

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006026.D
 Acq On : 11 Oct 2018 12:37
 Operator : VA/AP
 Sample : J5375-01RE
 Misc : 4.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0688-KM-PA-COMPARE

Quant Time: Oct 12 01:21:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	43252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	63469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18410	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22288	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	7.88	113	20594	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.33	98	71747	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.62	95	21568	36.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.72%	

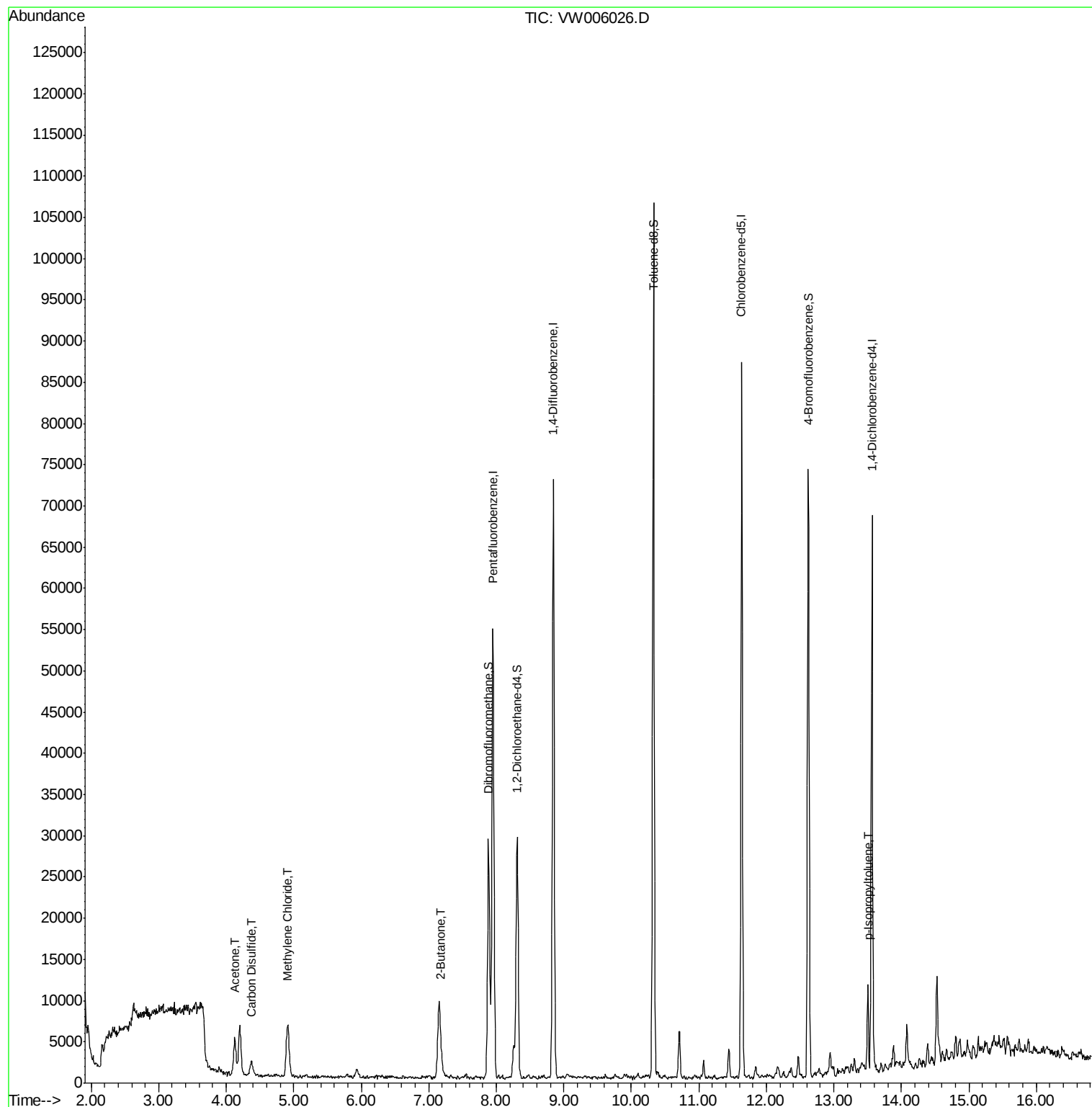
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	8399	100.15	ug/l	90
17) Carbon Disulfide	4.37	76	3366	2.92	ug/l #	94
20) Methylene Chloride	4.91	84	4820	11.47	ug/l #	88
25) 2-Butanone	7.18	43	3484	29.21	ug/l #	78
86) p-Isopropyltoluene	13.51	119	5385	4.23	ug/l	98

