

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003935.D
 Acq On : 14 Jul 2018 00:04
 Operator : VA/AP
 Sample : J3821-01
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-A

Quant Time: Jul 14 01:23:47 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	197051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	113749	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	132711	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
35) Dibromofluoromethane	7.88	113	70846	29.12	ug/l	0.00
Spiked Amount			Recovery	=	58.24%	
50) Toluene-d8	10.33	98	396977	42.66	ug/l	0.00
Spiked Amount			Recovery	=	85.32%	
62) 4-Bromofluorobenzene	12.62	95	124454	36.96	ug/l	0.00
Spiked Amount			Recovery	=	73.92%	

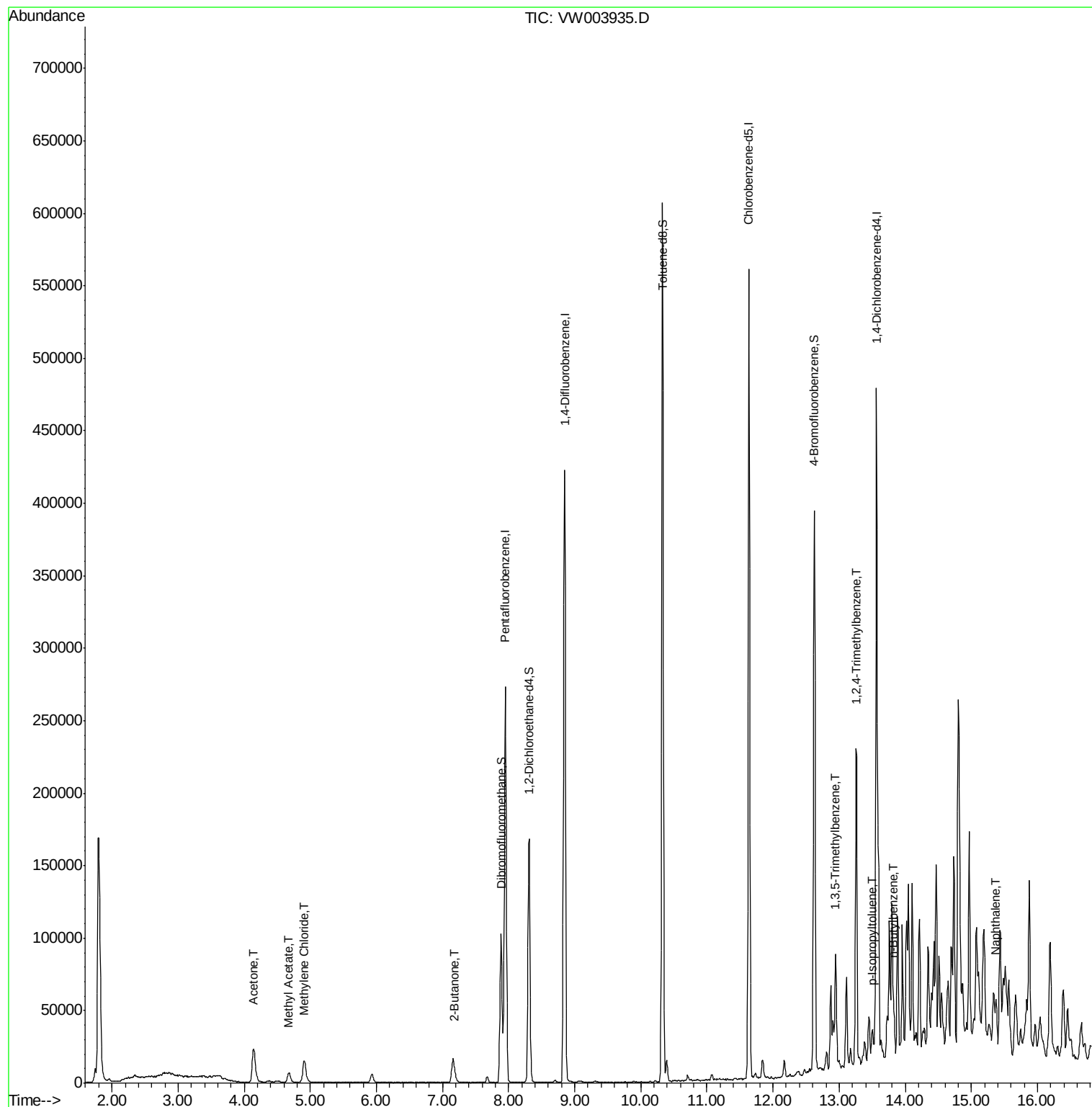
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	48947	109.48	ug/l	99
18) Methyl Acetate	4.67	43	14227	11.29	ug/l	98
20) Methylene Chloride	4.92	84	12522	1.49	ug/l	96
25) 2-Butanone	7.18	43	6205	8.86	ug/l #	87
80) 1,3,5-Trimethylbenzene	12.95	105	27917	4.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	118414	17.17	ug/l	98
86) p-Isopropyltoluene	13.51	119	7639	1.07	ug/l	90
89) n-Butylbenzene	13.83	91	14993	2.13	ug/l #	80
95) Naphthalene	15.38	128	18475	4.38	ug/l #	95

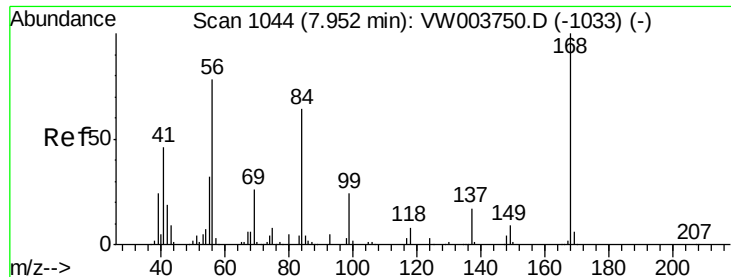
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
Data File : VW003935.D
Acq On : 14 Jul 2018 00:04
Operator : VA/AP
Sample : J3821-01
Misc : 5.76G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-A

Quant Time: Jul 14 01:23:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 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: VW003935.D

