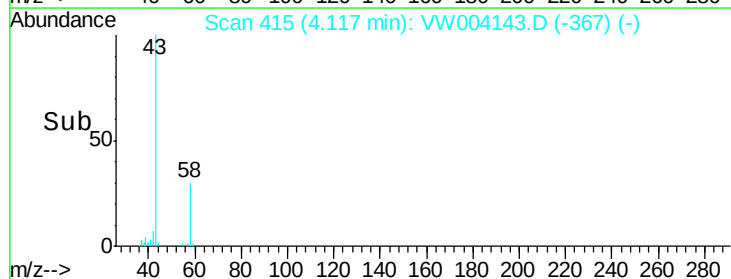
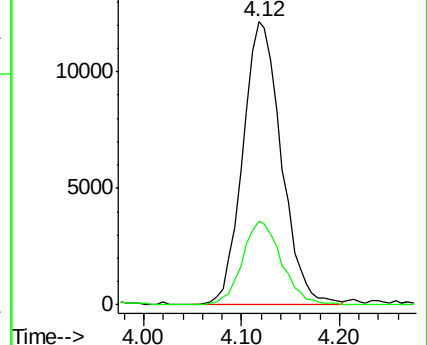
43 100

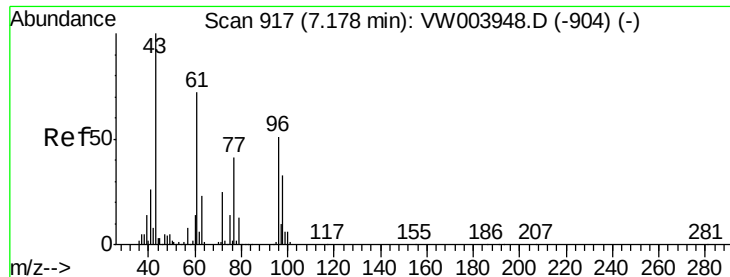
58 29.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 20.80 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

Instrument :

MSVOA_W

ClientSampleId :

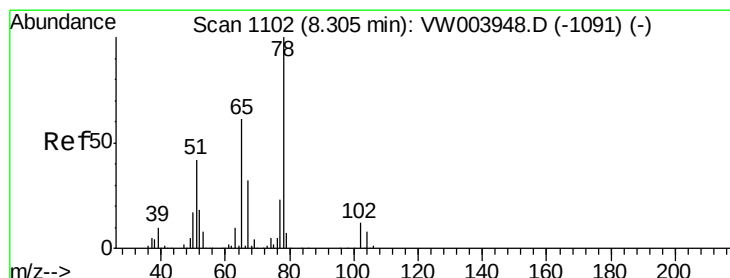
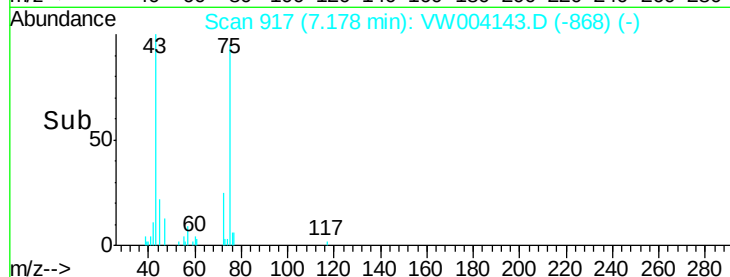
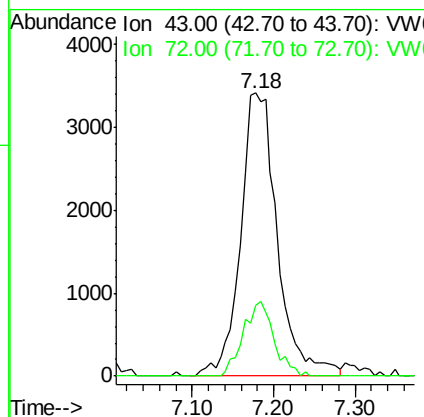
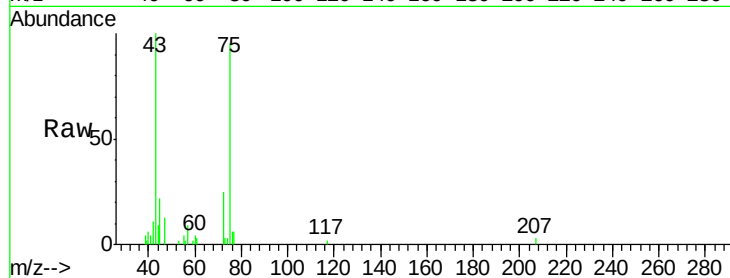
KY030LC068-S-180716