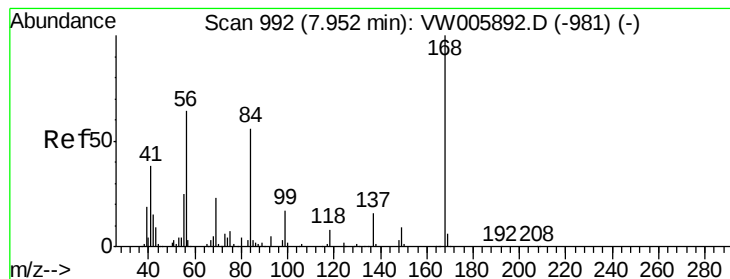
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006026.D

Acq: 11 Oct 2018 12:37

Instrument :

MSVOA_W

ClientSampleId :

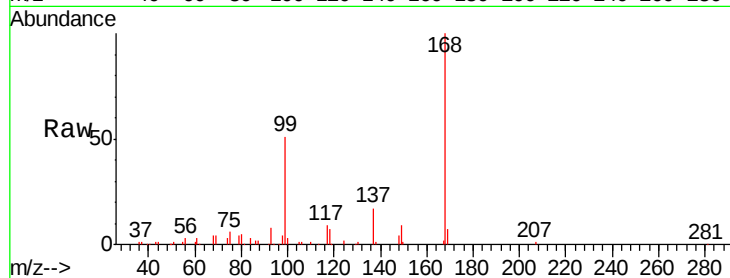
0688-KM-PA-COMPRE

Tgt Ion:168 Resp: 43252

Ion Ratio Lower Upper

168 100

99 51.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

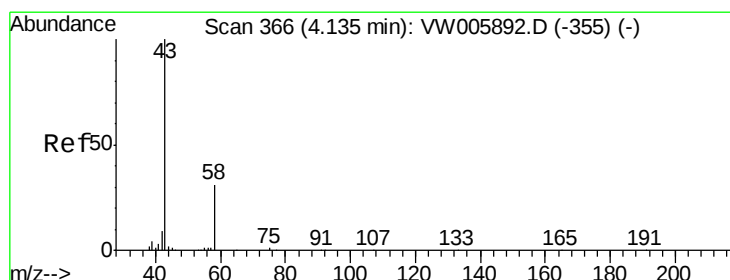
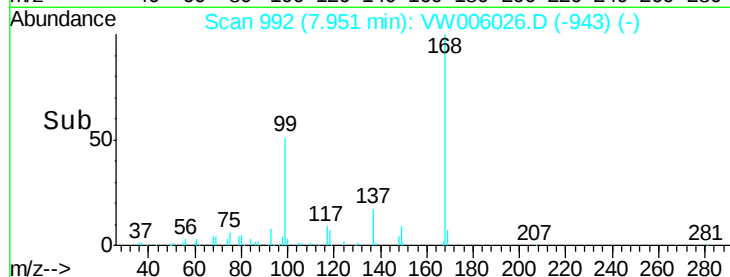
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 100.15 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW006026.D

