

Data File : VW006011.D
Acq On : 11 Oct 2018 02:51
Operator : SY/AP
Sample : J5394-02
Misc : 10.99G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-027-A

Quant Time: Oct 11 05:42:10 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	25077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	32188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	25031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	9207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	8382	34.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.86%	
35) Dibromofluoromethane	7.89	113	8911	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
50) Toluene-d8	10.33	98	34825	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
62) 4-Bromofluorobenzene	12.62	95	9951	33.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.16%	

Target Compounds

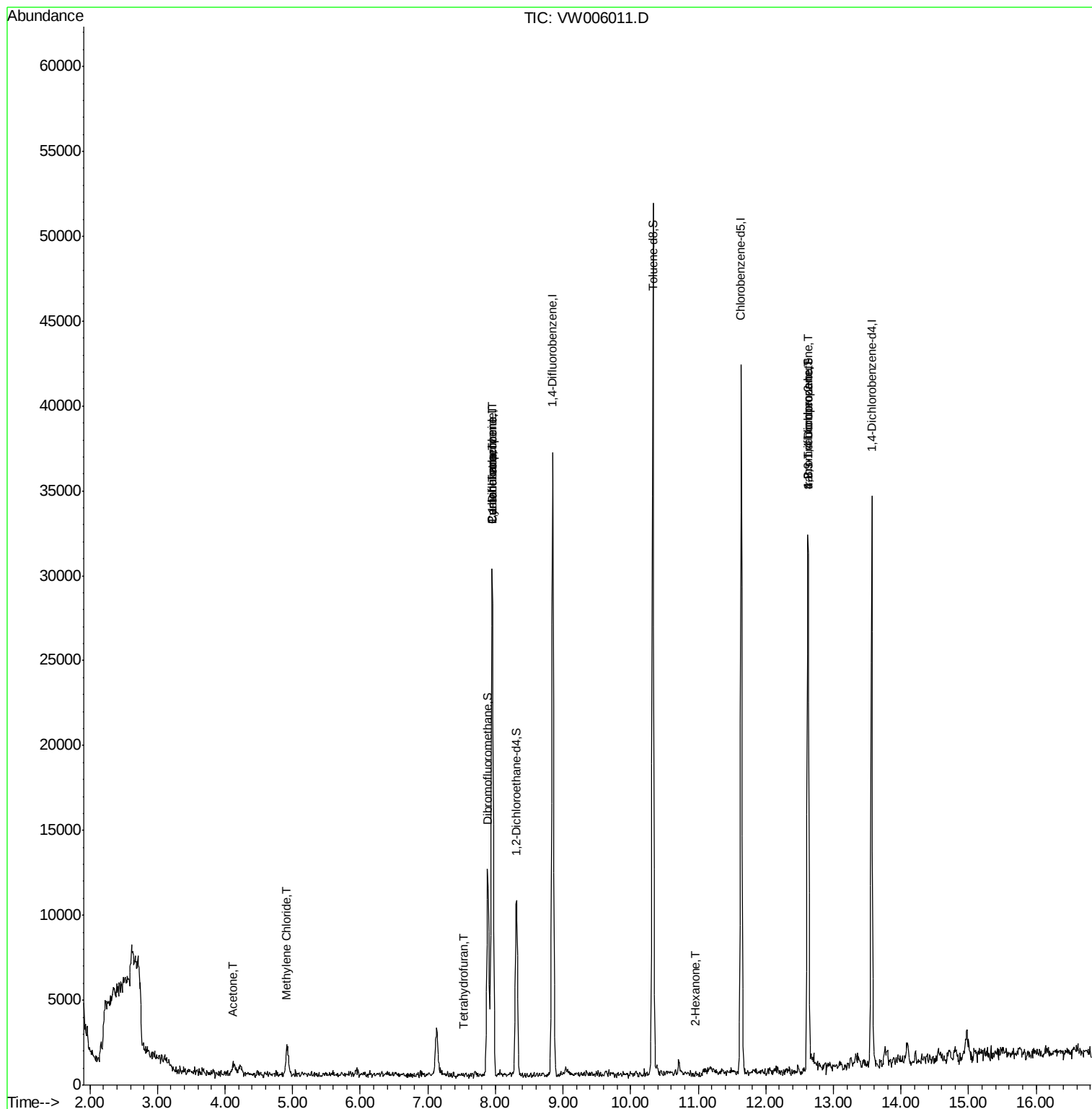
						Qvalue
16) Acetone	4.11	43	1579	32.473	ug/l #	44
20) Methylene Chloride	4.91	84	1291	5.299	ug/l #	64
29) Tetrahydrofuran	7.52	42	44	1.006	ug/l #	34
31) Cyclohexane	7.95	56	549	1.288	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	1667	5.405	ug/l #	40
38) Carbon Tetrachloride	7.95	117	2344	7.074	ug/l #	16
59) 2-Hexanone	10.96	43	100	1.050	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	4877	59.299	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	4877	125.187	ug/l #	11

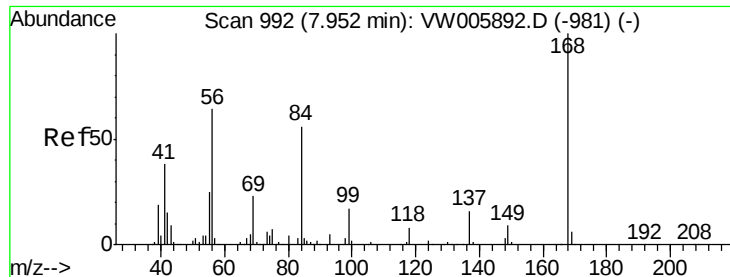
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

