

Data File : VW006012.D
Acq On : 11 Oct 2018 03:17
Operator : SY/AP
Sample : J5394-04
Misc : 10.01G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Oct 11 05:42:22 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	12133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	15901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6930	58.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.68%	
35) Dibromofluoromethane	7.88	113	6450	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.33	98	21740	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.62	95	7134	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	

Target Compounds

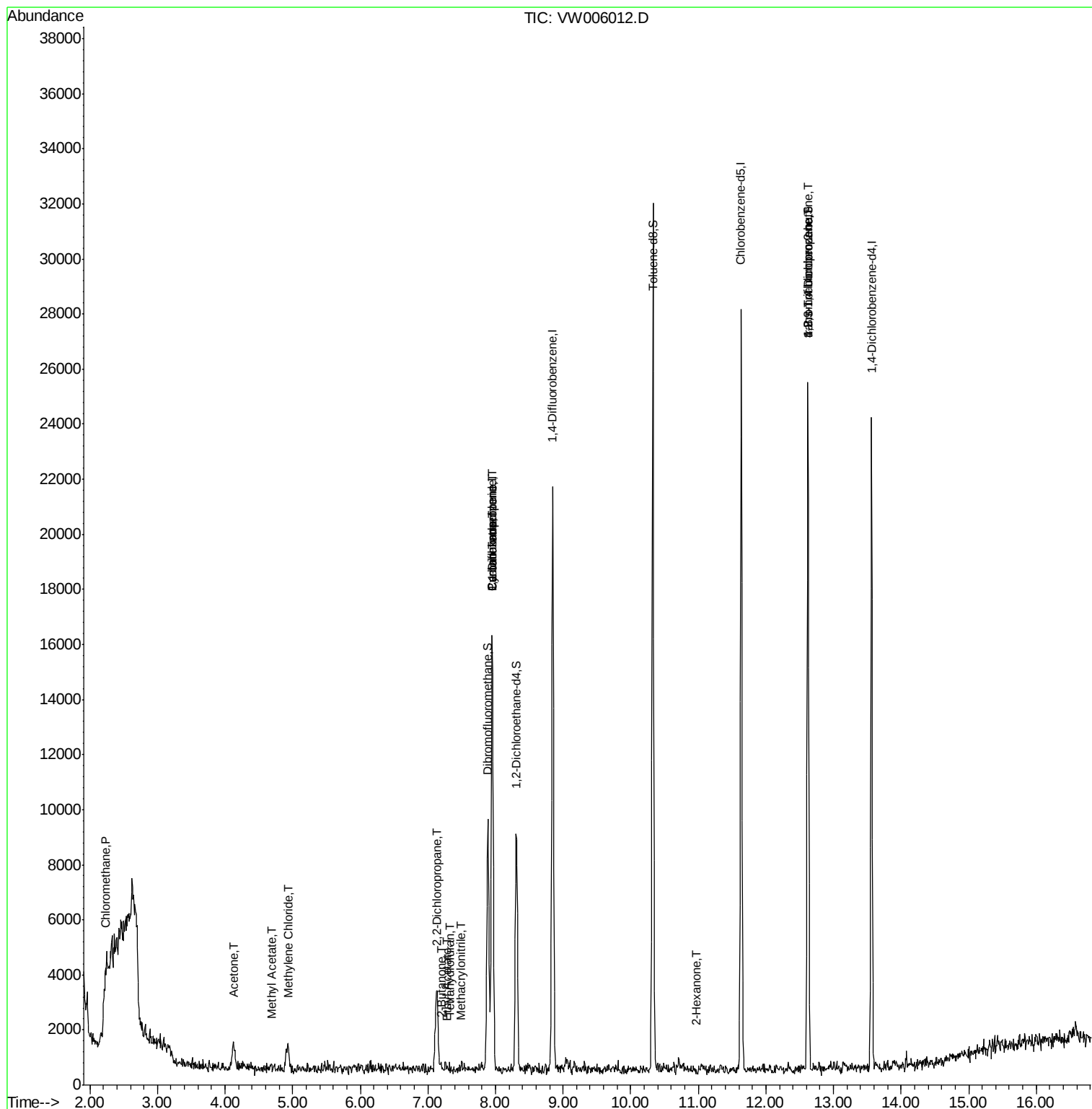
						Qvalue
3) Chloromethane	2.22	50	97	1.387	ug/l #	41
16) Acetone	4.13	43	1887	80.207	ug/l	96
18) Methyl Acetate	4.68	43	121	2.038	ug/l #	51
20) Methylene Chloride	4.93	84	724	6.142	ug/l	93
25) 2-Butanone	7.20	43	96	2.869	ug/l #	49
26) 2,2-Dichloropropane	7.13	77	197	1.343	ug/l #	52
29) Tetrahydrofuran	7.32	42	59	2.789	ug/l #	34
31) Cyclohexane	7.95	56	297	1.440	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	815	4.396	ug/l #	40
37) Ethyl Acetate	7.28	43	206	2.624	ug/l #	69
38) Carbon Tetrachloride	7.95	117	1183	5.939	ug/l #	11
41) Methacrylonitrile	7.49	41	154	3.133	ug/l #	30
59) 2-Hexanone	10.97	43	68	1.187	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	3686	61.414	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	3686	129.651	ug/l #	11