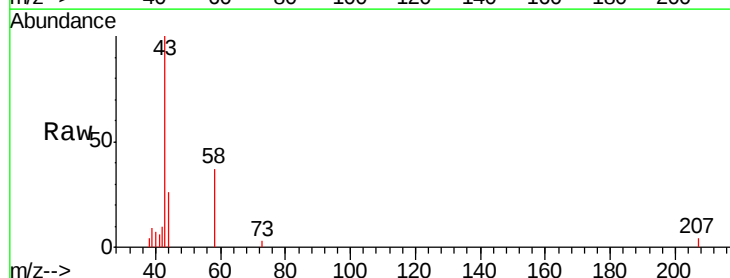
Acq: 11 Oct 2018 12:37

Tgt Ion: 43 Resp: 8399

Ion Ratio Lower Upper

43 100

58 36.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

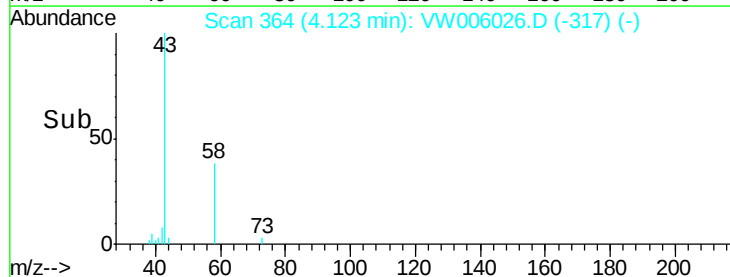
1000

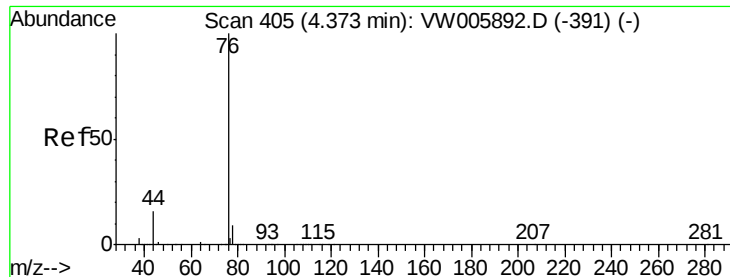
500

0

4.00 4.10 4.20

Time-->

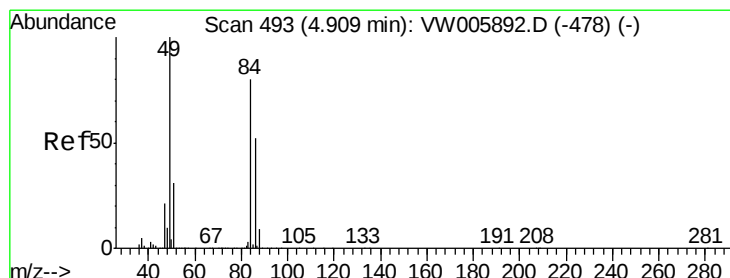
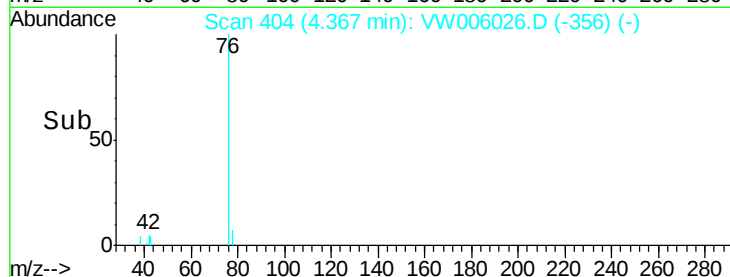
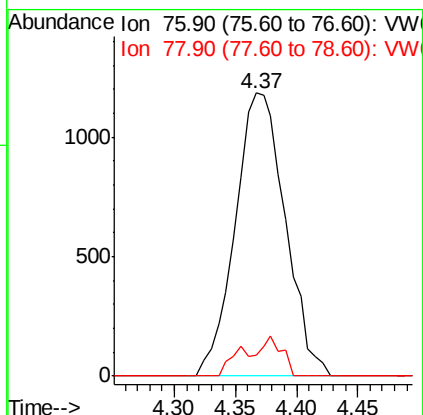
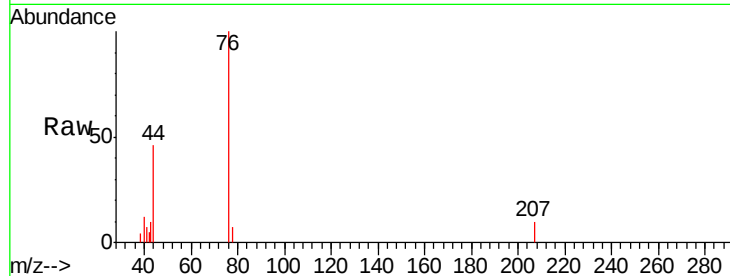




#17
Carbon Disulfide
Concen: 2.92 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW006026.D
Acq: 11 Oct 2018 12:37

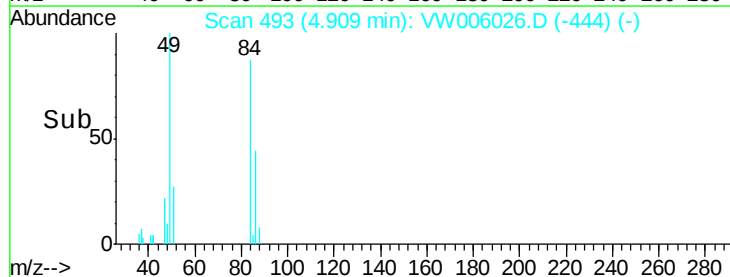
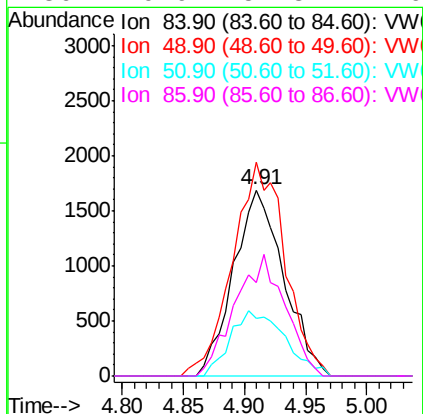
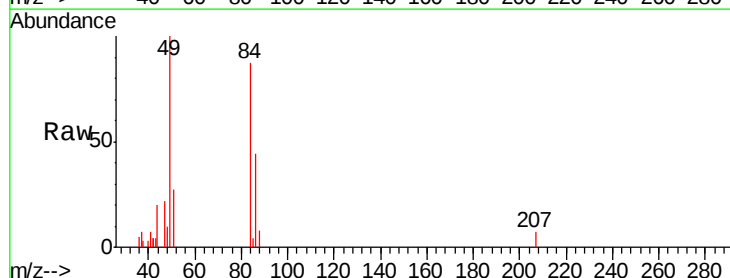
Instrument :
MSVOA_W
ClientSampleId :
0688-KM-PA-COMP

