

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003933.D
 Acq On : 13 Jul 2018 23:13
 Operator : VA/AP
 Sample : J3545-02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-3

Quant Time: Jul 14 01:12:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

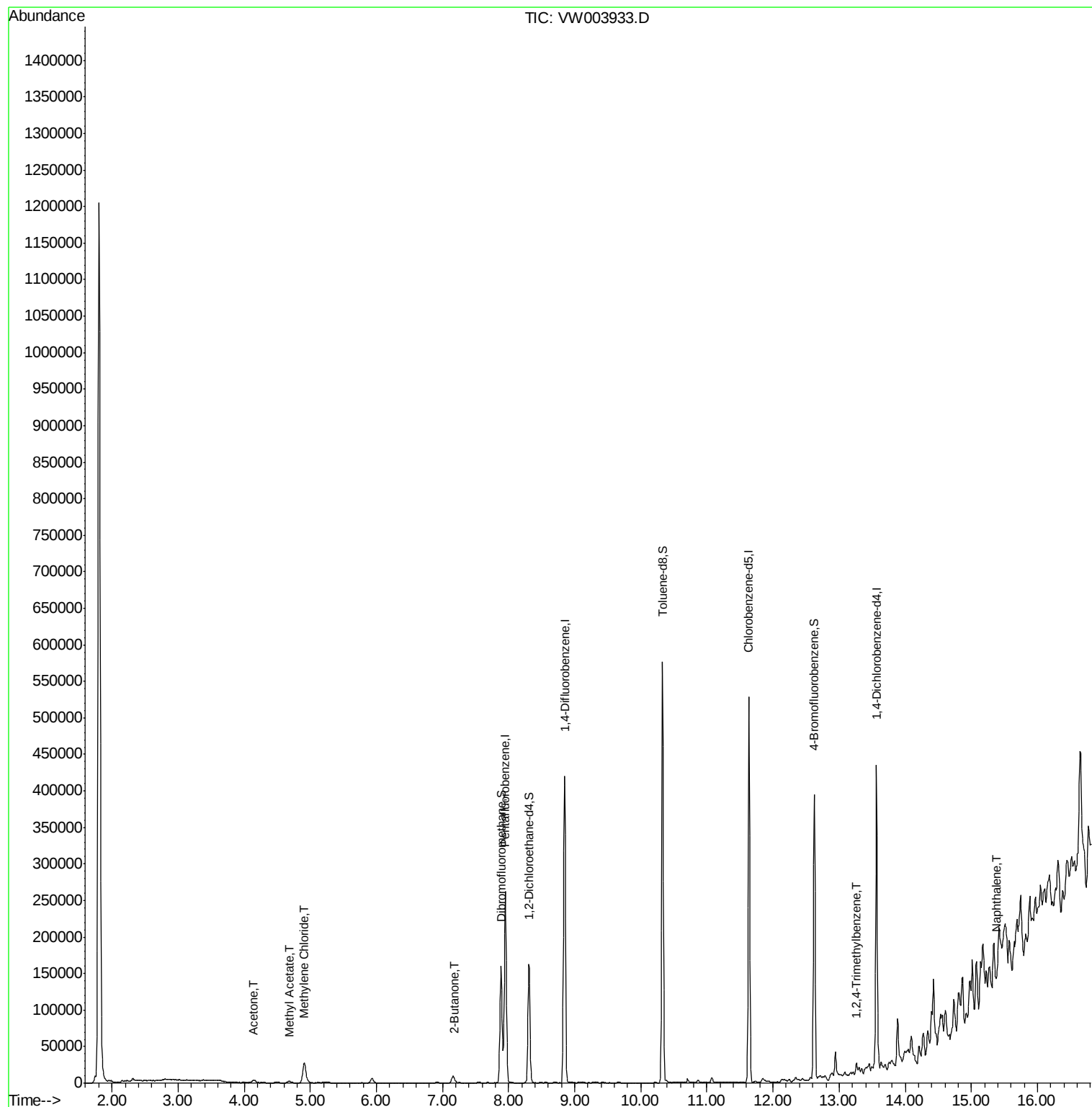
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131378	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.88	113	112452	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.33	98	374003	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
62) 4-Bromofluorobenzene	12.62	95	117030	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.18%	
Target Compounds						
16) Acetone	4.14	43	7961	18.43	ug/l #	88
18) Methyl Acetate	4.68	43	4583	3.76	ug/l	100
20) Methylene Chloride	4.92	84	22181	6.74	ug/l	94
25) 2-Butanone	7.18	43	2410	3.56	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.26	105	7498	1.15	ug/l	95
95) Naphthalene	15.38	128	17707	4.45	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003933.D