Acq: 14 Jul 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

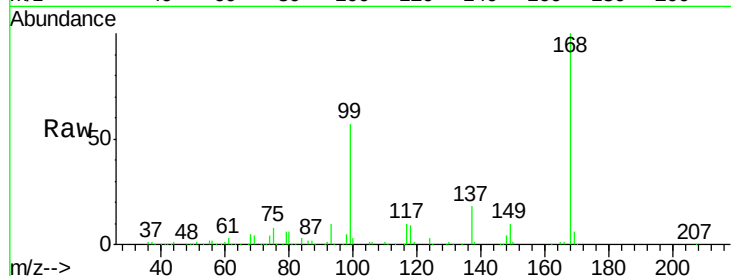
HR-05-071218-A

Tot Ion:168 Resp: 197051

Ion Ratio Lower Upper

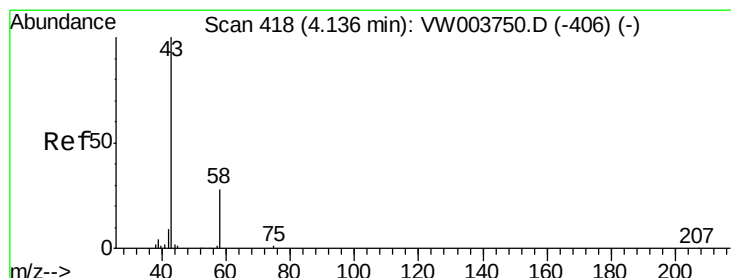
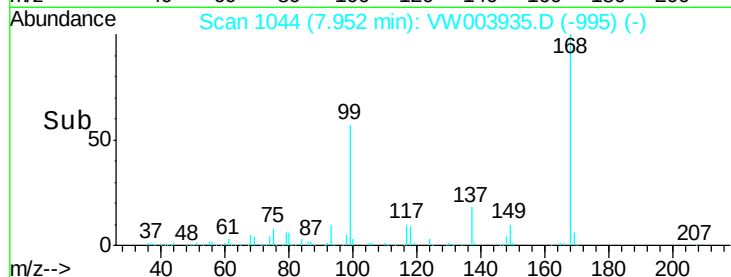
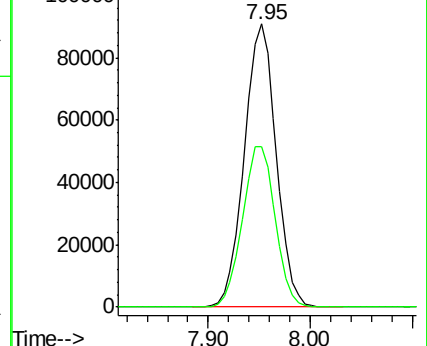
168 100

99 56.8 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: 109.48 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003935.D

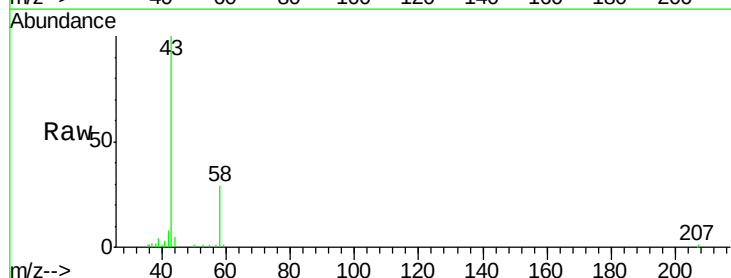
Acq: 14 Jul 2018 00:04

Tgt Ion: 43 Resp: 48947

Ion Ratio Lower Upper

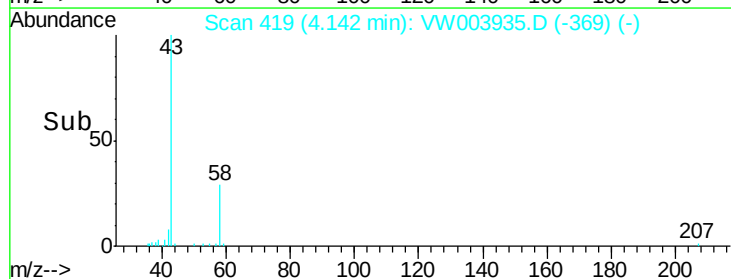
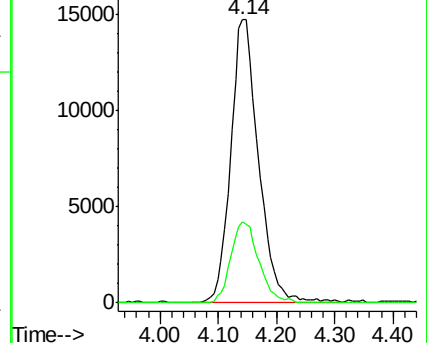
43 100

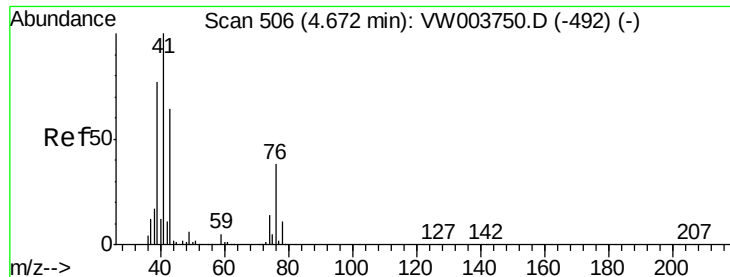
58 28.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

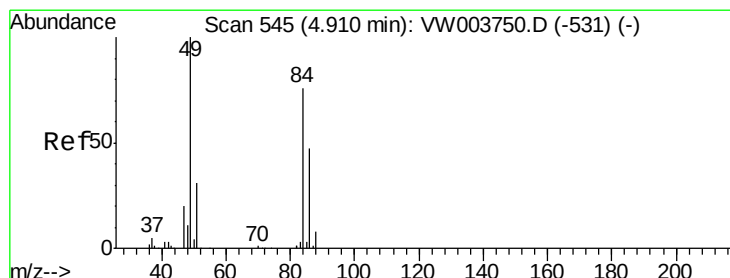
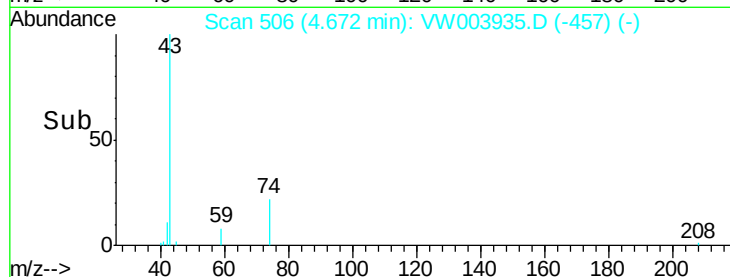
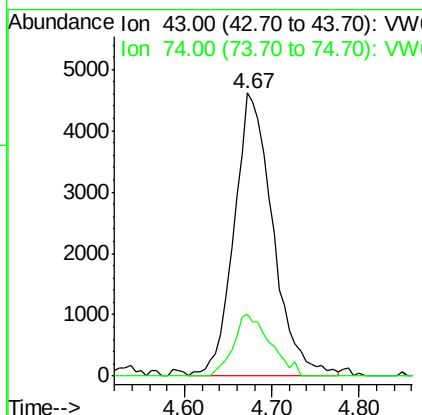
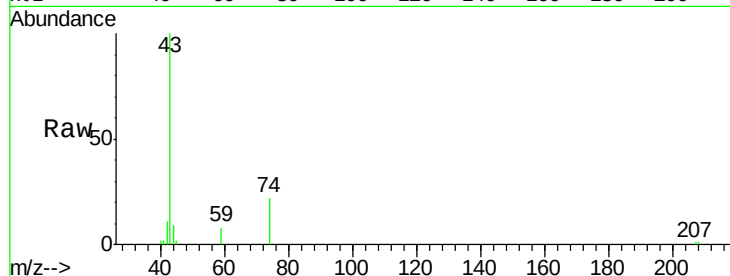