Tgt Ion: 76 Resp: 3366
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#20
Methylene Chloride
Concen: 11.47 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006026.D
Acq: 11 Oct 2018 12:37

Tgt Ion: 84 Resp: 4820
Ion Ratio Lower Upper
84 100
49 114.7 99.9 149.9
51 30.8 31.1 46.7#
86 49.9 51.8 77.6#





#25

2-Butanone

Concen: 29.21 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

Instrument :

MSVOA_W

ClientSampleId :

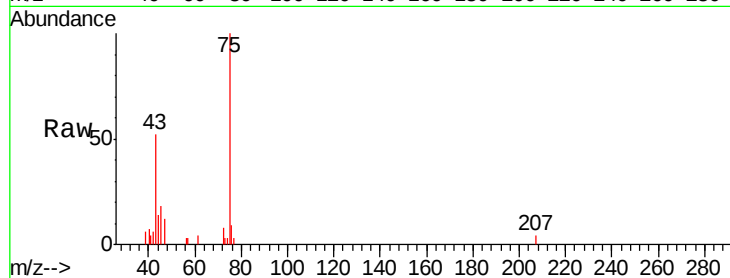
0688-KM-PA-COMP

Tgt Ion: 43 Resp: 3484

Ion Ratio Lower Upper

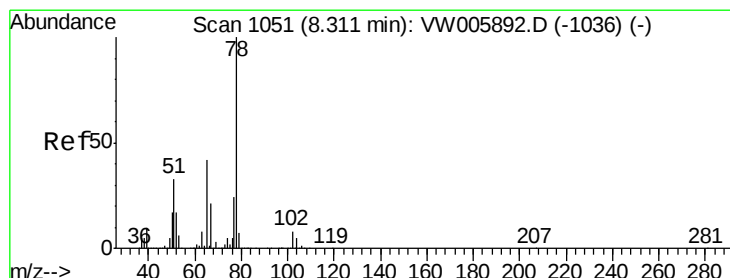
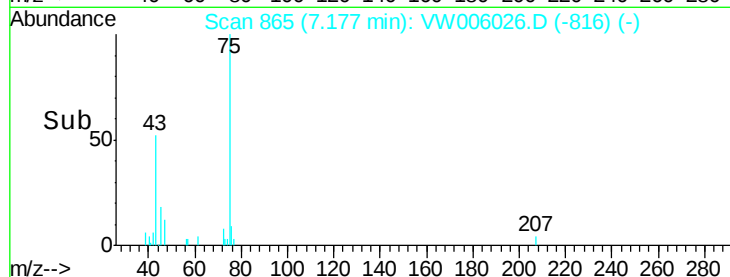
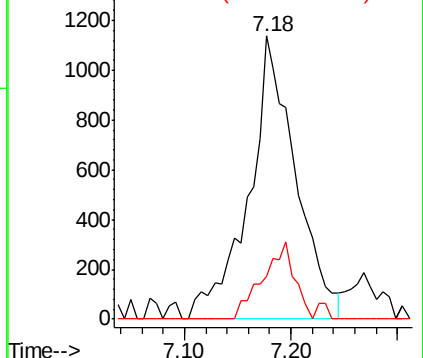
43 100

72 15.1 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 53.08 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006026.D