Tot Ion: 43 Resp: 10718

Ion Ratio Lower Upper

43 100

72 25.0 19.8 29.6



#33

1,2-Dichloroethane-d4

Concen: 0.61 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW004143.D

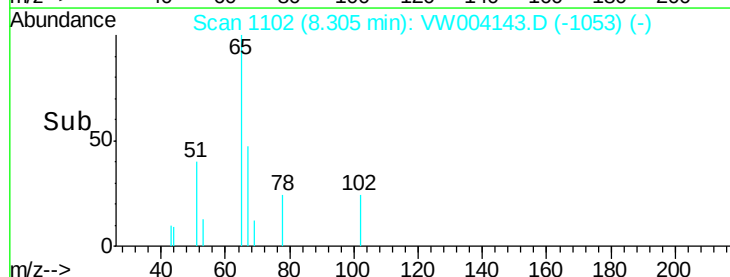
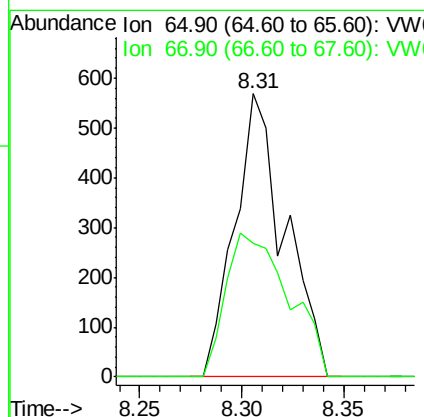
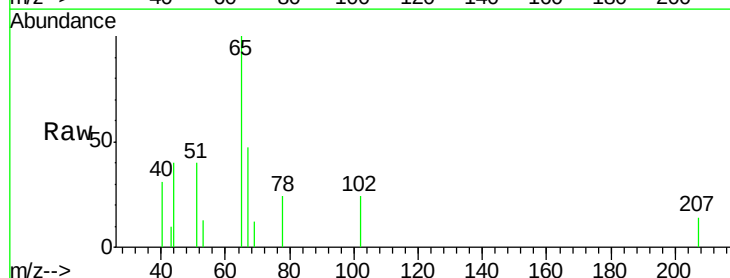
Acq: 23 Jul 2018 17:47