#18
Methvl Acetate
Concen: 11.29 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003935.D
Acq: 14 Jul 2018 00:04

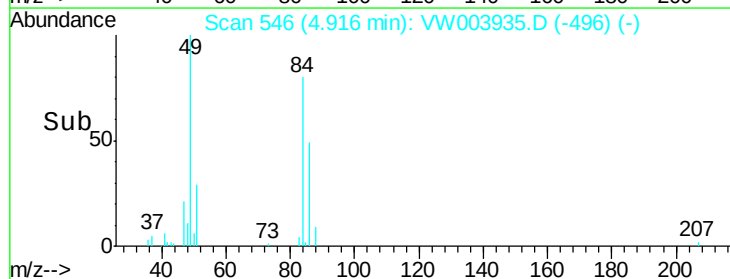
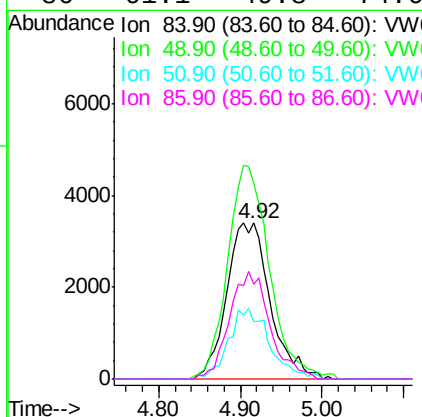
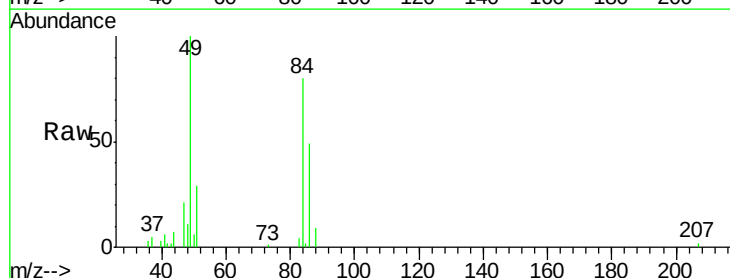
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-A

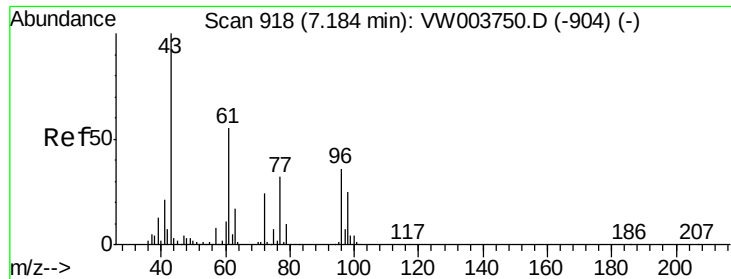
Tot Ion: 43 Resp: 14227
Ion Ratio Lower Upper
43 100
74 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 1.49 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003935.D
Acq: 14 Jul 2018 00:04

Tgt Ion: 84 Resp: 12522
Ion Ratio Lower Upper
84 100
49 125.3 105.1 157.7
51 36.6 32.5 48.7
86 61.1 49.8 74.6





#25

2-Butanone

Concen: 8.86 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003935.D

Acq: 14 Jul 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

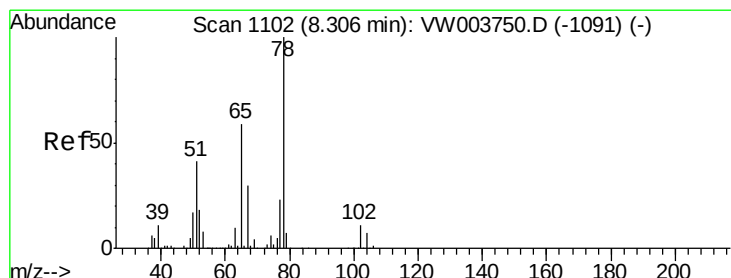
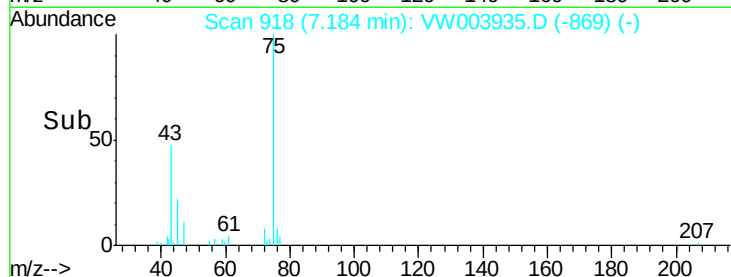
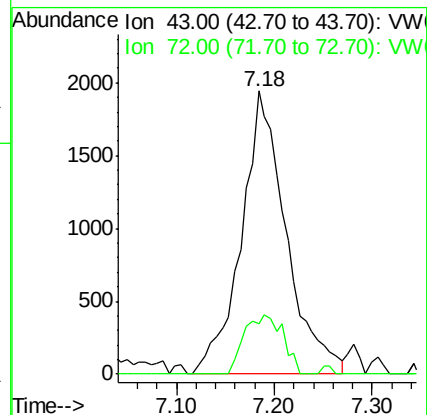
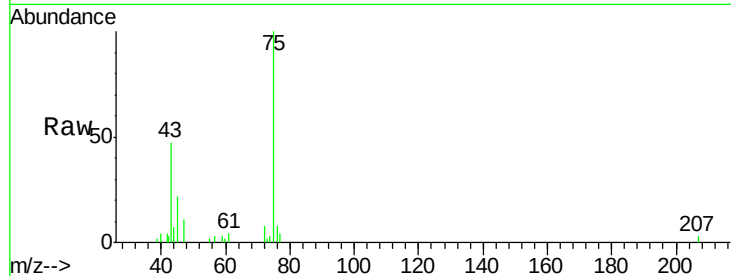
HR-05-071218-A