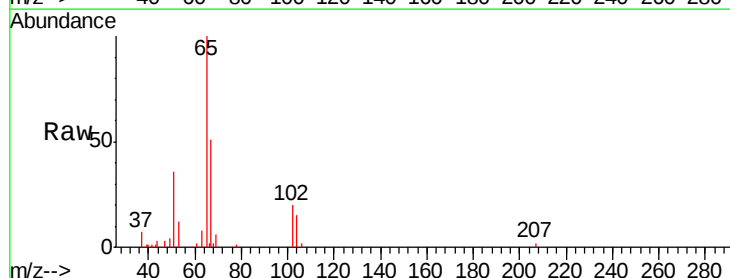
Acq: 11 Oct 2018 12:37

Tgt Ion: 65 Resp: 22288

Ion Ratio Lower Upper

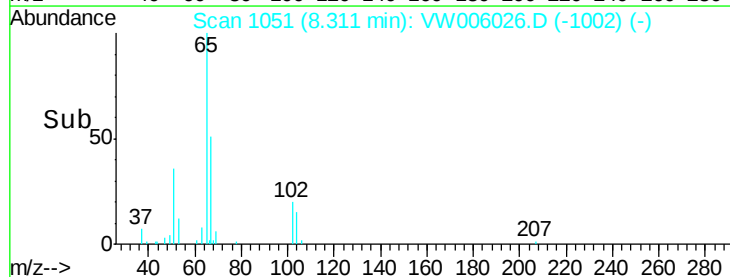
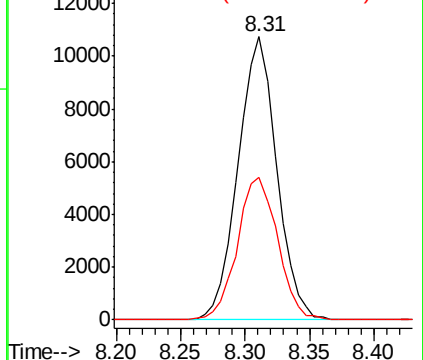
65 100

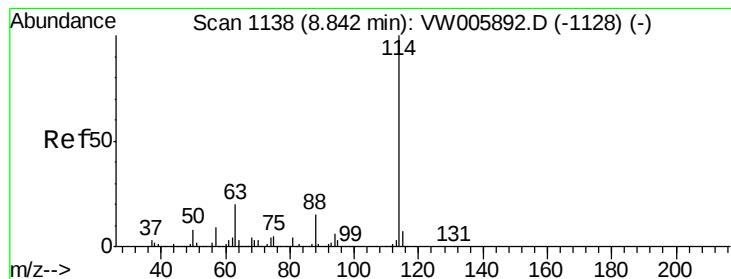
67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

Instrument :

MSVOA_W

ClientSampleId :

0688-KM-PA-COMP

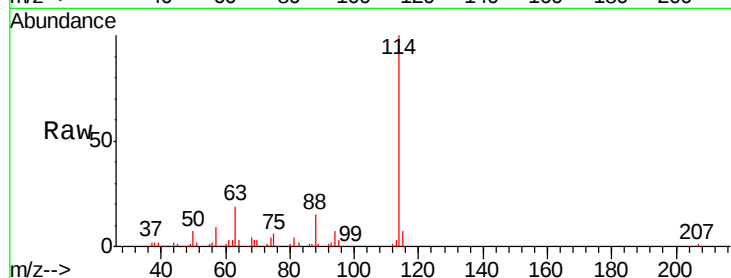
Tgt Ion:114 Resp: 63469

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

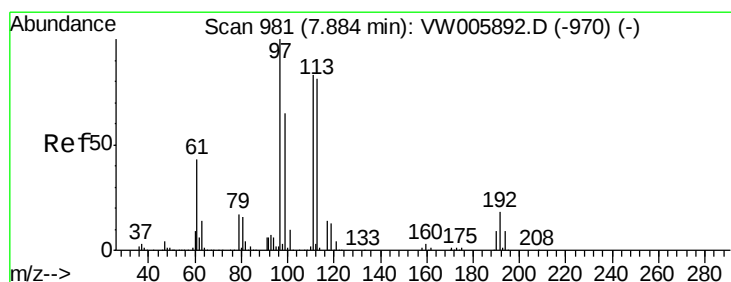
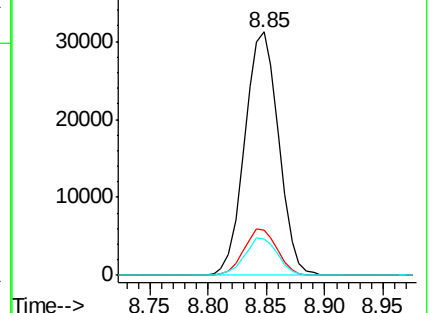
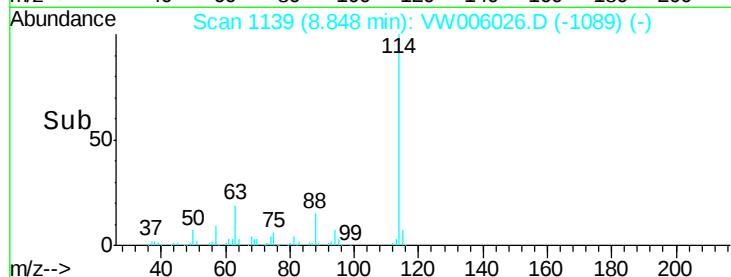
88 14.7 0.0 30.8



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: 50.82 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