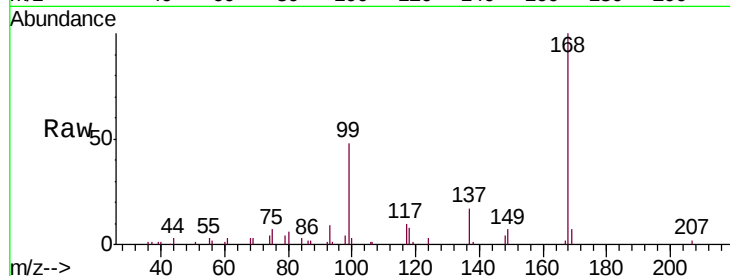
FK-GF-02-027-A

Tgt Ion:168 Resp: 25077

Ion Ratio Lower Upper

168 100

99 47.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

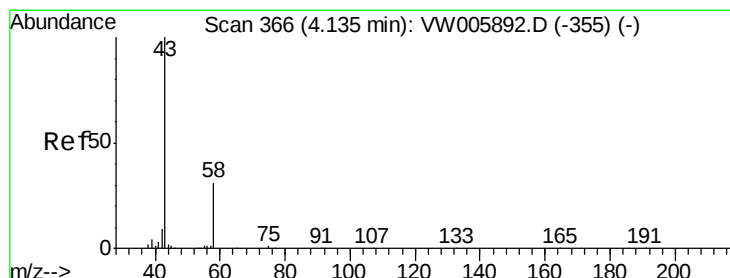
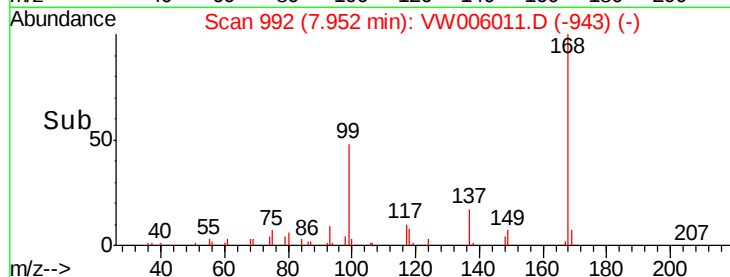
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 32.473 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

Lab File: VW006011.D

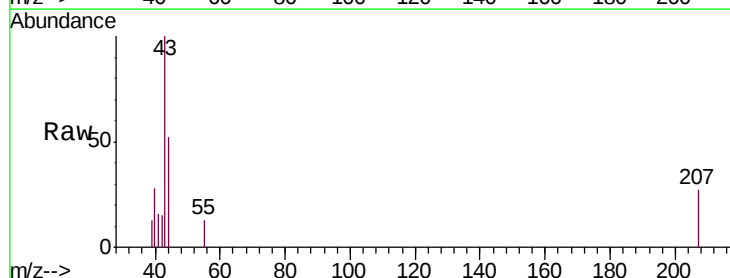
Acq: 11 Oct 2018 02:51

Tgt Ion: 43 Resp: 1579

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

500

400

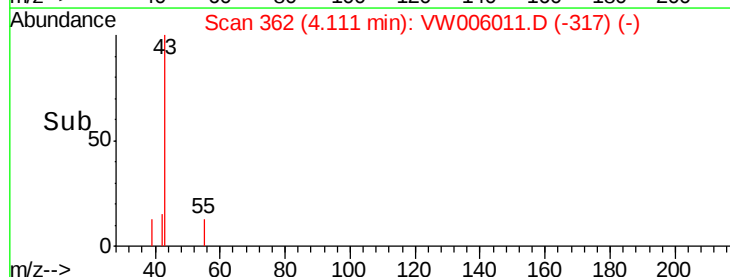
300

200

100

0

Time-->





#20

Methylene Chloride

Concen: 5.299 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-A

Tgt Ion: 84 Resp: 1291

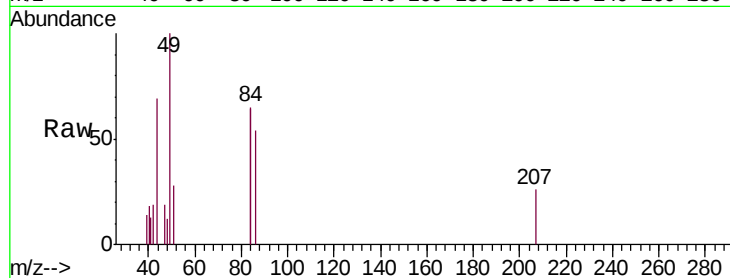
Ion Ratio Lower Upper

84 100

49 77.2 99.9 149.9#

51 21.5 31.1 46.7#

86 41.4 51.8 77.6#

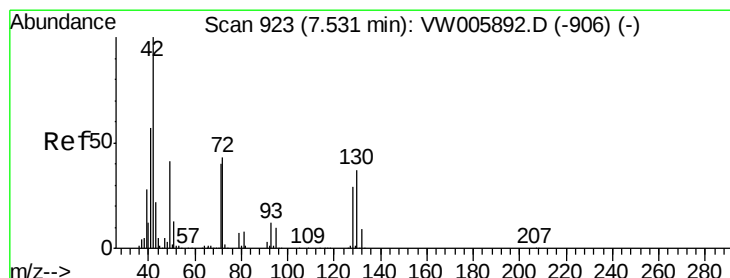
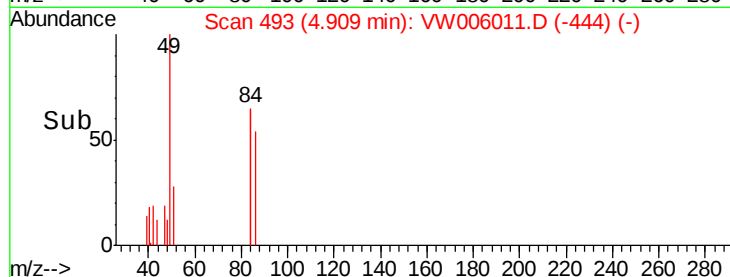
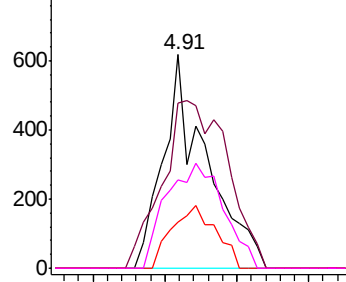