Tot Ion: 43 Resp: 6205

Ion Ratio Lower Upper

43 100

72 17.8 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 51.50 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003935.D

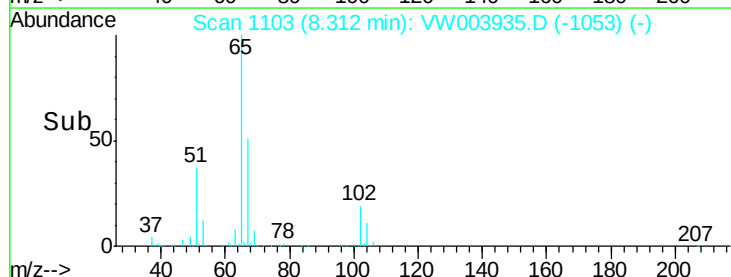
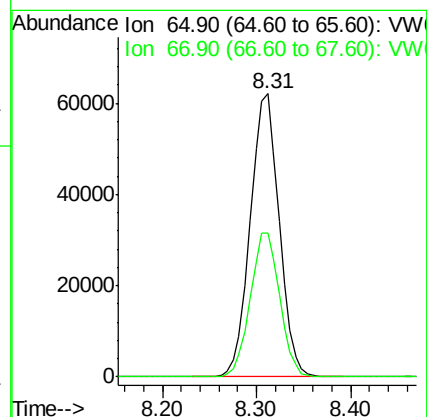
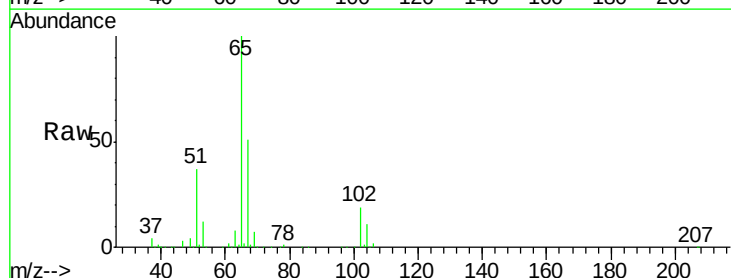
Acq: 14 Jul 2018 00:04

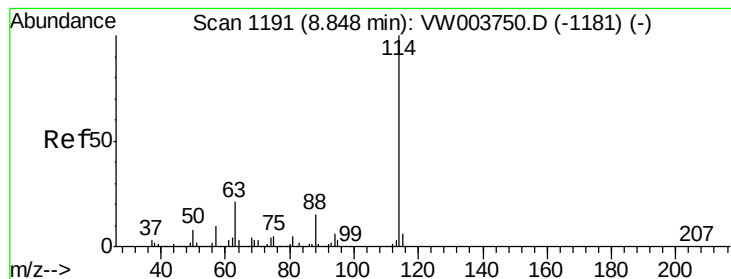
Tgt Ion: 65 Resp: 132711

Ion Ratio Lower Upper

65 100

67 51.8 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: VW003935.D

Acq: 14 Jul 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-A

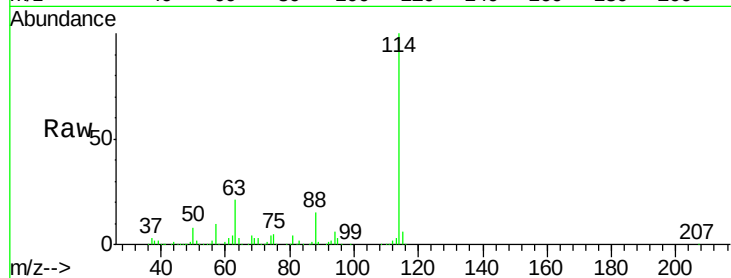
Tot Ion:114 Resp: 347581

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.8

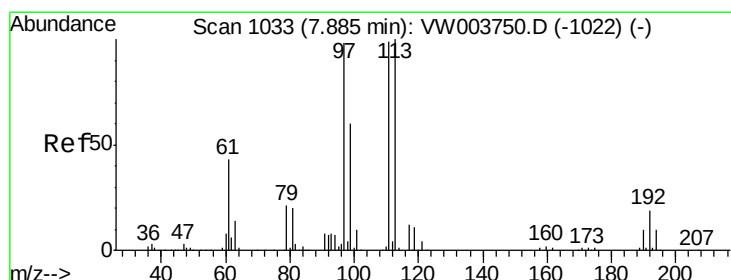
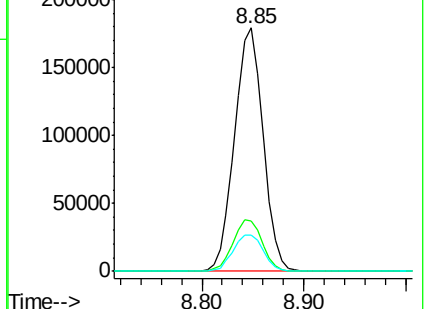
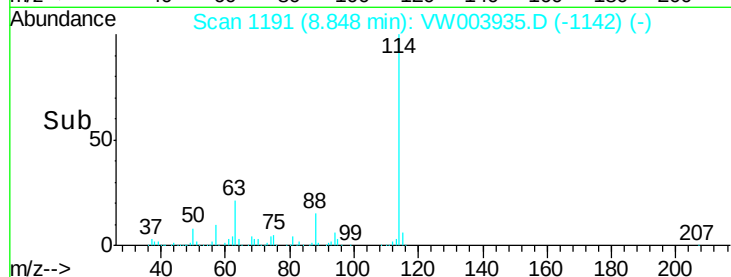
88 15.1 0.0 30.2



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: 29.12 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003935.D