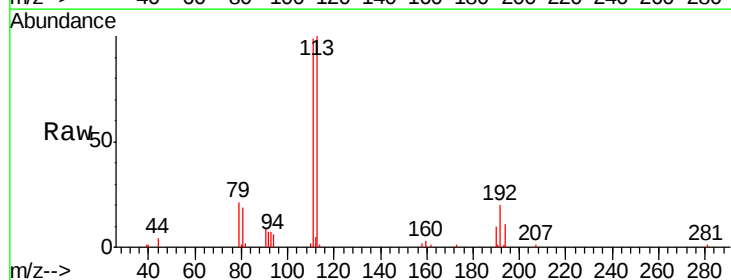
Tgt Ion:113 Resp: 20594

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

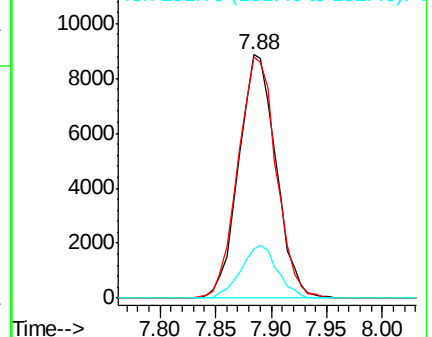
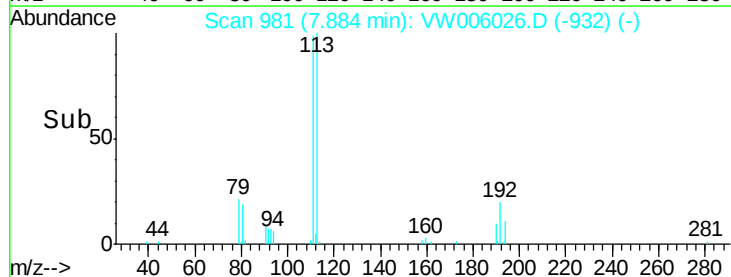
192 21.3 18.3 27.5

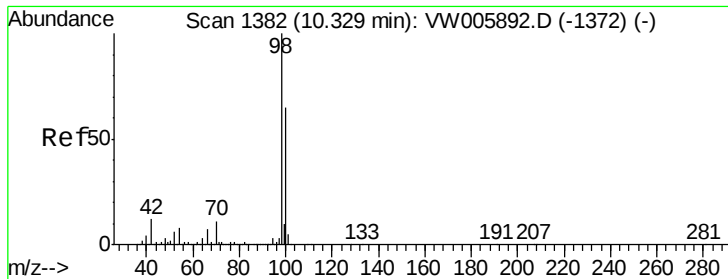


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.02 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

Instrument :

MSVOA_W

ClientSampleId :

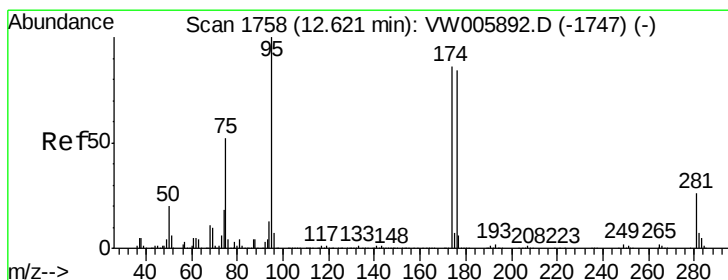
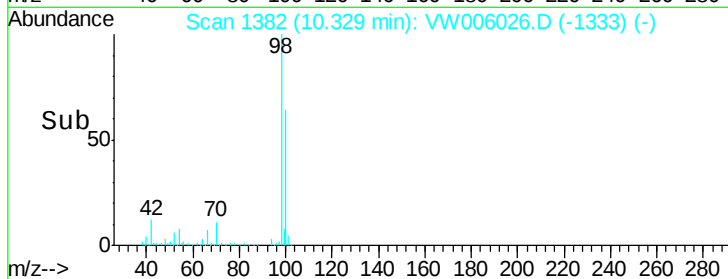
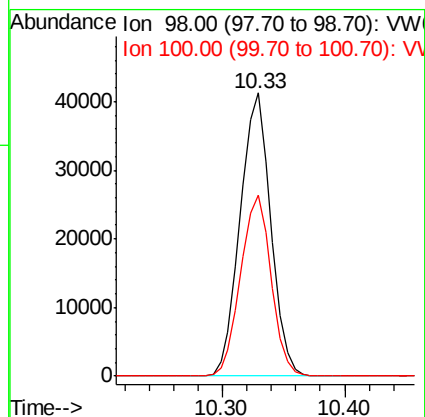
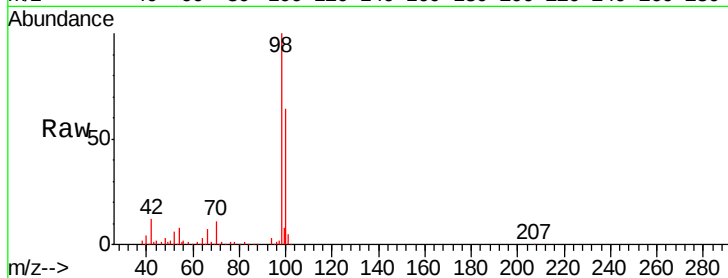
0688-KM-PA-COMP