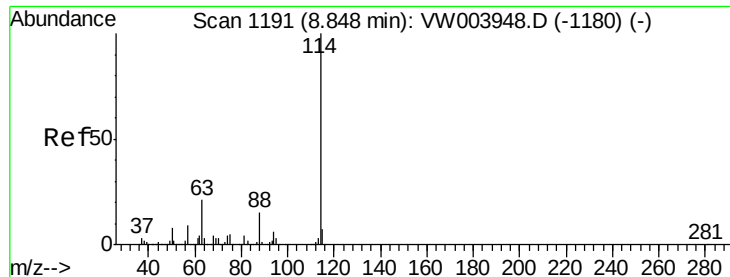
Tgt Ion: 65 Resp: 967

Ion Ratio Lower Upper

65 100

67 64.0 0.0 105.0

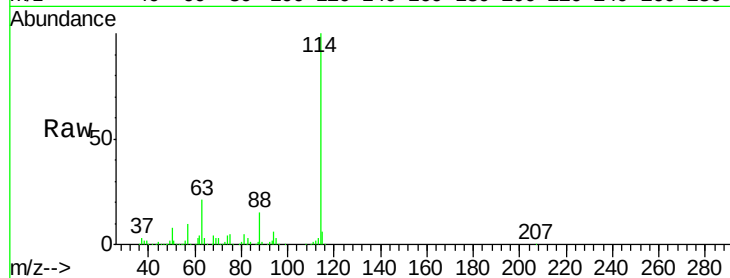




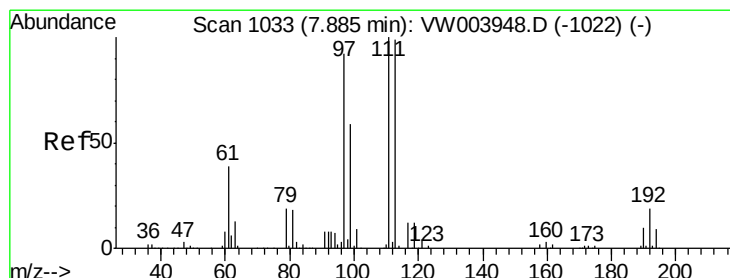
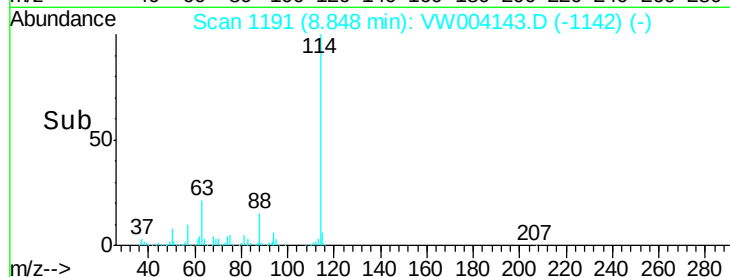
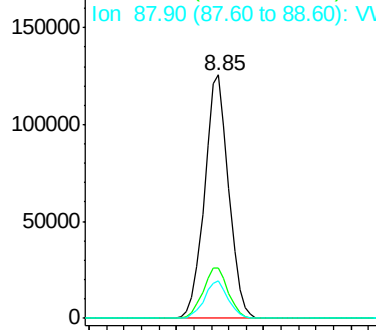
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004143.D
 Acq: 23 Jul 2018 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-S-180716

Tot Ion:114 Resp: 240453
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.3 0.0 30.4

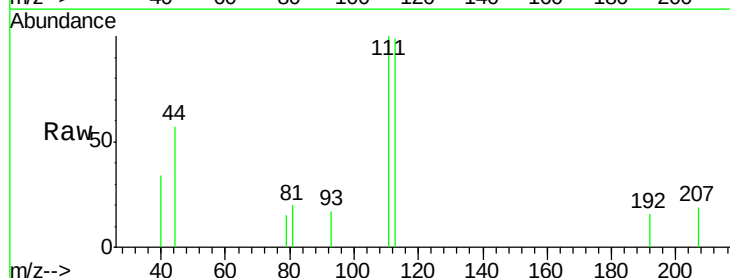


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

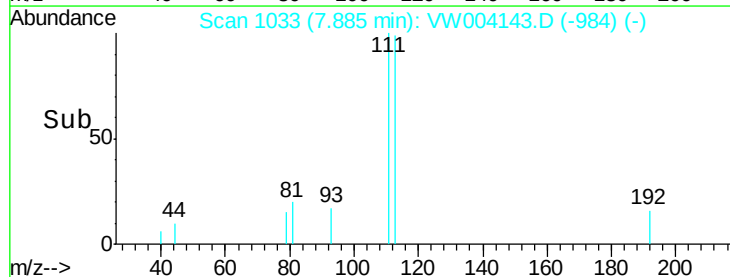
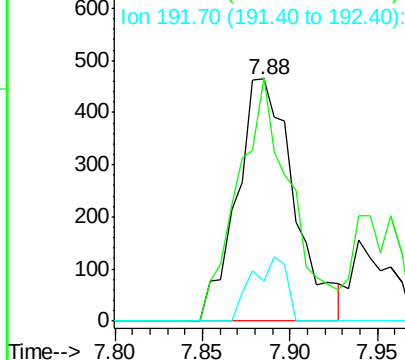


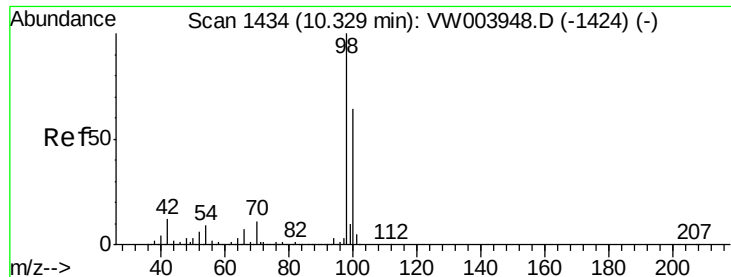
#35
 Dibromofluoromethane
 Concen: 0.69 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004143.D
 Acq: 23 Jul 2018 17:47