Acq: 13 Jul 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

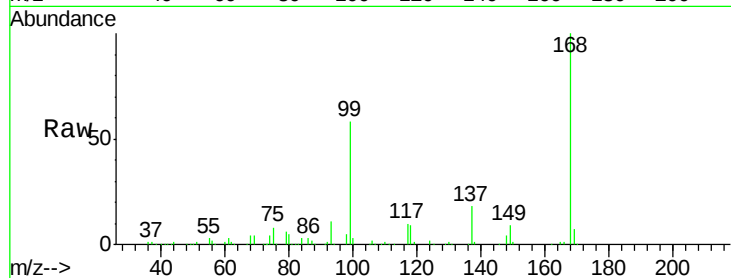
DRUM-3

Tot Ion:168 Resp: 190428

Ion Ratio Lower Upper

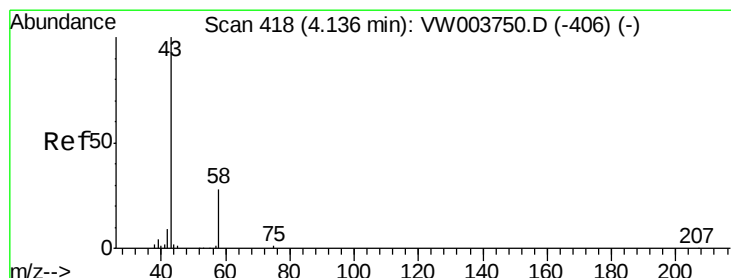
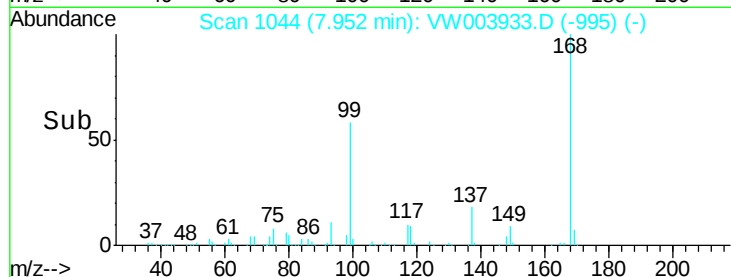
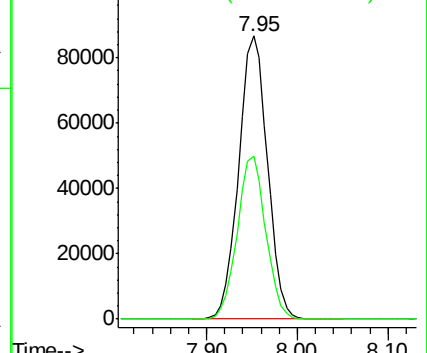
168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 18.43 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003933.D

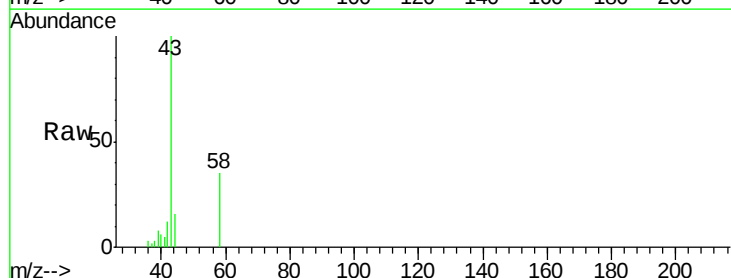
Acq: 13 Jul 2018 23:13

Tgt Ion: 43 Resp: 7961

Ion Ratio Lower Upper

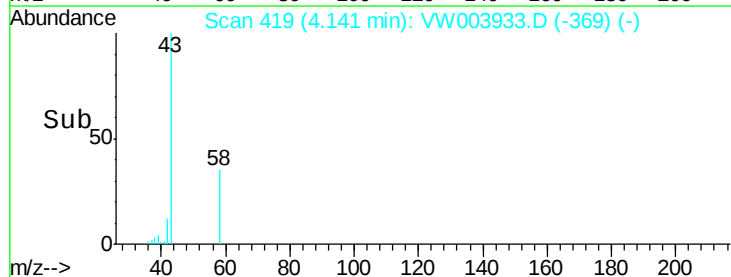
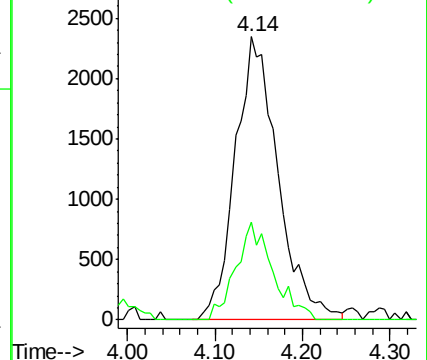
43 100

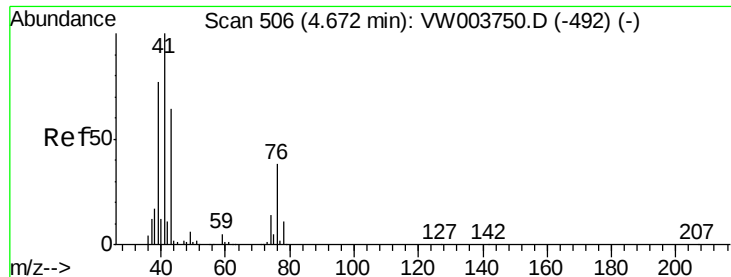
58 34.6 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