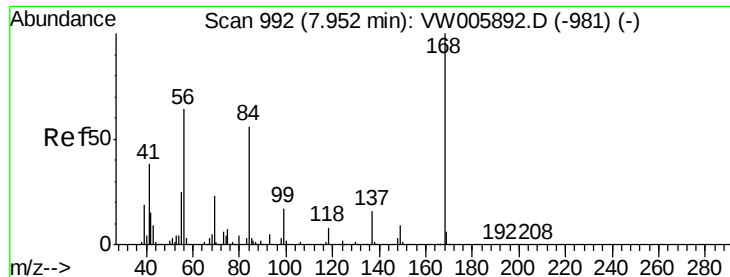
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006012.D

Acq: 11 Oct 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

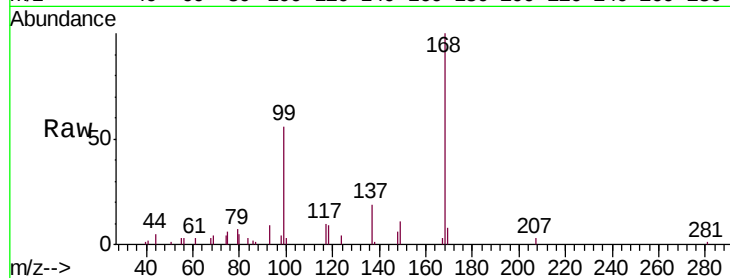
FK-GF-02-027-B

Tgt Ion:168 Resp: 12133

Ion Ratio Lower Upper

168 100

99 56.3 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

6000

5000

4000

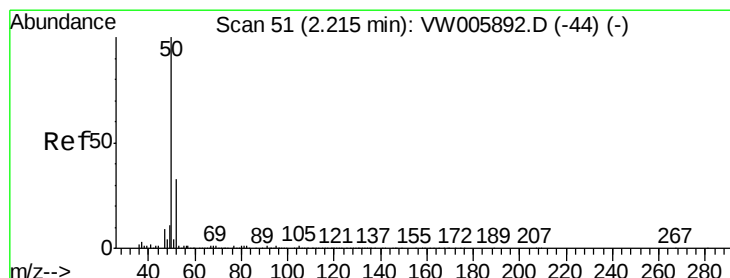
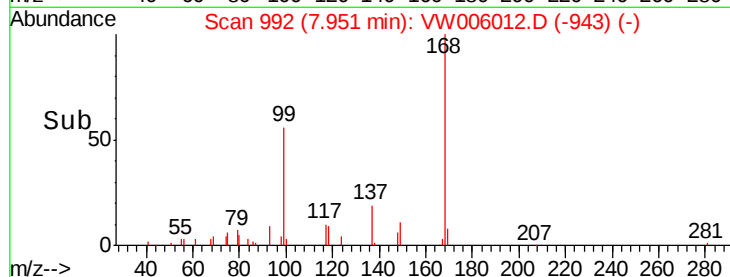
3000