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 1.006 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

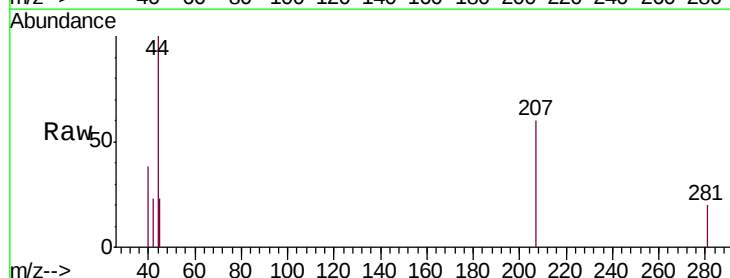
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

42 100

72 0.0 34.6 51.8#

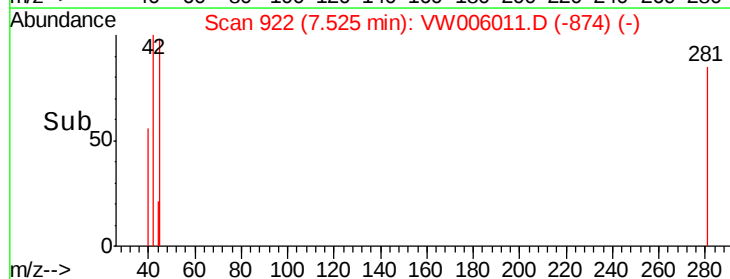
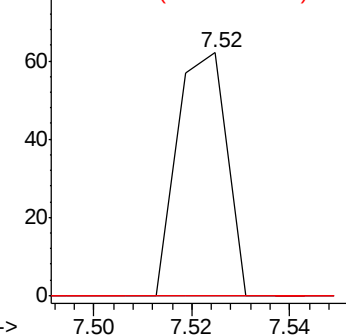
71 0.0 32.6 49.0#

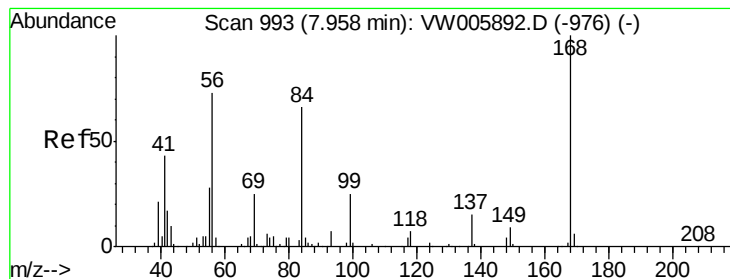


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.288 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006011.D

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FK-GF-02-027-A

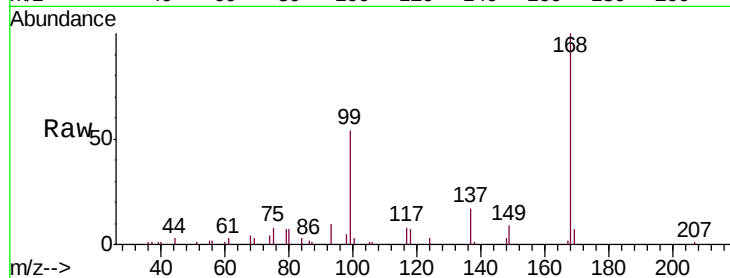
Tgt Ion: 56 Resp: 549

Ion Ratio Lower Upper

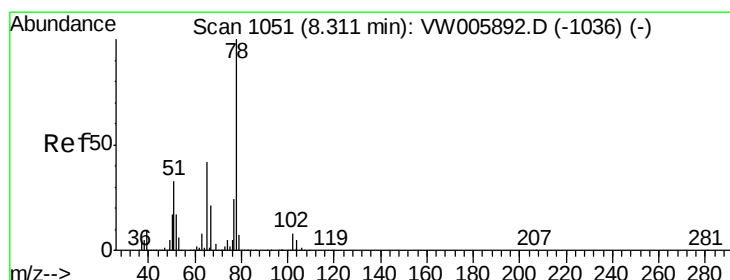
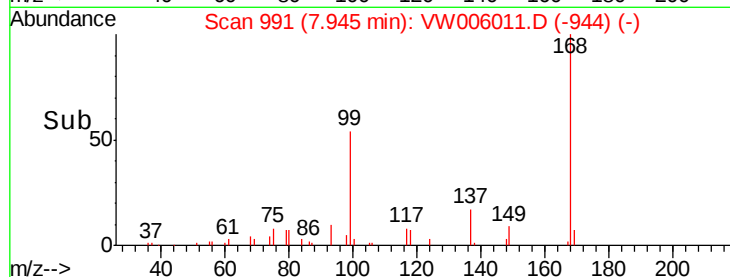
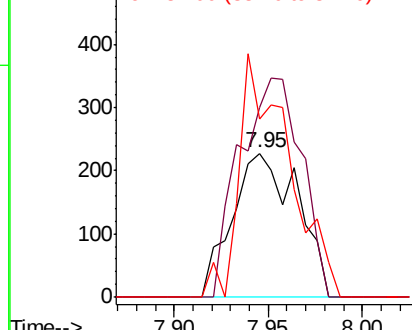
56 100

69 132.0 27.9 41.9#

84 123.2 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 34.431 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006011.D