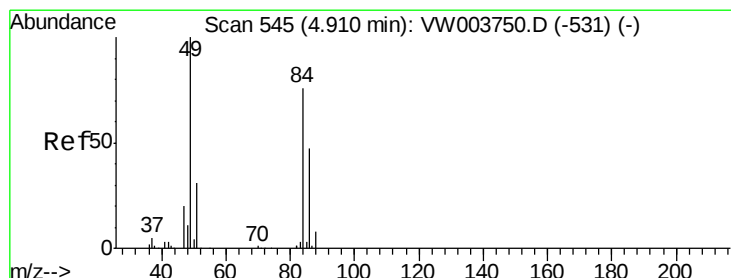
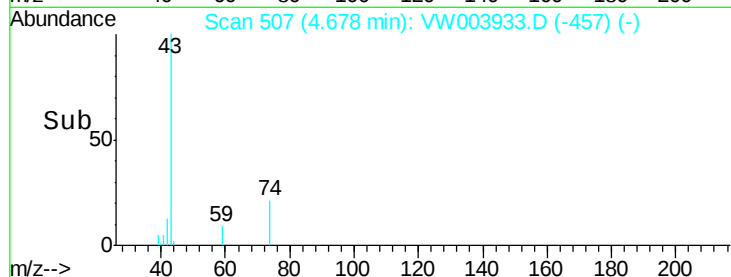
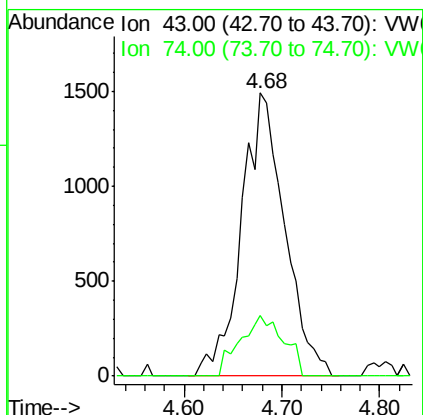
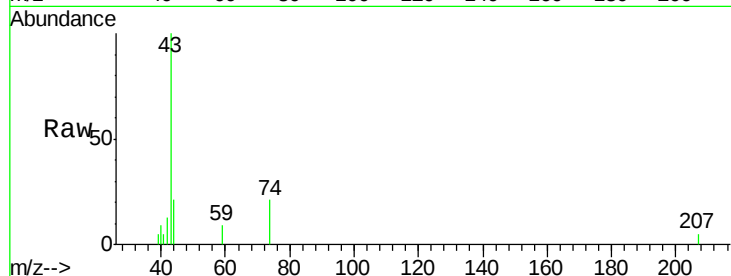




#18
Methvl Acetate
Concen: 3.76 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003933.D
Acq: 13 Jul 2018 23:13

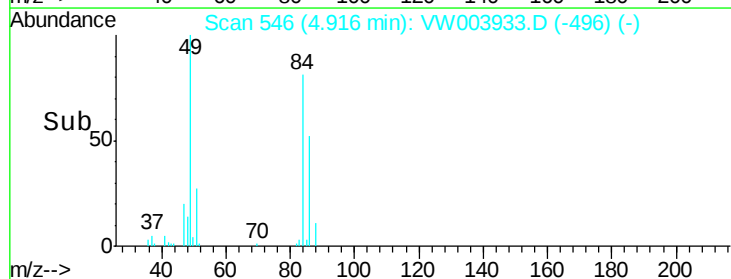
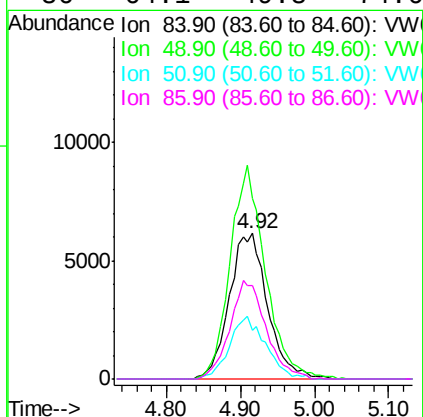
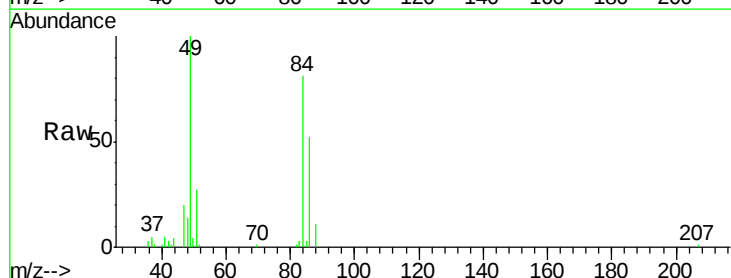
Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

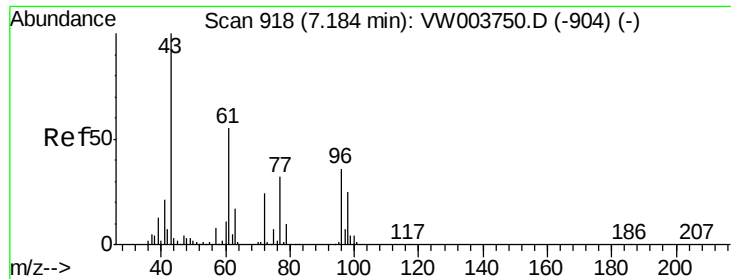
Tot Ion: 43 Resp: 4583
Ion Ratio Lower Upper
43 100
74 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 6.74 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003933.D
Acq: 13 Jul 2018 23:13