2000

1000

0

Time-->



#3

Chloromethane

Concen: 1.387 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW006012.D

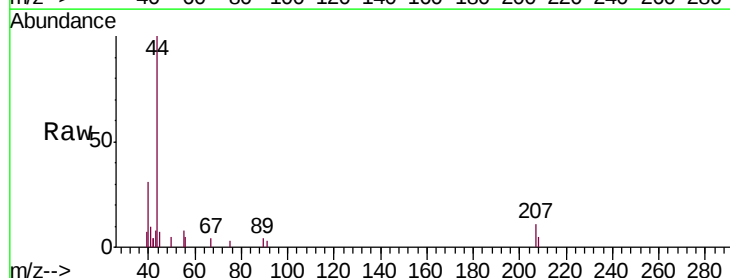
Acq: 11 Oct 2018 03:17

Tgt Ion: 50 Resp: 97

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

80

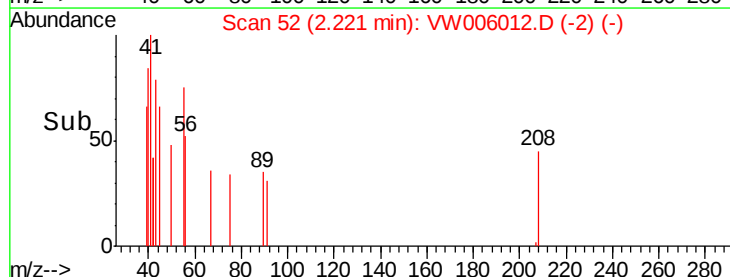
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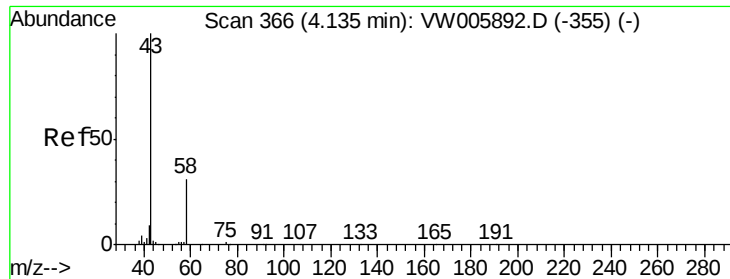
40