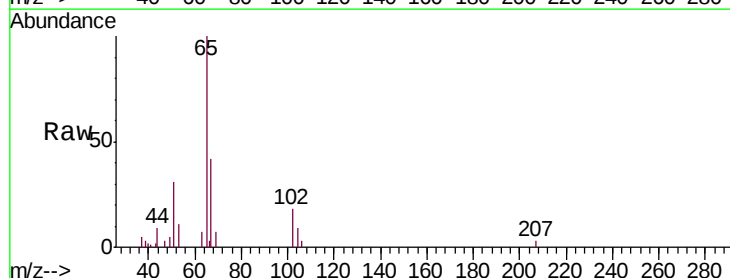
Acq: 11 Oct 2018 02:51

Tgt Ion: 65 Resp: 8382

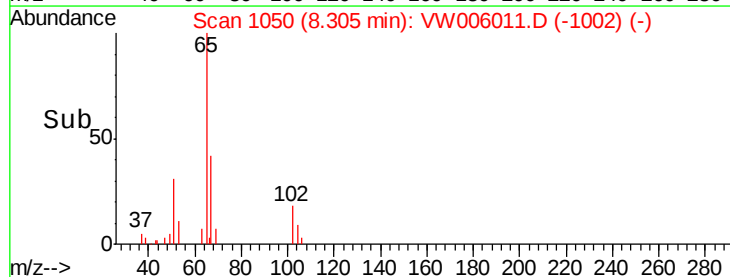
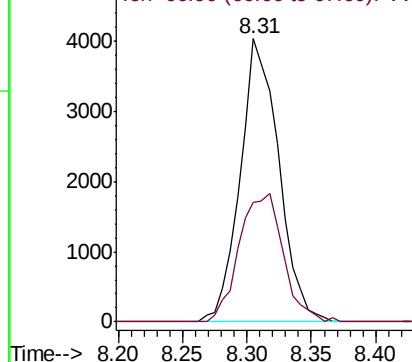
Ion Ratio Lower Upper

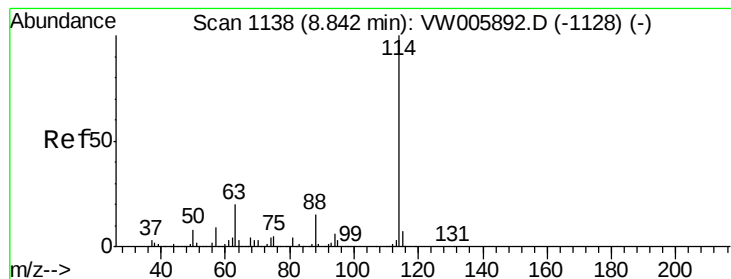
65 100

67 51.7 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: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-A

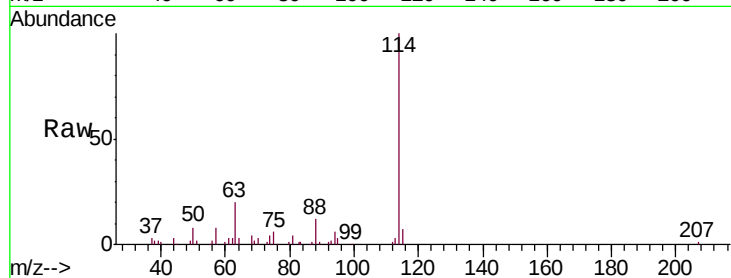
Tgt Ion:114 Resp: 32188

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

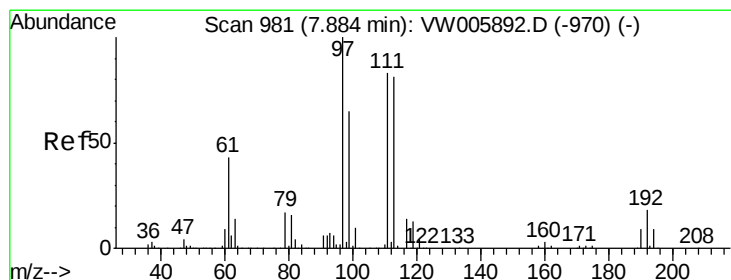
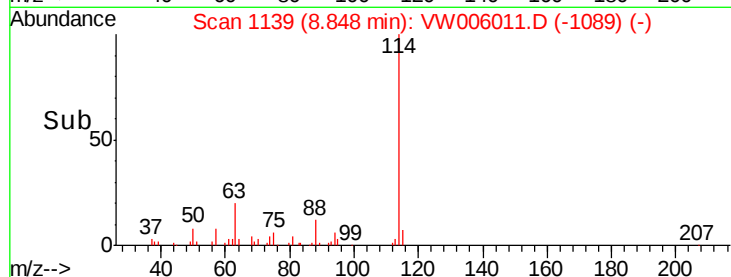
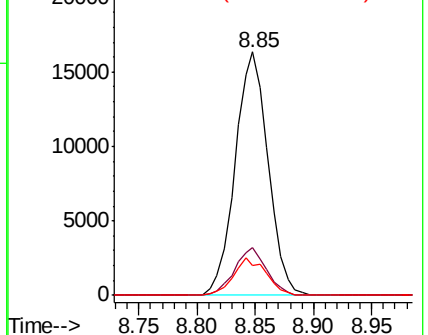
88 12.4 0.0 30.8



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: 43.361 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

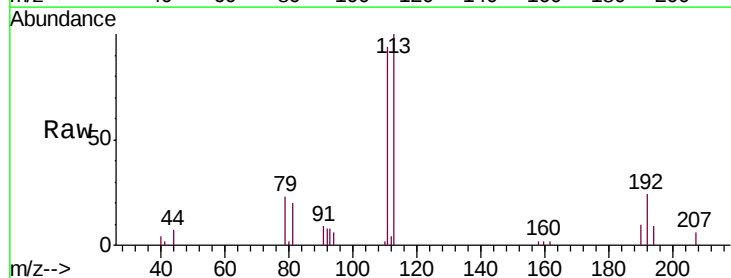
Tgt Ion:113 Resp: 8911

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

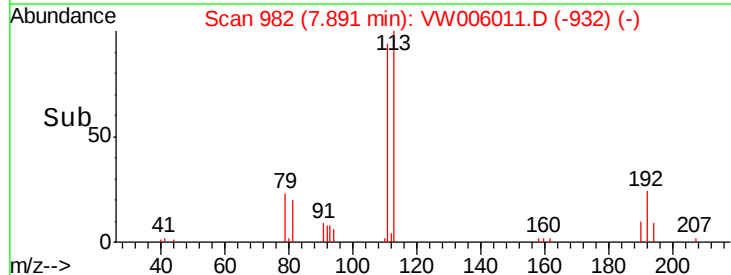
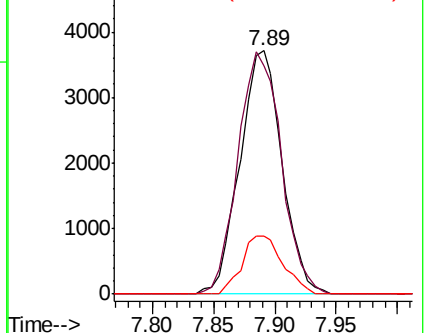
192 23.2 18.3 27.5