Acq: 14 Jul 2018 00:04

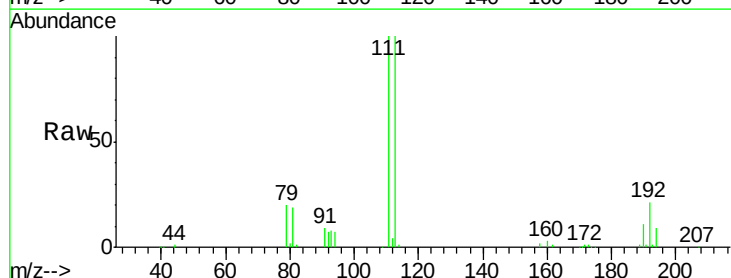
Tgt Ion:113 Resp: 70846

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

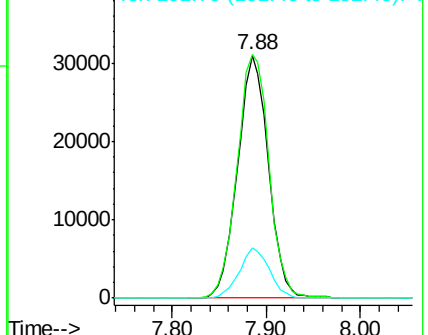
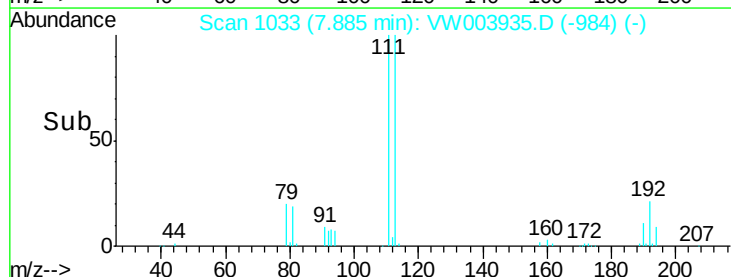
192 20.2 15.8 23.8

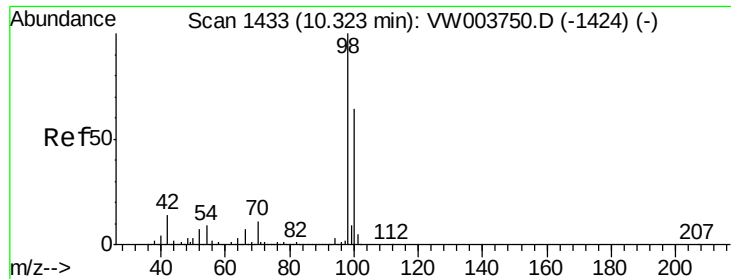


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.66 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003935.D

Acq: 14 Jul 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

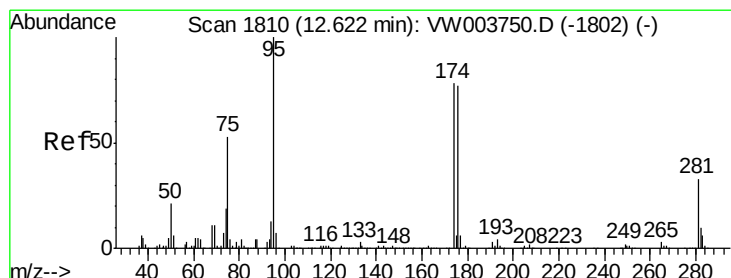
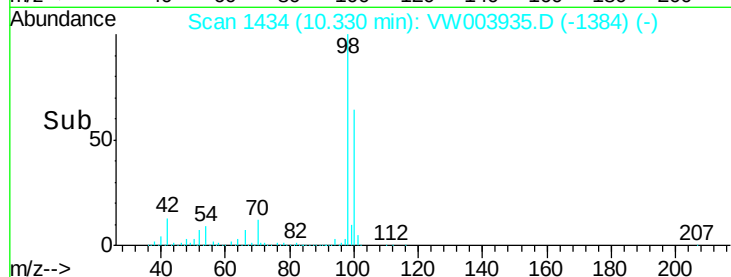
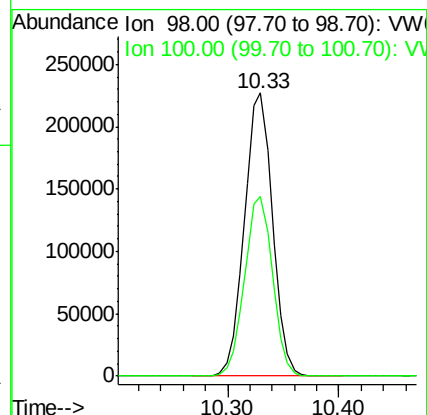
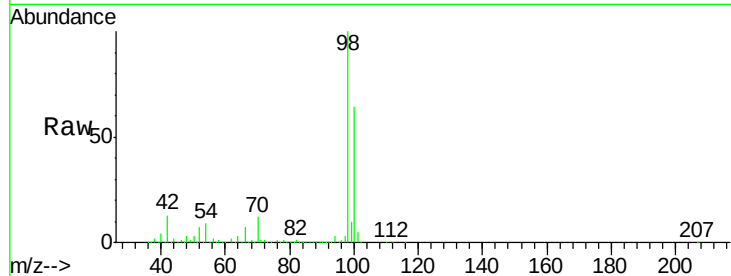
HR-05-071218-A

Tot Ion: 98 Resp: 396977

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 36.96 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003935.D

Acq: 14 Jul 2018 00:04

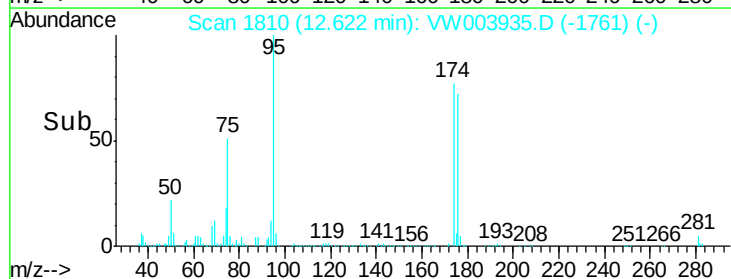
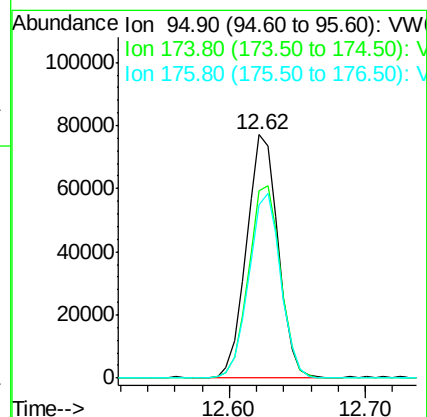
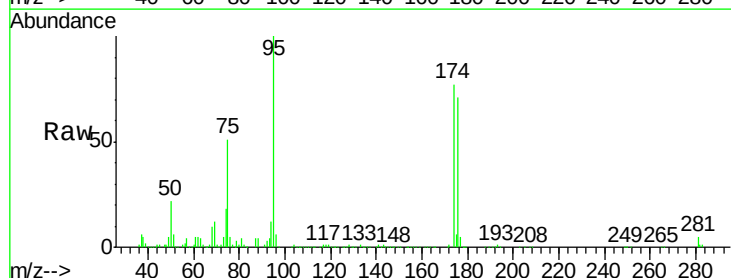
Tgt Ion: 95 Resp: 124454