20

0

Time-->





#16

Acetone

Concen: 80.207 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006012.D

Acq: 11 Oct 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

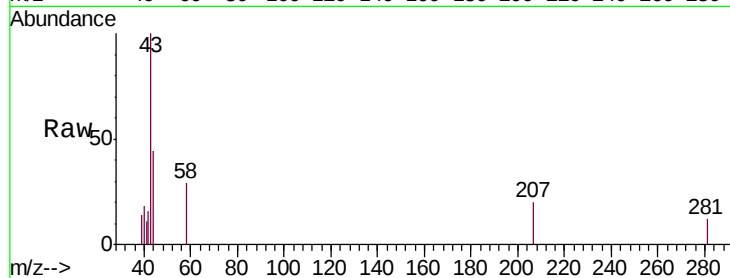
FK-GF-02-027-B

Tgt Ion: 43 Resp: 1887

Ion Ratio Lower Upper

43 100

58 28.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

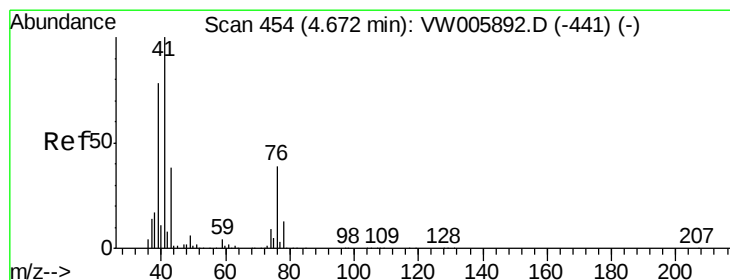
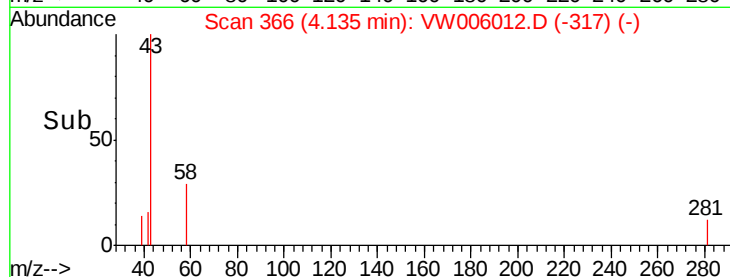
400

200

0

4.00 4.05 4.10 4.15 4.20

Time-->



#18

Methyl Acetate

Concen: 2.038 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006012.D

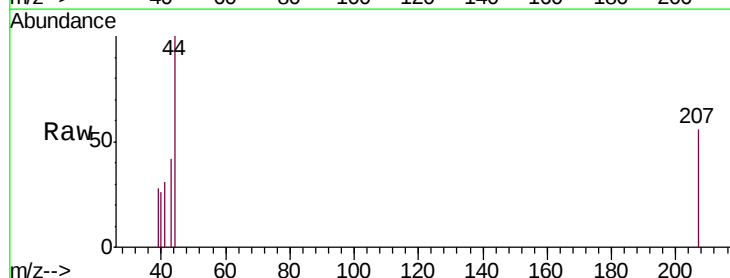
Acq: 11 Oct 2018 03:17

Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

120

100

80

60

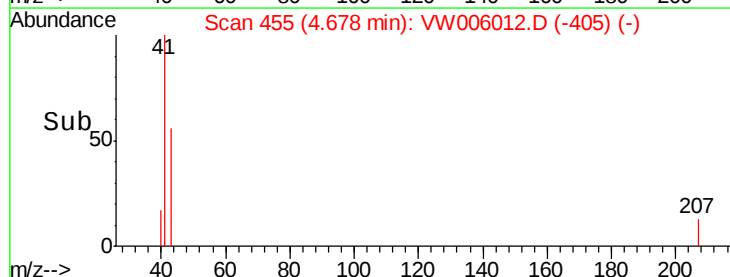
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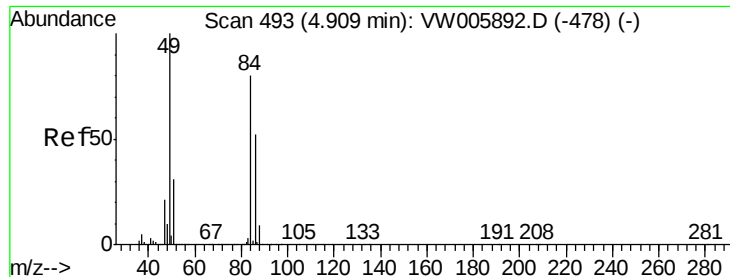
20