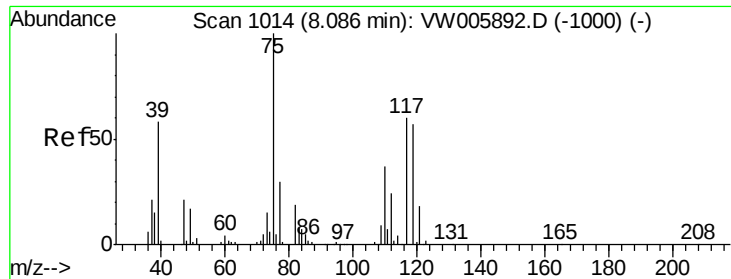


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

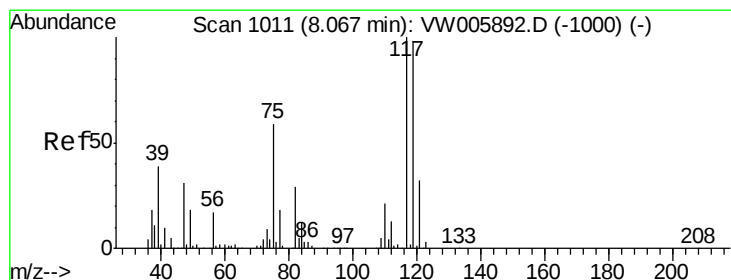
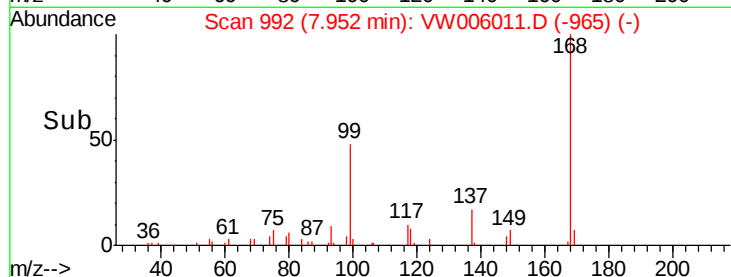
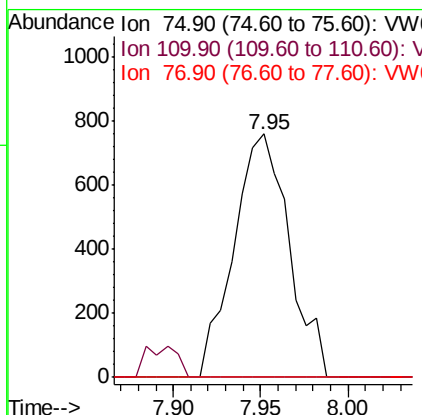
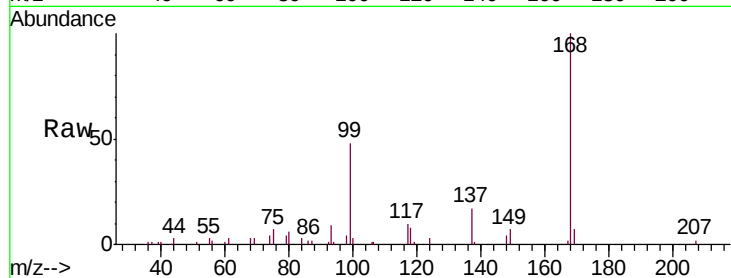




#36
 1,1-Dichloropropene
 Concen: 5.405 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006011.D
 Acq: 11 Oct 2018 02:51

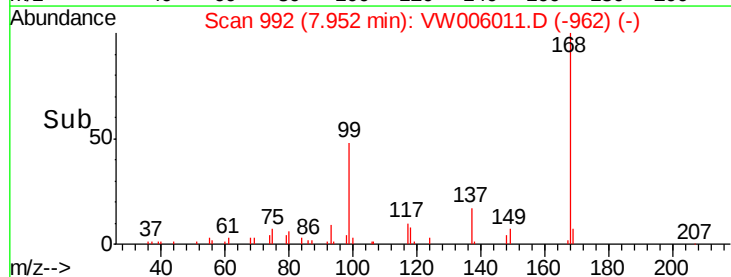
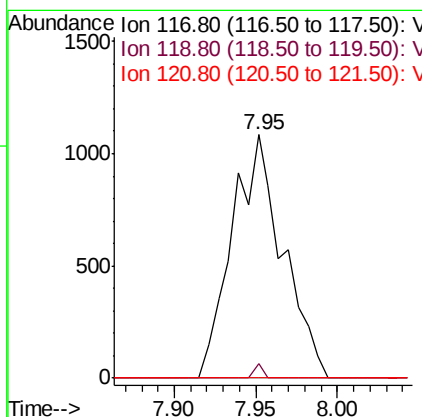
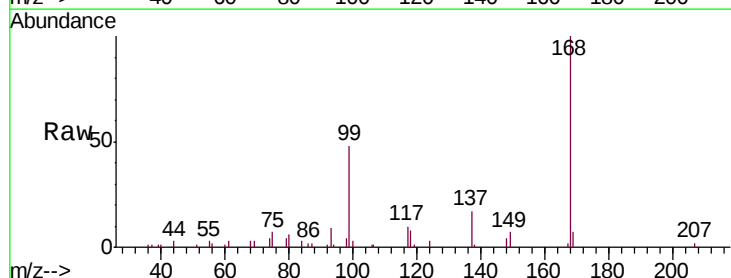
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-027-A