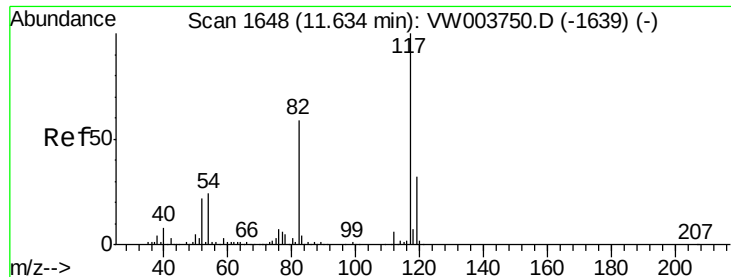
Ion Ratio Lower Upper

95 100

174 80.9 0.0 163.4

176 77.0 0.0 156.8

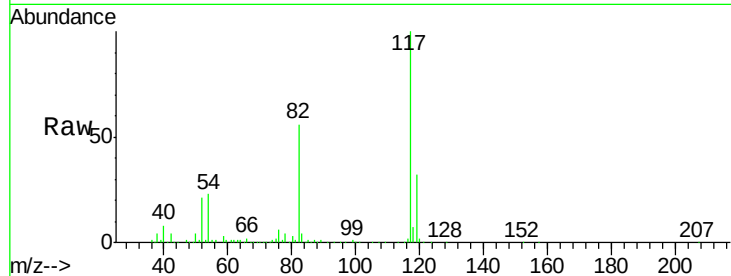




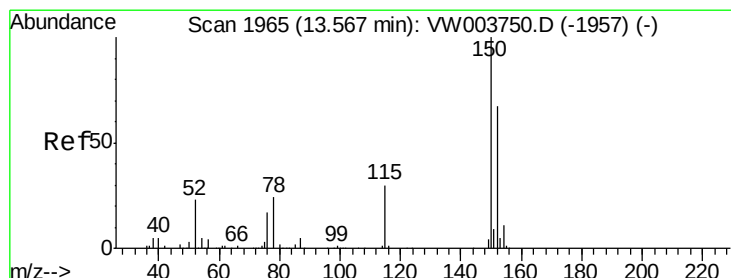
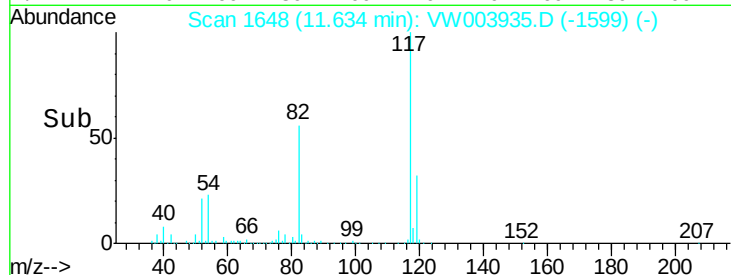
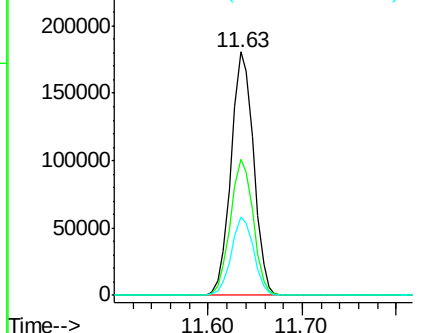
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003935.D
Acq: 14 Jul 2018 00:04

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.9	70.3
119	32.2	25.5	38.3

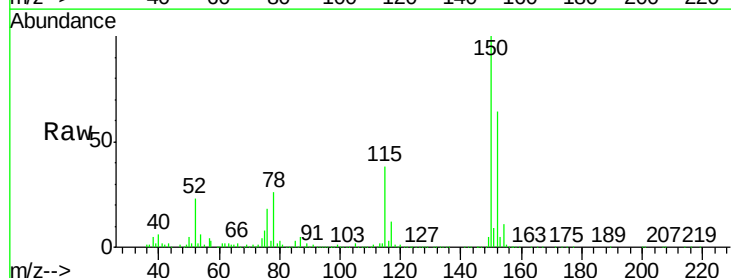


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

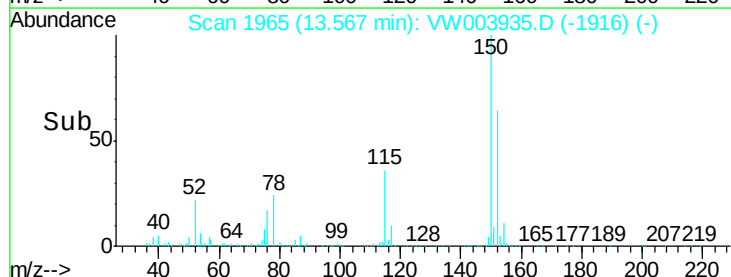
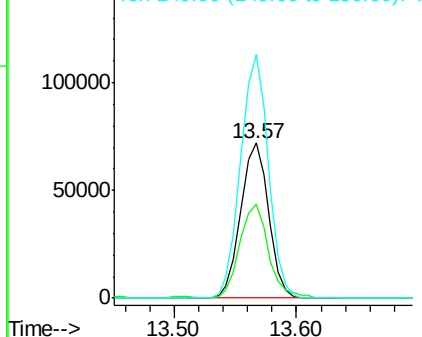