0

4.66 4.68 4.70 4.72

Time-->





#20

Methylene Chloride

Concen: 6.142 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

Lab File: VW006012.D

Acq: 11 Oct 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-B

Tgt Ion: 84 Resp: 724

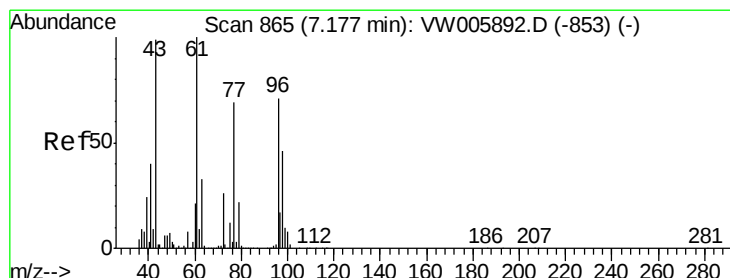
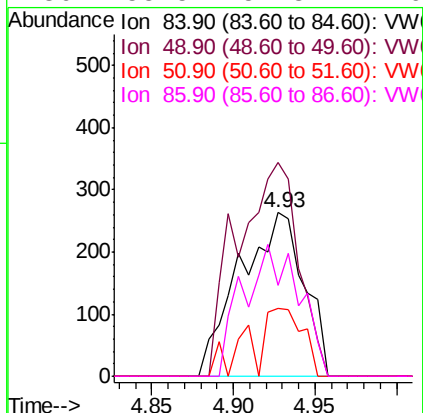
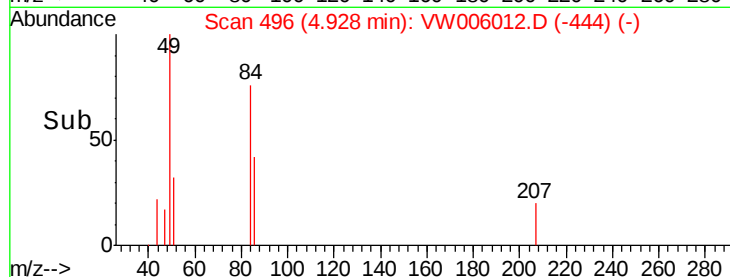
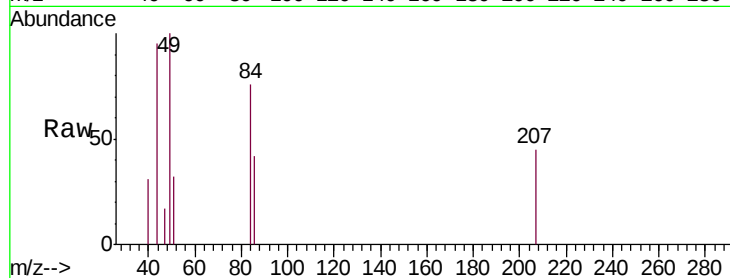
Ion Ratio Lower Upper

84 100

49 130.8 99.9 149.9

51 41.8 31.1 46.7

86 55.5 51.8 77.6



#25

2-Butanone

Concen: 2.869 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW006012.D

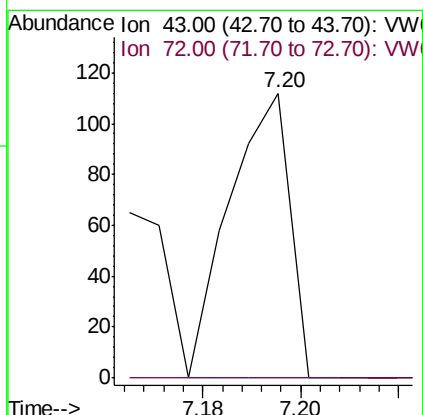
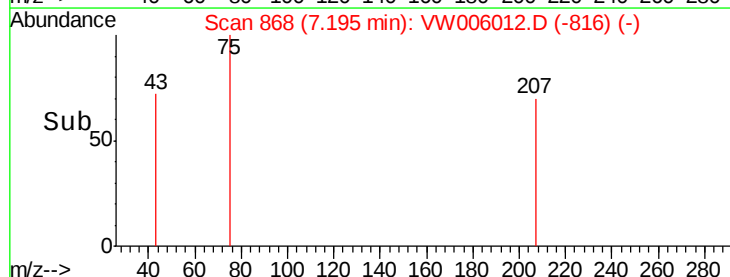
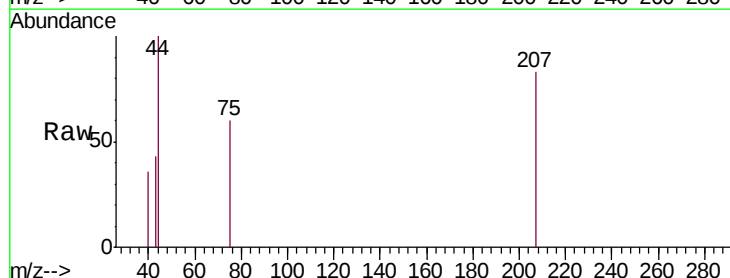
Acq: 11 Oct 2018 03:17