Tgt Ion:113 Resp: 1060
 Ion Ratio Lower Upper
 113 100
 111 92.9 81.3 121.9
 192 15.8 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: 0.45 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

Instrument :

MSVOA_W

ClientSampleId :

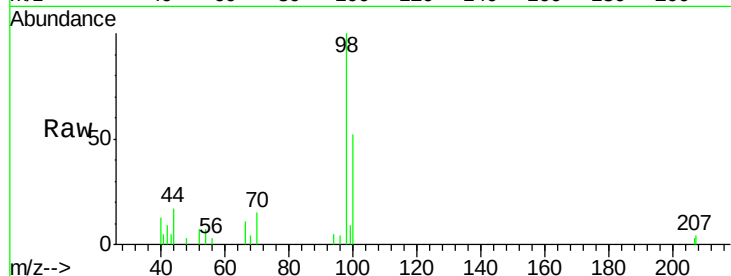
KY030LC068-S-180716

Tot Ion: 98 Resp: 2715

Ion Ratio Lower Upper

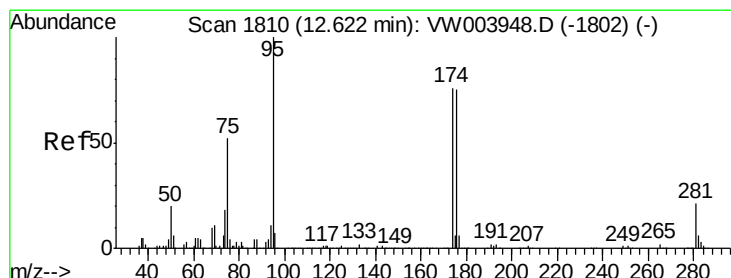
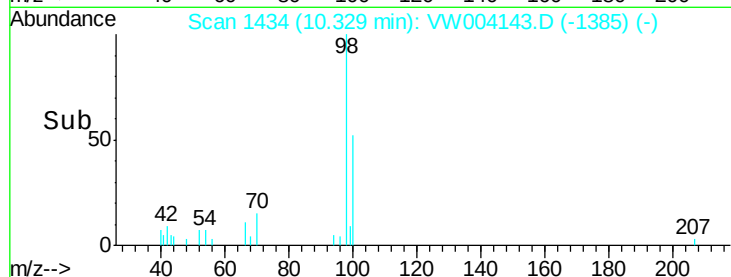
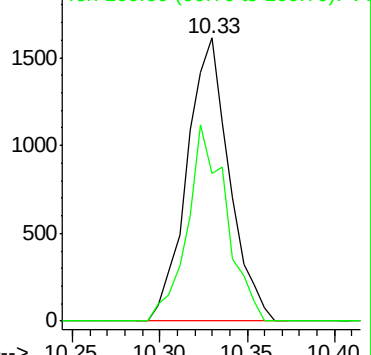
98 100