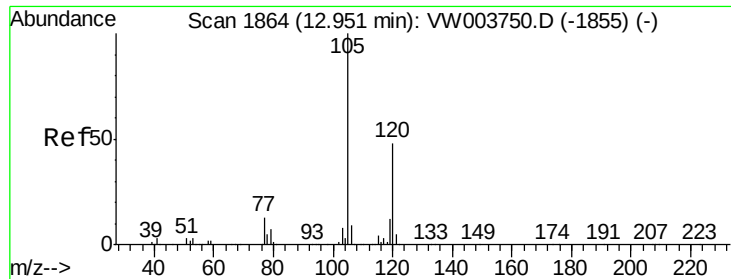
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003935.D
Acq: 14 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.9	86.8
150	156.6	0.0	342.4



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

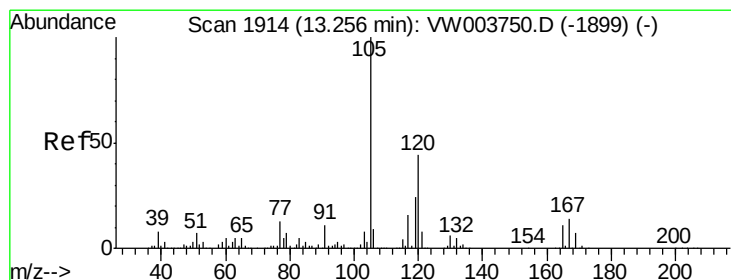
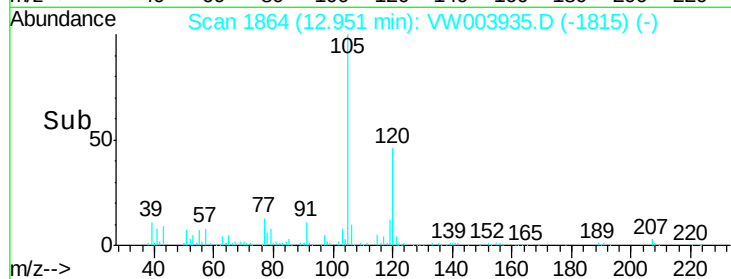
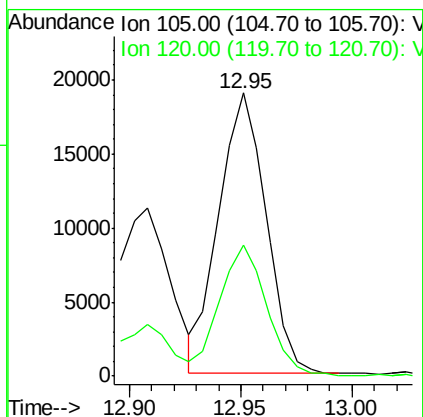
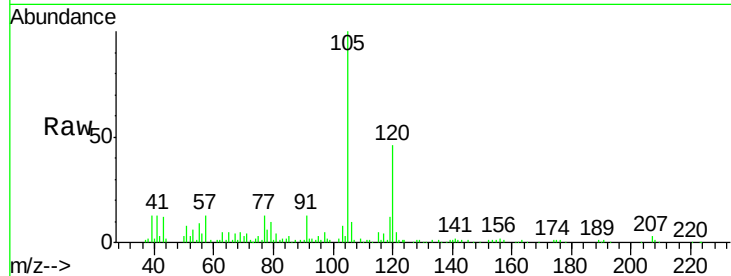




#80
 1,3,5-Trimethylbenzene
 Concen: 4.20 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003935.D
 Acq: 14 Jul 2018 00:04

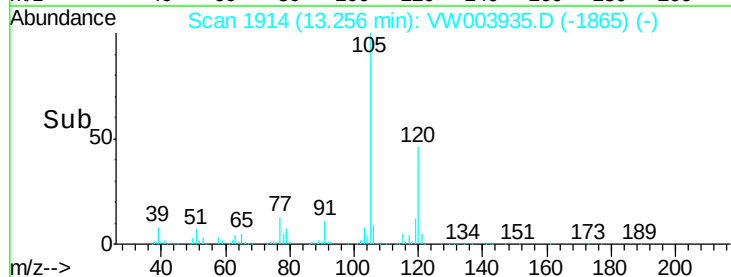
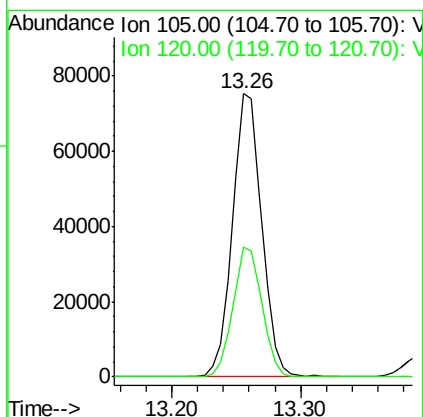
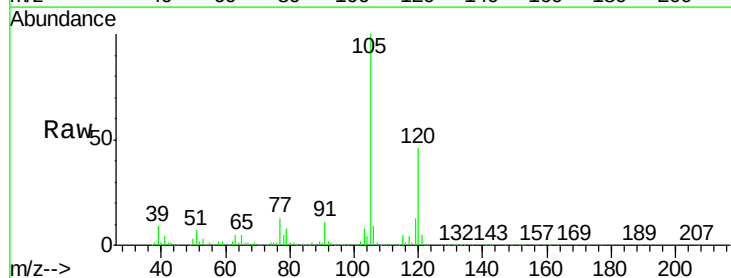
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-A

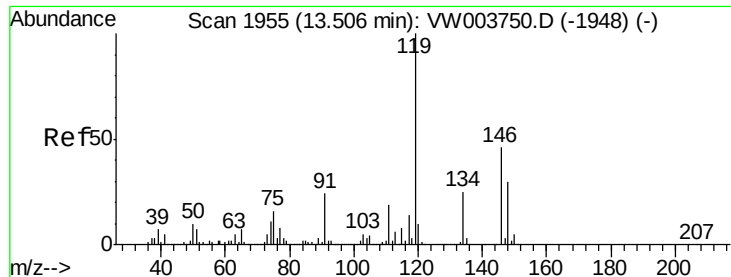
Tot Ion:105 Resp: 27917
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.2 72.6



#84
 1,2,4-Trimethylbenzene
 Concen: 17.17 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003935.D
 Acq: 14 Jul 2018 00:04

Tgt Ion:105 Resp: 118414
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.0 66.0