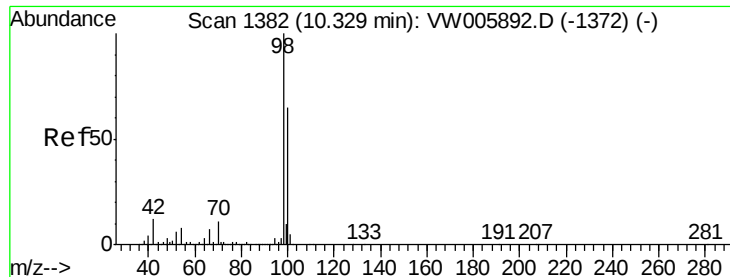
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.074 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006011.D
 Acq: 11 Oct 2018 02:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 44.045 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

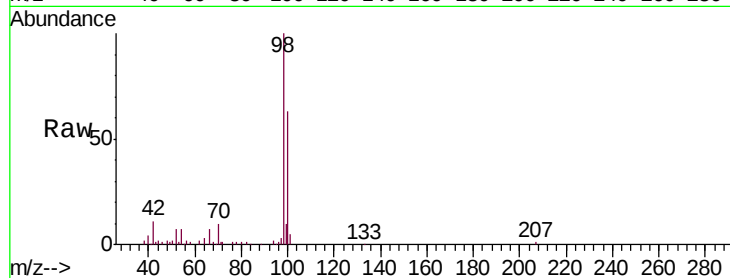
FK-GF-02-027-A

Tgt Ion: 98 Resp: 34825

Ion Ratio Lower Upper

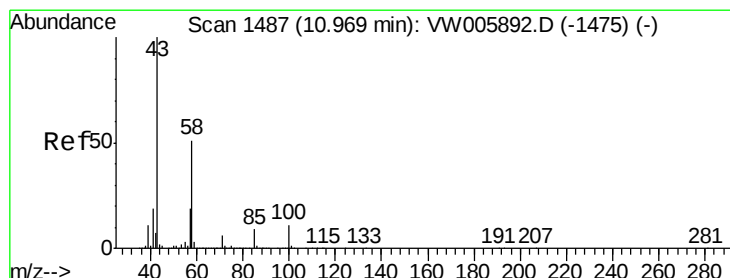
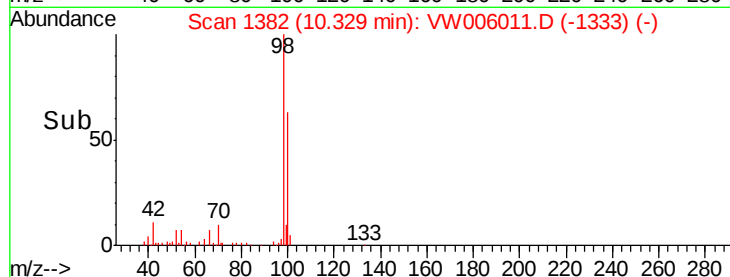
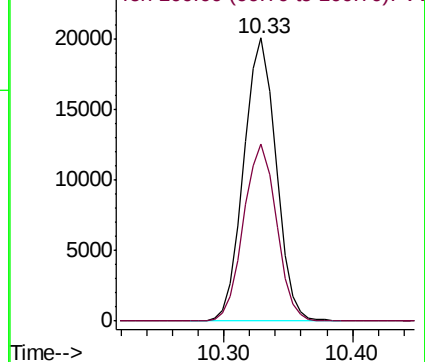
98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

2-Hexanone

Concen: 1.050 ug/l

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW006011.D

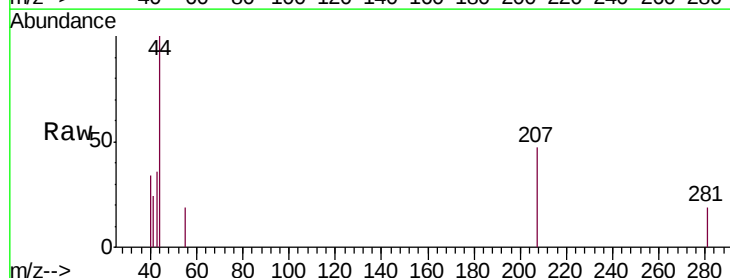
Acq: 11 Oct 2018 02:51

Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

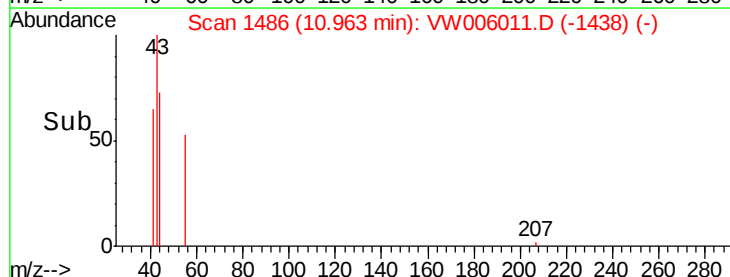
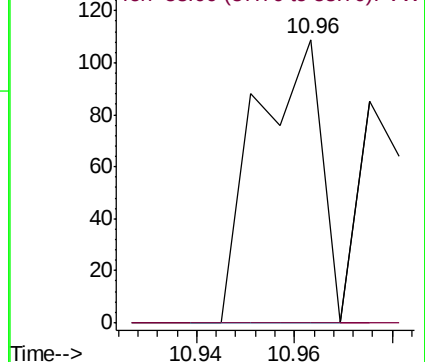
43 100

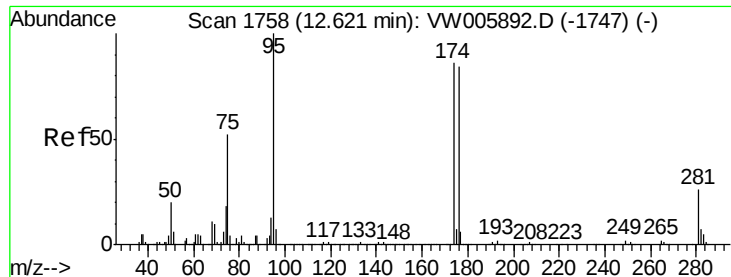
58 0.0 25.7 77.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 33.079 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