Tgt Ion: 84 Resp: 22181
Ion Ratio Lower Upper
84 100
49 124.1 105.1 157.7
51 33.8 32.5 48.7
86 64.1 49.8 74.6





#25

2-Butanone

Concen: 3.56 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003933.D

Acq: 13 Jul 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

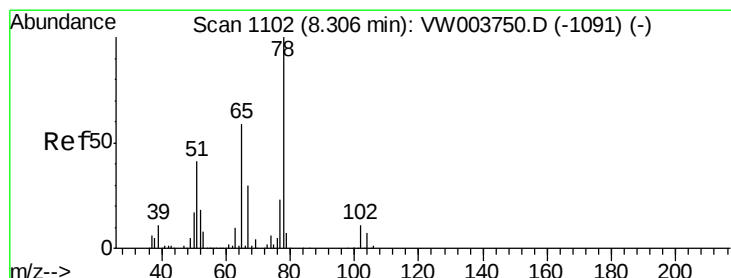
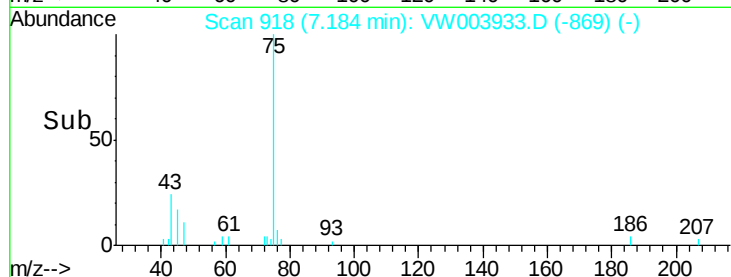
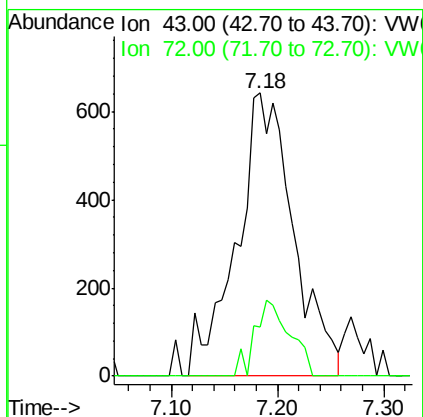
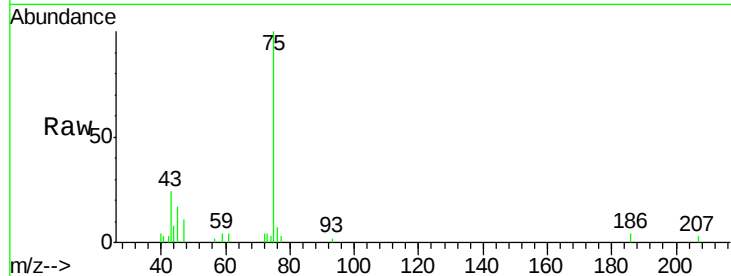
DRUM-3

Tot Ion: 43 Resp: 2410

Ion Ratio Lower Upper

43 100

72 17.6 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 52.76 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003933.D

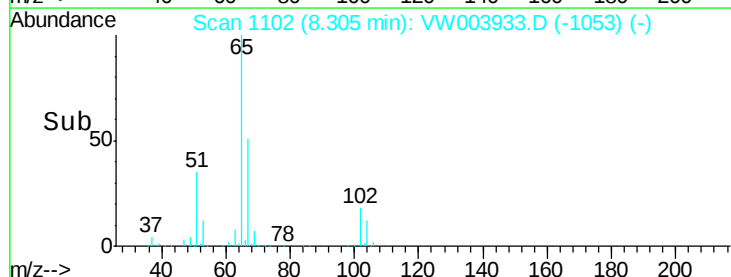
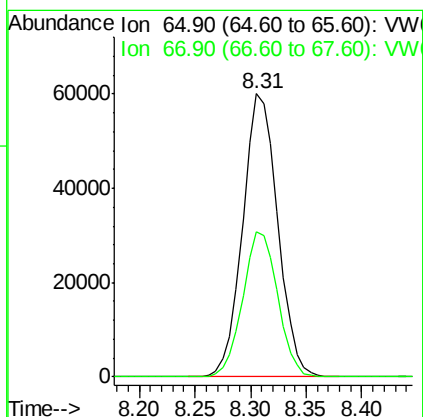
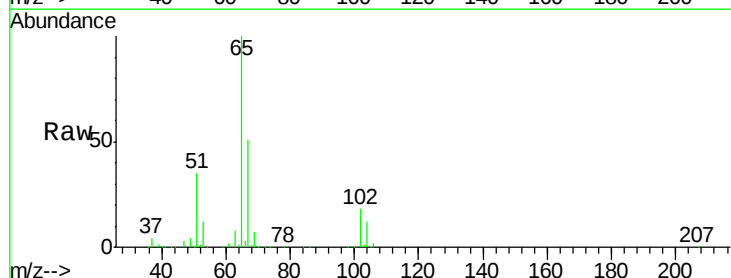
Acq: 13 Jul 2018 23:13