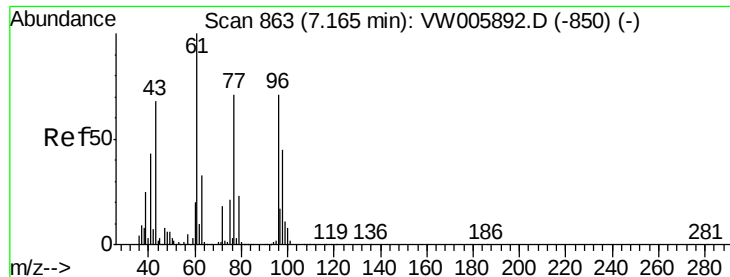
Tgt Ion: 43 Resp: 96

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#

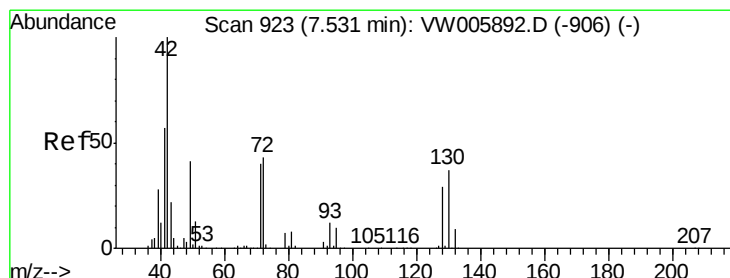
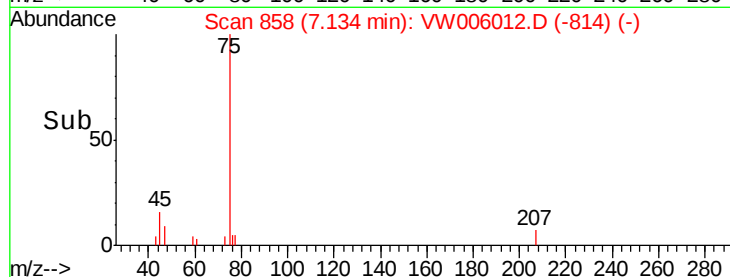
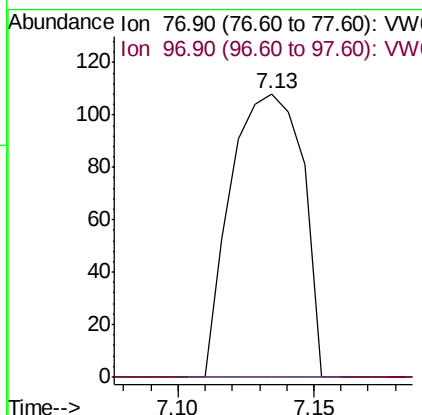
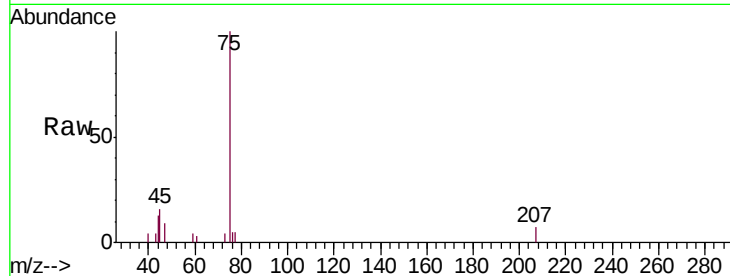




#26
 2,2-Dichloropropane
 Concen: 1.343 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW006012.D
 Acq: 11 Oct 2018 03:17