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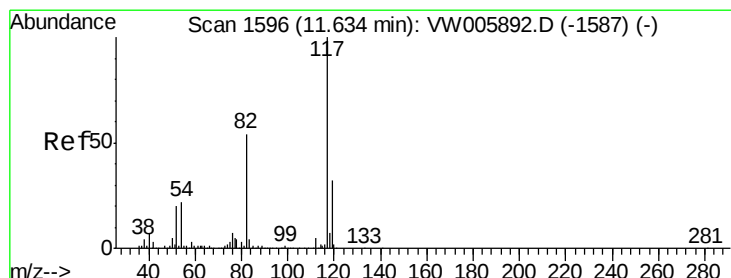
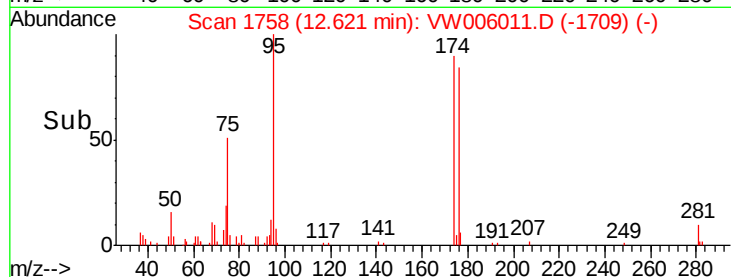
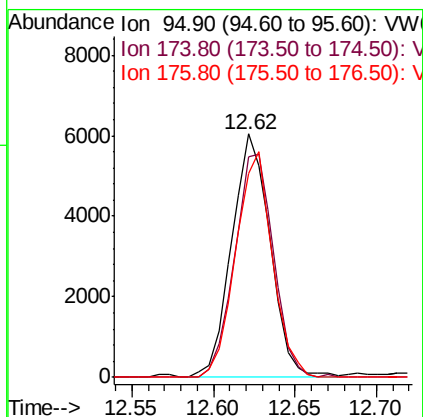
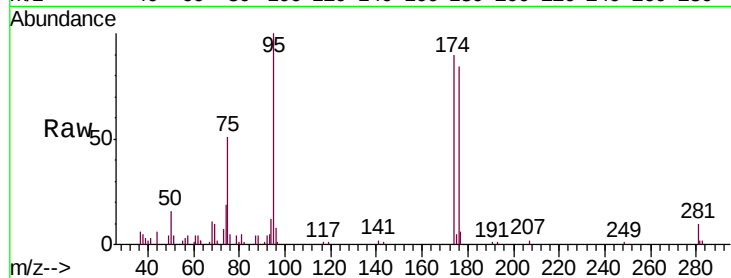
Tgt Ion: 95 Resp: 9951

Ion Ratio Lower Upper

95 100

174 92.6 0.0 176.4

176 88.3 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

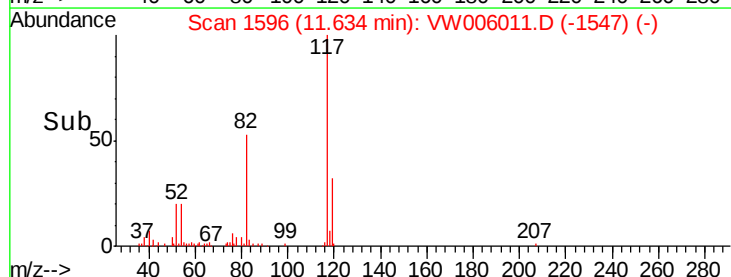
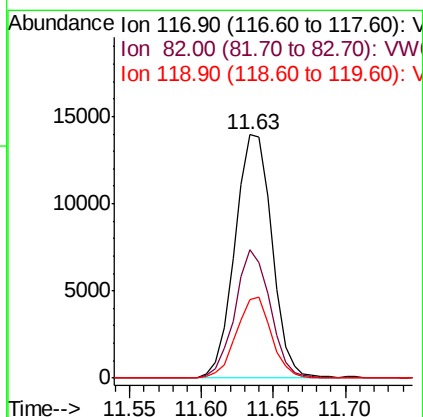
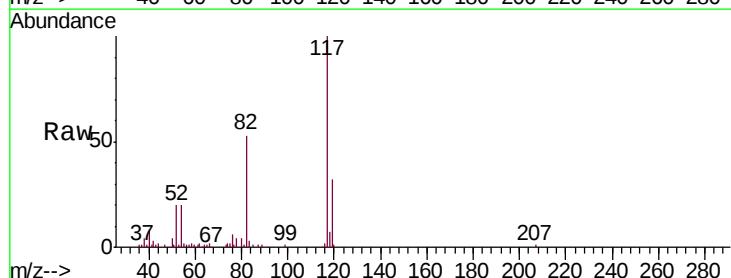
Tgt Ion: 117 Resp: 25031