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



#62

4-Bromofluorobenzene

Concen: 0.44 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

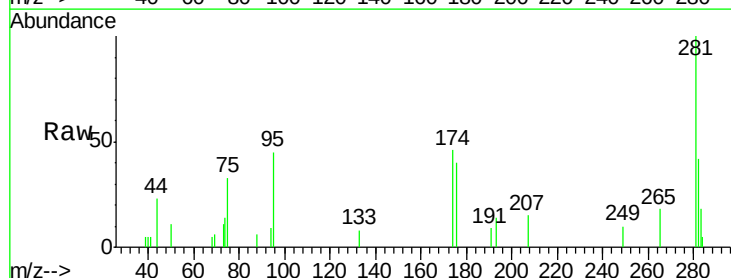
Tgt Ion: 95 Resp: 951

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

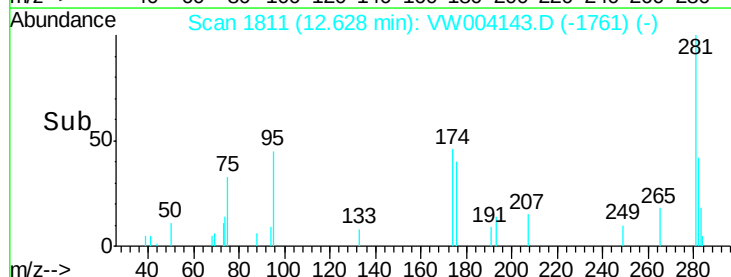
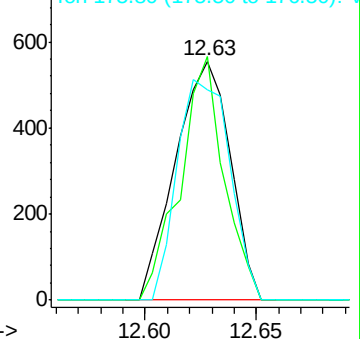
176 88.9 0.0 155.8

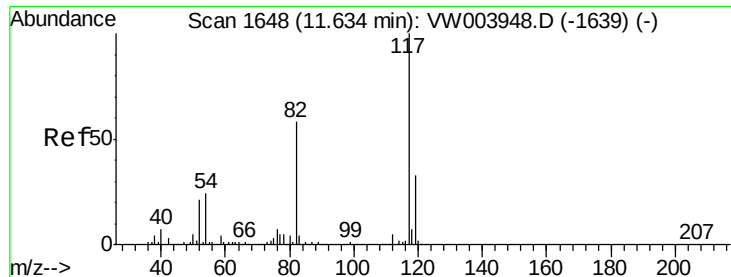


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

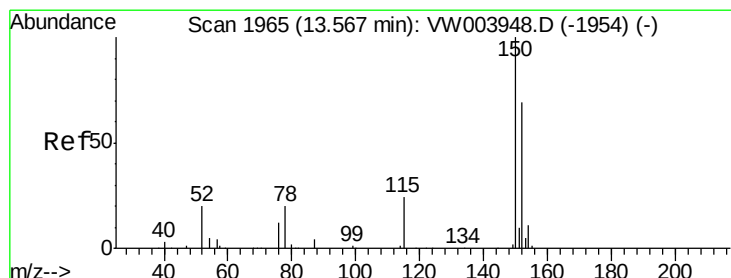
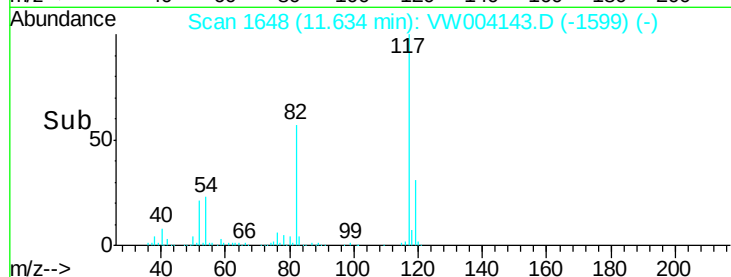
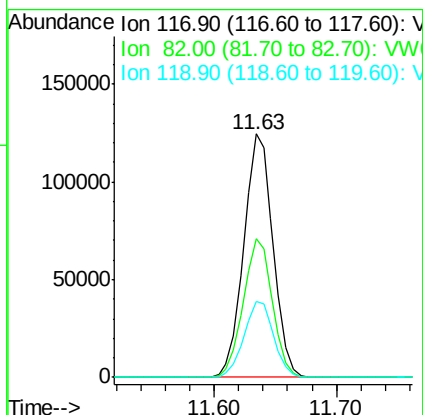
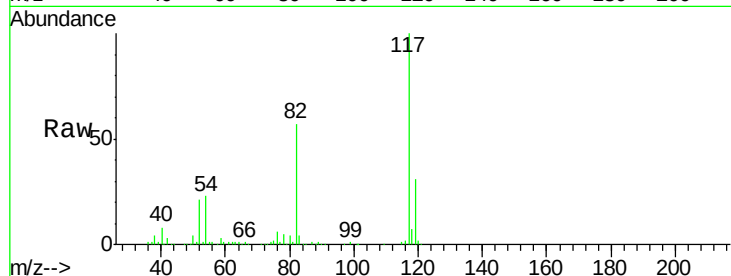




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-S-180716

Tot Ion:117 Resp: 206124
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Tgt Ion:152 Resp: 79812
Ion Ratio Lower Upper
152 100
115 59.6 29.2 87.6
150 156.3 0.0 345.2