Tgt Ion: 98 Resp: 71747

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.36 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

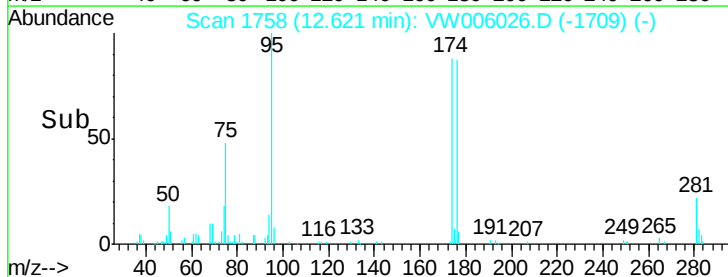
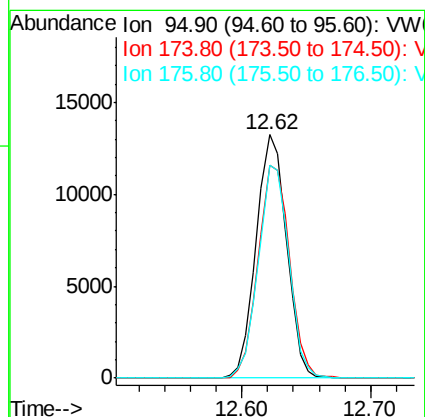
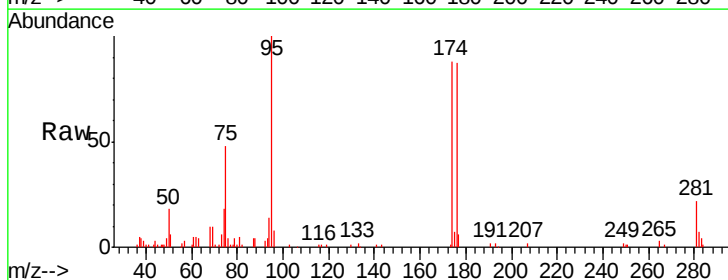
Tgt Ion: 95 Resp: 21568

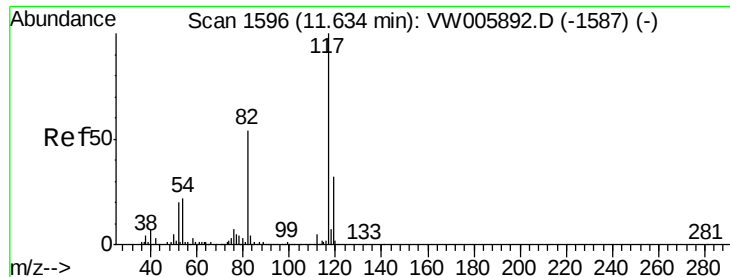
Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.4

176 88.0 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

Instrument :

MSVOA_W

ClientSampleId :