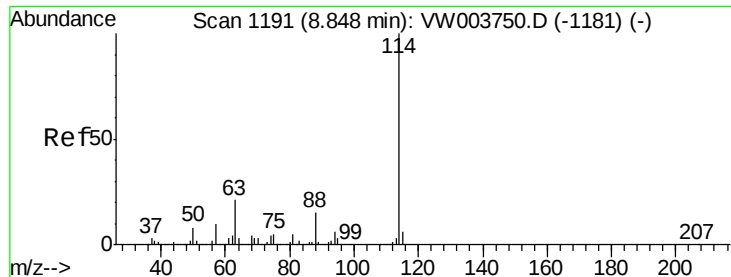
Tgt Ion: 65 Resp: 131378

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003933.D

Acq: 13 Jul 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

DRUM-3

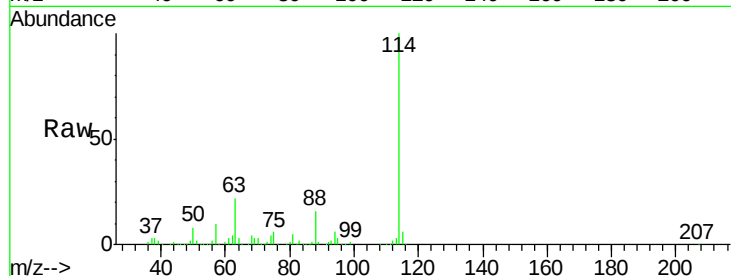
Tot Ion:114 Resp: 339512

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

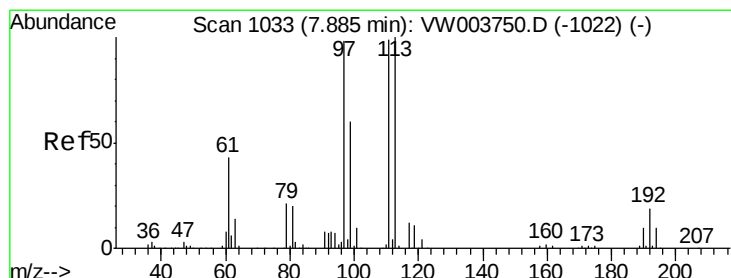
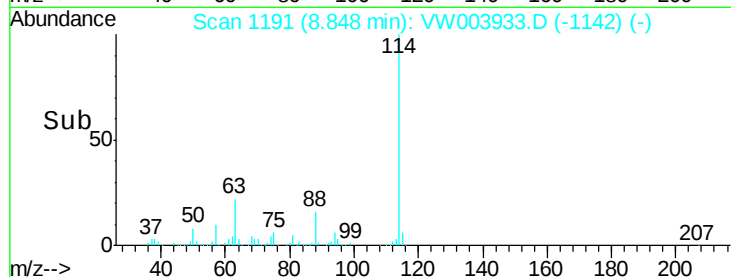
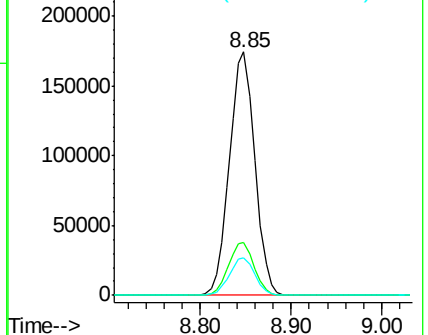
88 15.6 0.0 30.2



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: 47.32 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003933.D

Acq: 13 Jul 2018 23:13

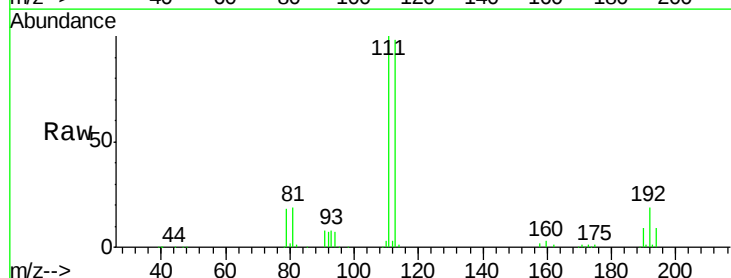
Tgt Ion:113 Resp: 112452

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

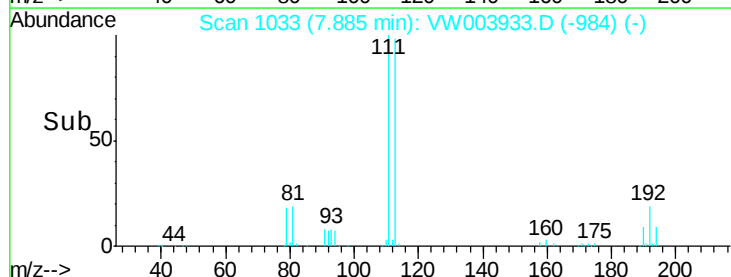
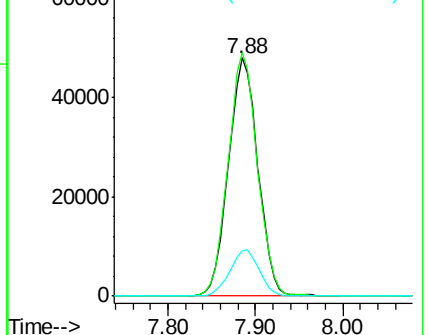
192 19.6 15.8 23.8