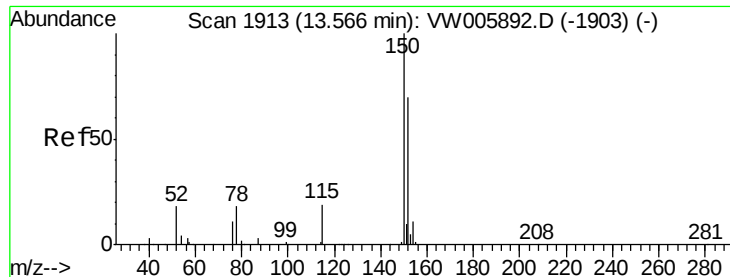
Ion Ratio Lower Upper

117 100

82 52.6 43.5 65.3

119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-A

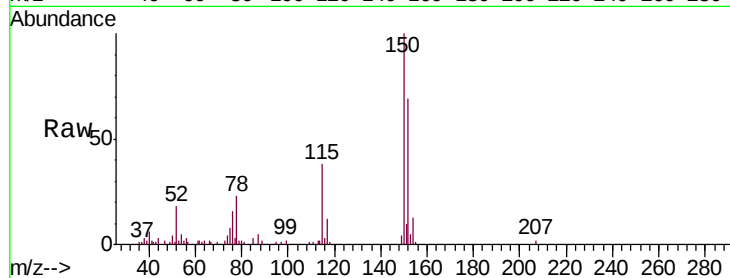
Tgt Ion: 152 Resp: 9207

Ion Ratio Lower Upper

152 100

115 58.7 28.3 85.0

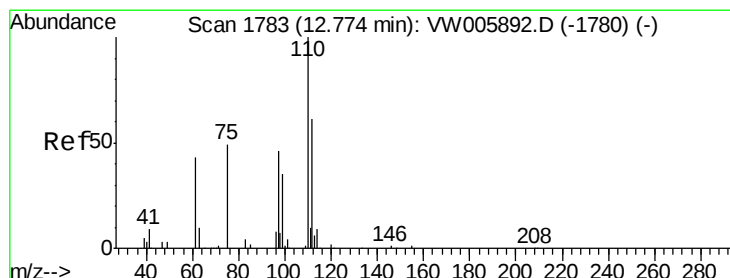
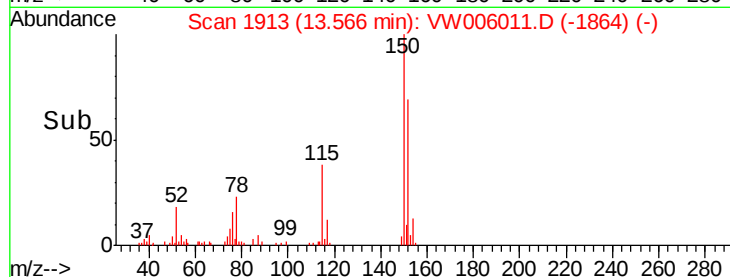
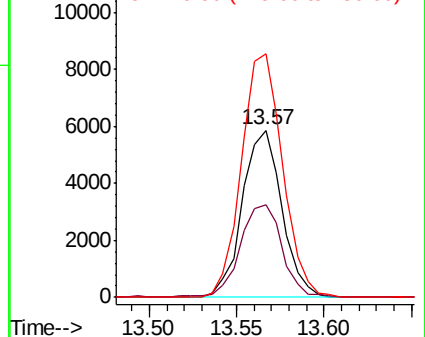
150 151.4 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 59.299 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006011.D

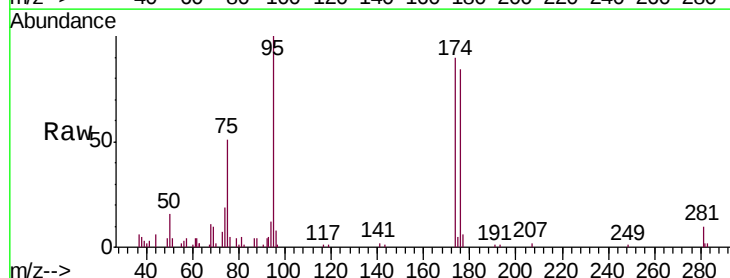
Acq: 11 Oct 2018 02:51

Tgt Ion: 75 Resp: 4877

Ion Ratio Lower Upper

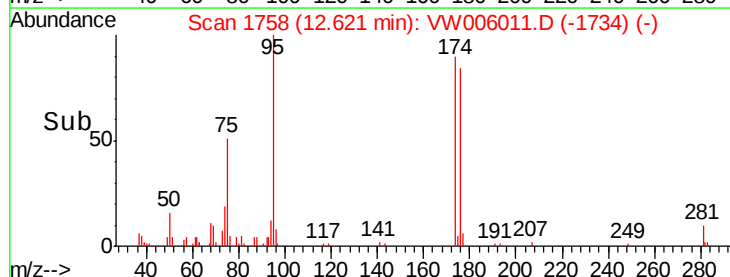
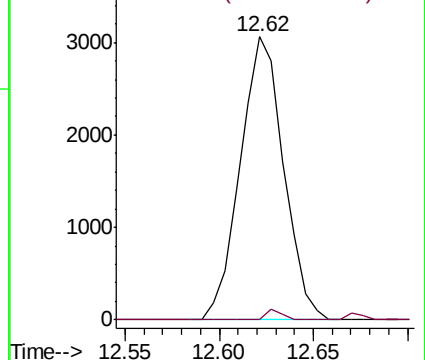
75 100

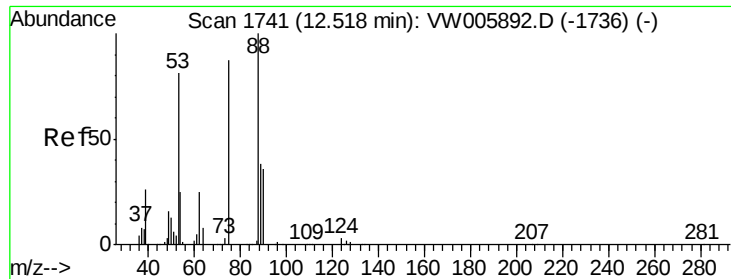
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 125.187 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006011.D

Acq: 11 Oct 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-A

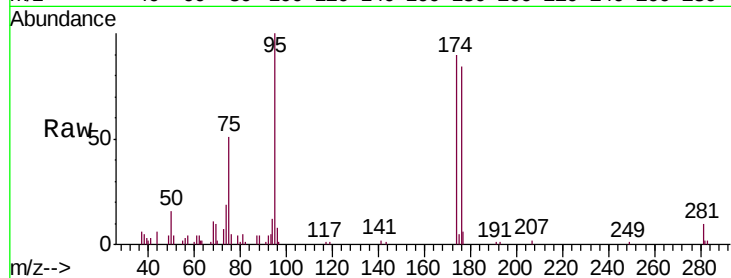
Tgt Ion: 75 Resp: 4877

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