0688-KM-PA-COMP

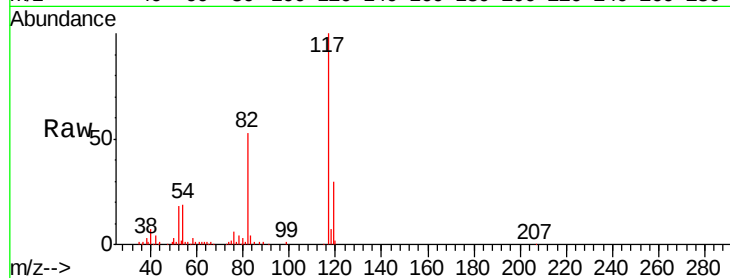
Tgt Ion:117 Resp: 49259

Ion Ratio Lower Upper

117 100

82 52.5 43.5 65.3

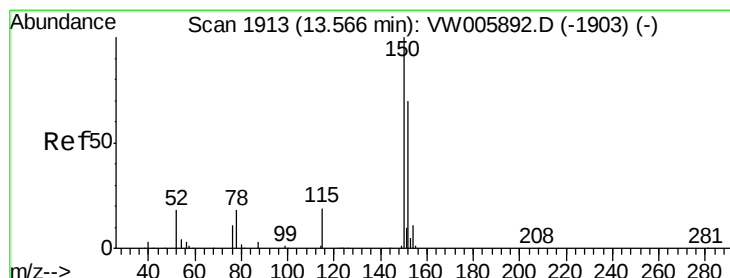
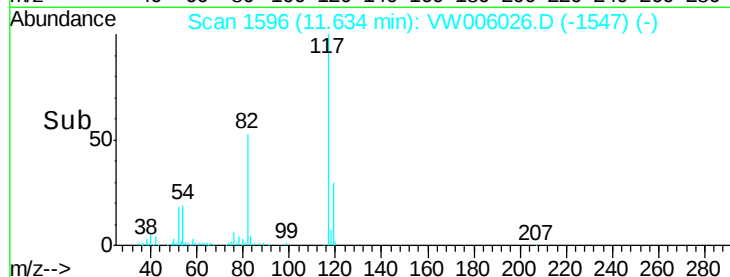
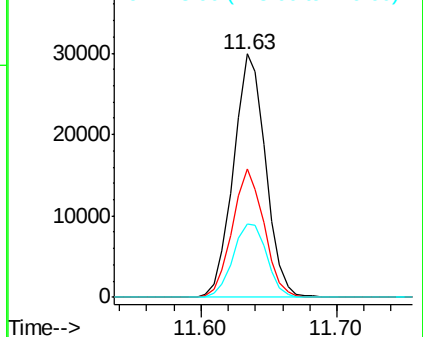
119 30.3 25.4 38.2



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# 1913

Delta R.T. -0.00 min

Lab File: VW006026.D

Acq: 11 Oct 2018 12:37

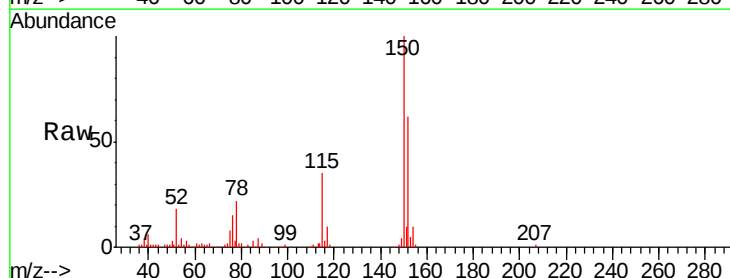
Tgt Ion:152 Resp: 18410

Ion Ratio Lower Upper

152 100

115 57.1 28.3 85.0

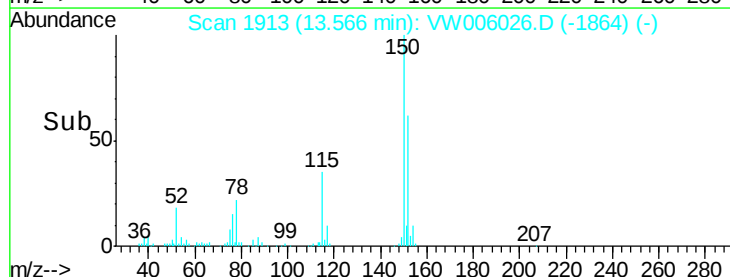
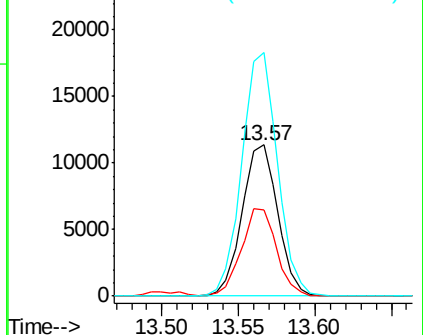
150 160.7 0.0 349.2

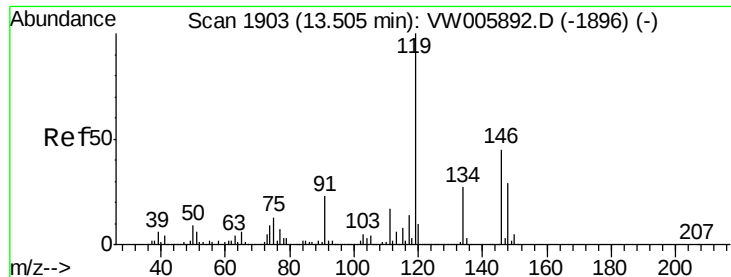


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

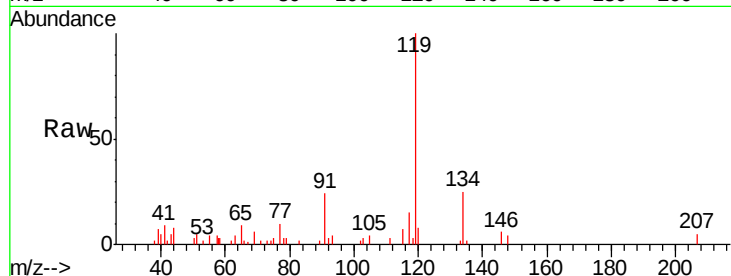




#86
 p-Isopropyltoluene
 Concen: 4.23 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006026.D
 Acq: 11 Oct 2018 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 0688-KM-PA-COMP

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.5	40.5
91	25.4	11.9	35.5



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