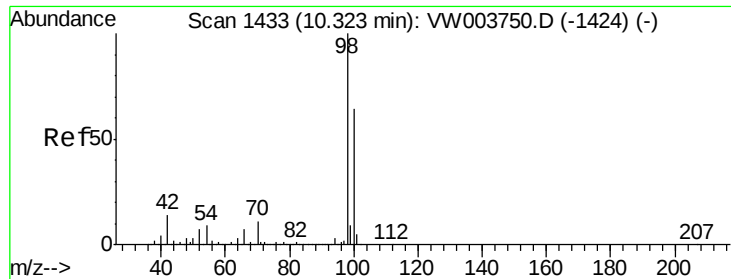


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.15 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003933.D

Acq: 13 Jul 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

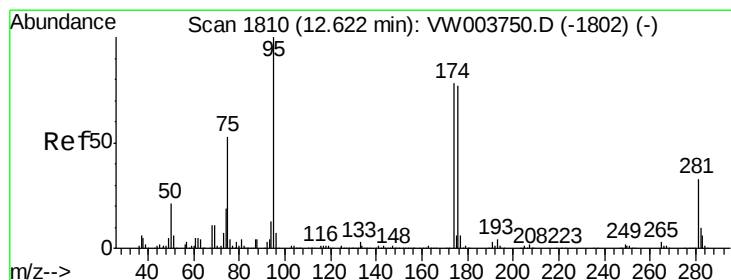
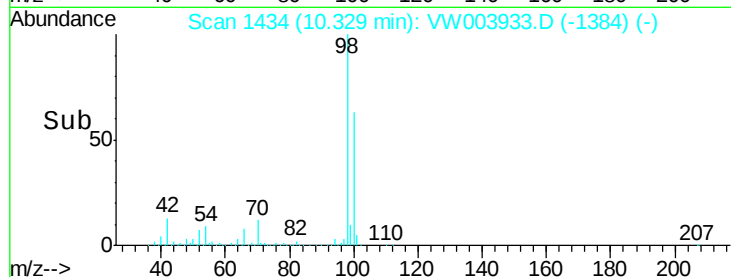
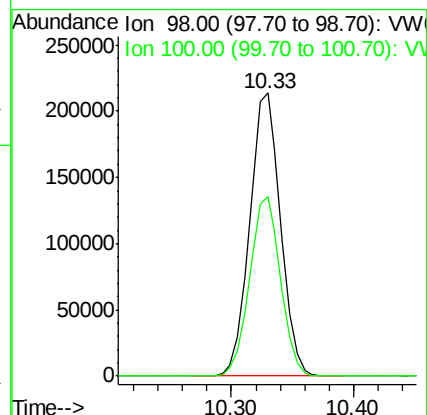
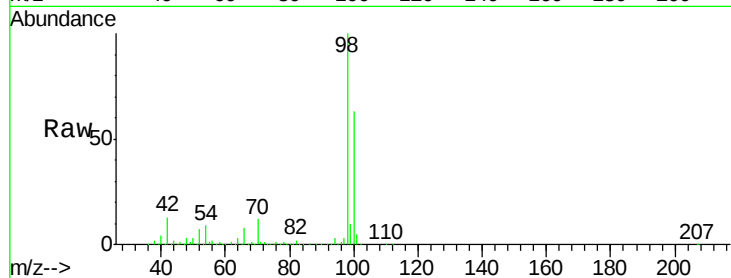
DRUM-3

Tot Ion: 98 Resp: 374003

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 35.59 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003933.D

Acq: 13 Jul 2018 23:13

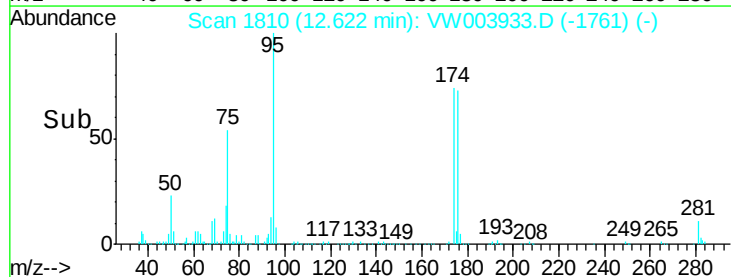
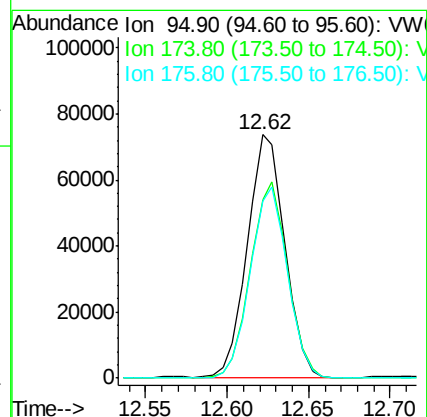
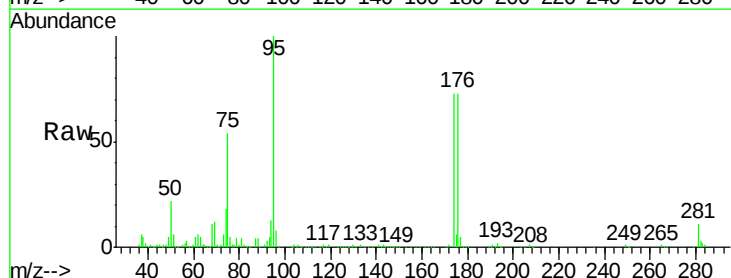
Tgt Ion: 95 Resp: 117030