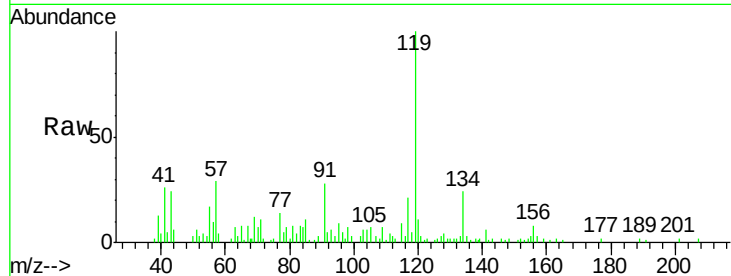




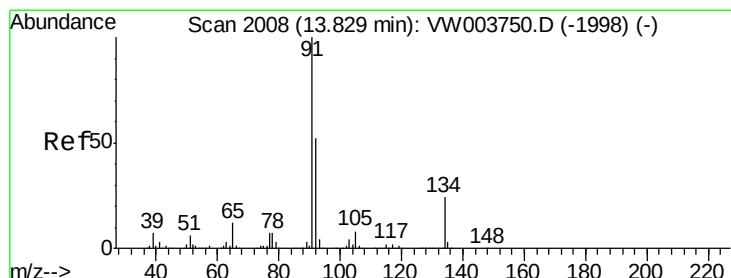
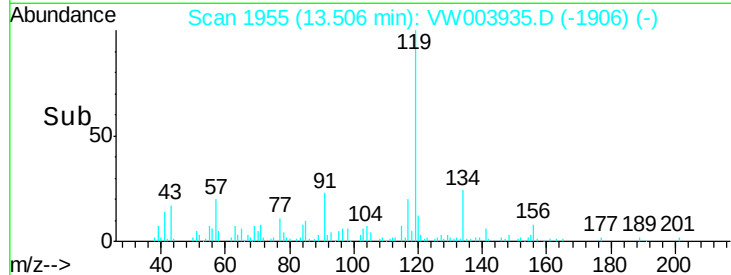
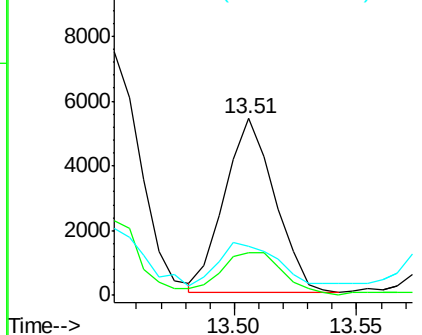
#86
 p-Isopropyltoluene
 Concen: 1.07 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003935.D
 Acq: 14 Jul 2018 00:04

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-A

Tot Ion	Ratio	Lower	Upper
119	100		
134	31.8	13.1	39.1
91	28.2	11.9	35.9

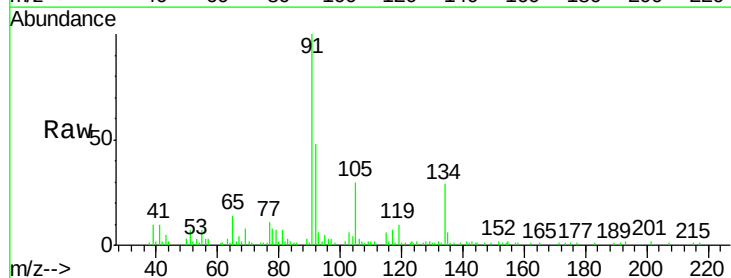


Abundance Ion 119.00 (118.70 to 119.70): VW
 Ion 134.00 (133.70 to 134.70): VW
 Ion 91.00 (90.70 to 91.70): VW

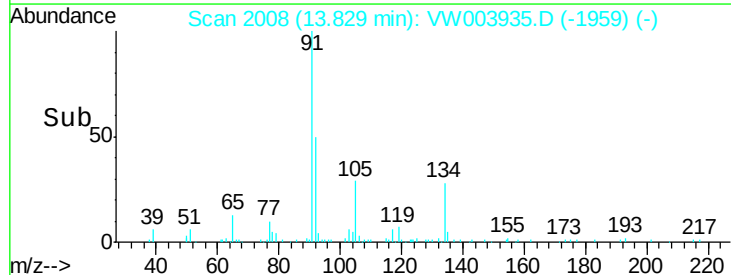
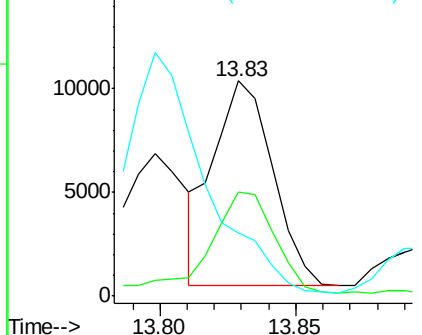


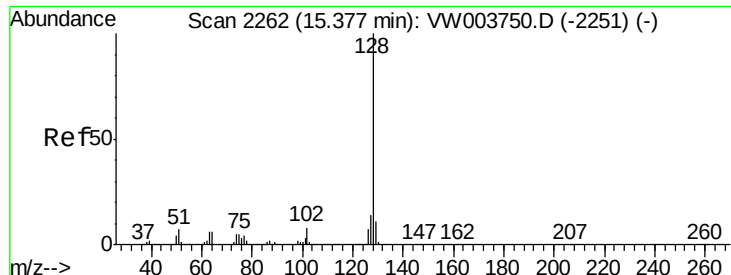
#89
 n-Butylbenzene
 Concen: 2.13 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VW003935.D
 Acq: 14 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	26.1	78.3
134	0.0	12.4	37.4#



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW
 Ion 134.00 (133.70 to 134.70): VW





#95

Naphthalene

Concen: 4.38 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003935.D

Acq: 14 Jul 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-A

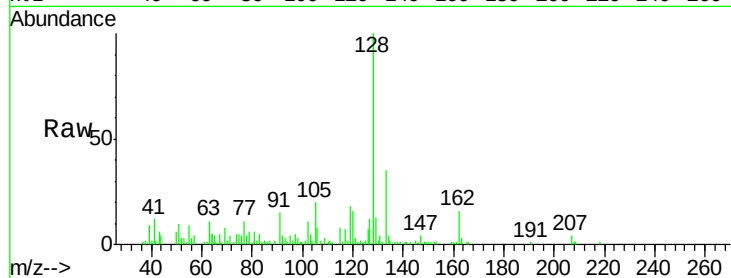
Tot Ion:128 Resp: 18475

Ion Ratio Lower Upper

128 100

127 12.1 10.8 16.2

129 8.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