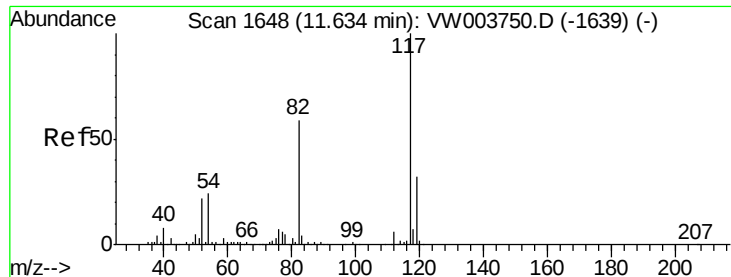
Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.4

176 78.5 0.0 156.8

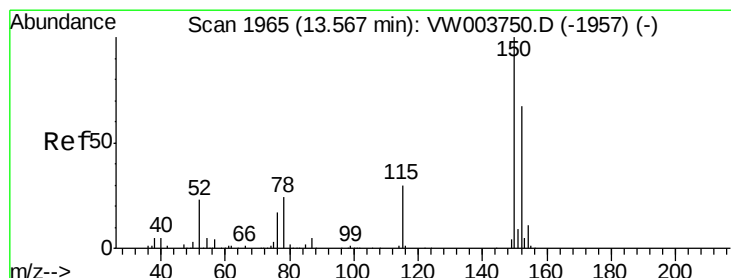
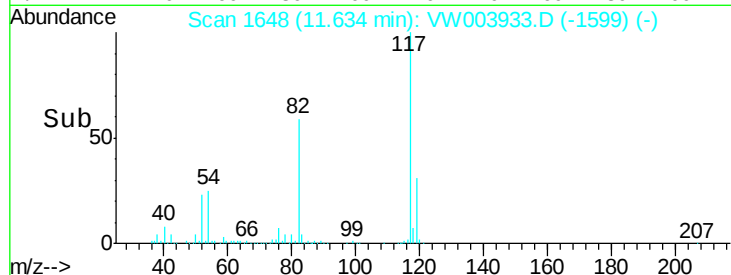
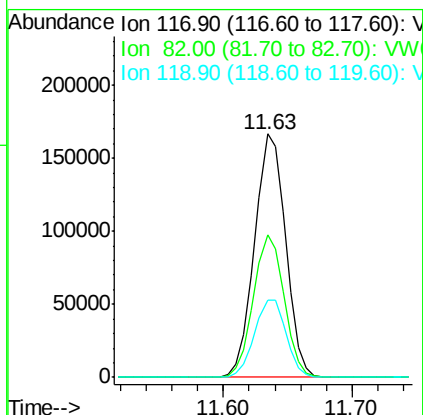
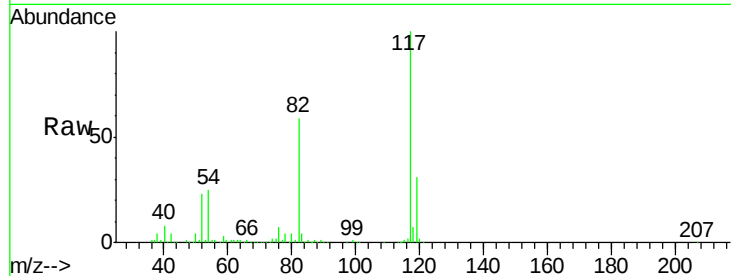




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003933.D
Acq: 13 Jul 2018 23:13

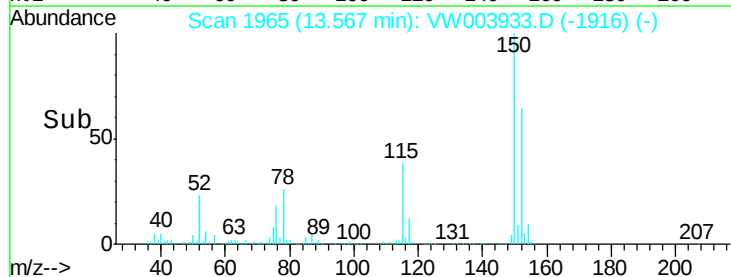
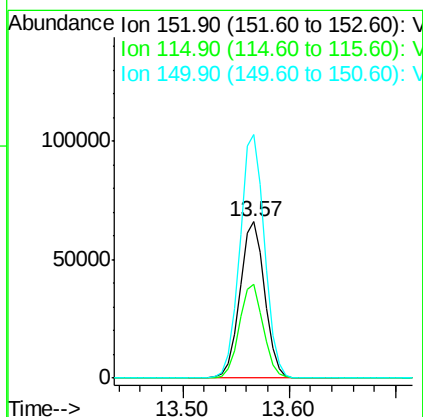
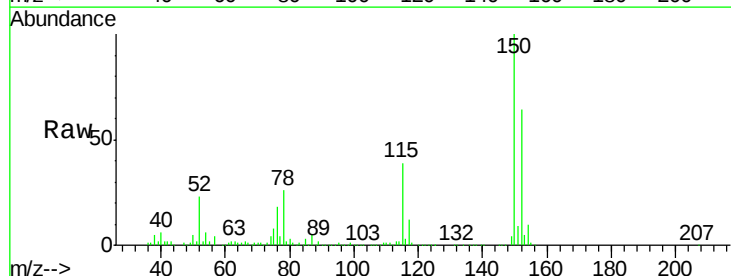
Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

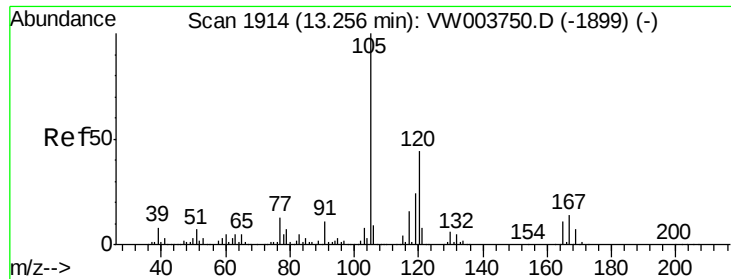
Tot Ion:117 Resp: 277052
Ion Ratio Lower Upper
117 100
82 58.5 46.9 70.3
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003933.D
Acq: 13 Jul 2018 23:13

Tgt Ion:152 Resp: 107205
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 155.9 0.0 342.4

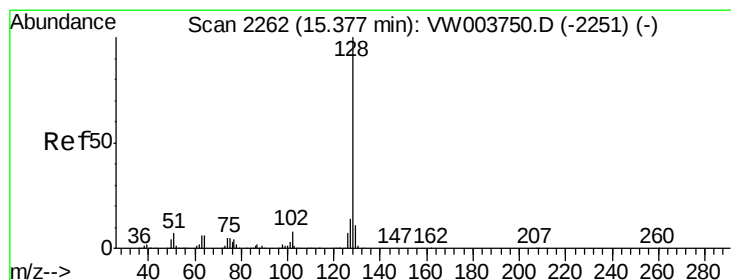
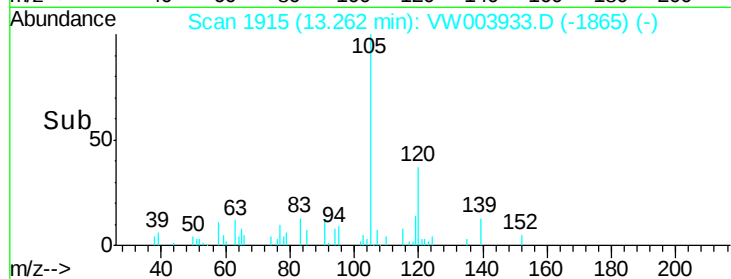
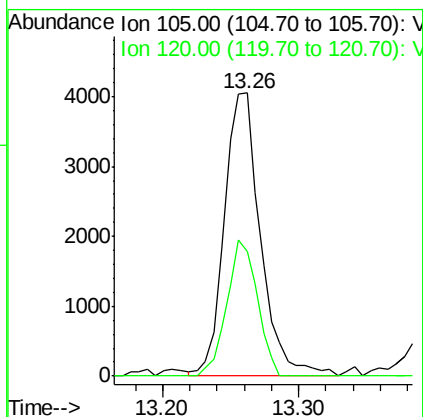
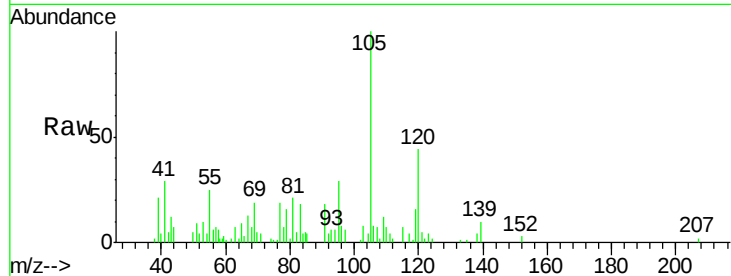




#84
1,2,4-Trimethylbenzene
Concen: 1.15 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW003933.D
Acq: 13 Jul 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
DRUM-3

Tot Ion:105 Resp: 7498
Ion Ratio Lower Upper
105 100
120 40.5 22.0 66.0



#95
Naphthalene
Concen: 4.45 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003933.D
Acq: 13 Jul 2018 23:13

Tgt Ion:128 Resp: 17707
Ion Ratio Lower Upper
128 100
127 19.5 10.8 16.2#
129 12.3 8.6 13.0