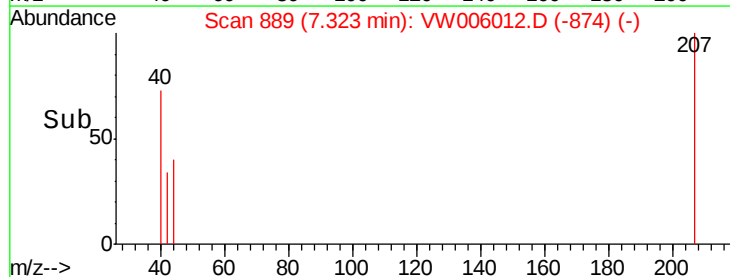
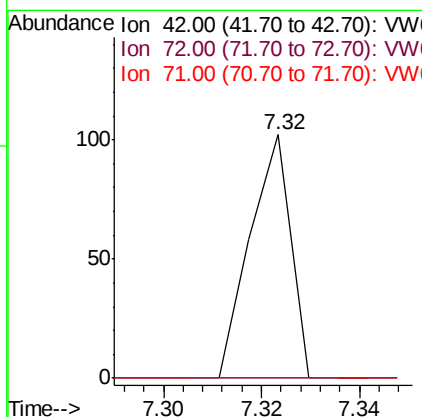
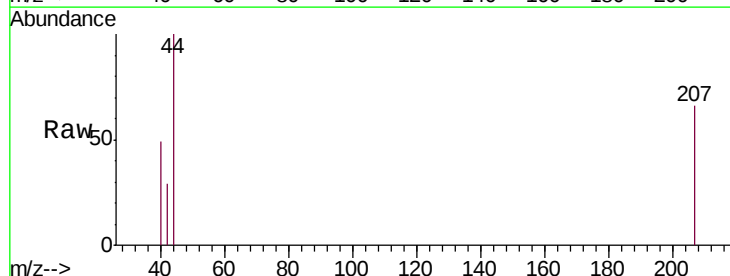
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-027-B

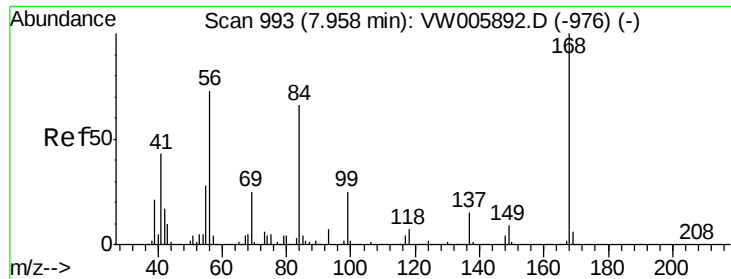
Tgt Ion: 77 Resp: 197
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.7#



#29
 Tetrahydrofuran
 Concen: 2.789 ug/l
 RT: 7.32 min Scan# 889
 Delta R.T. -0.21 min
 Lab File: VW006012.D
 Acq: 11 Oct 2018 03:17

Tgt Ion: 42 Resp: 59
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.6 51.8#
 71 0.0 32.6 49.0#

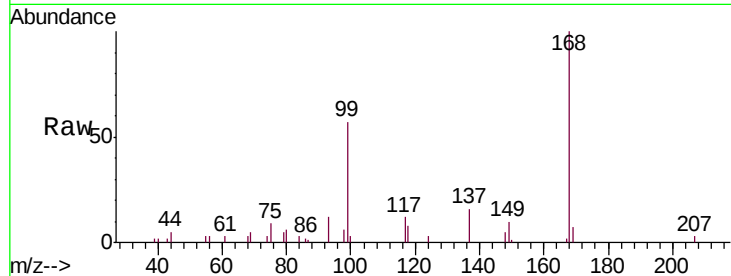




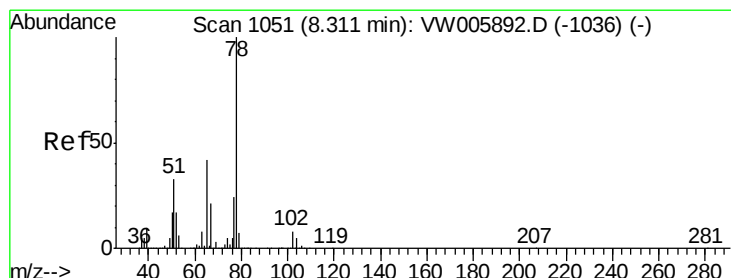
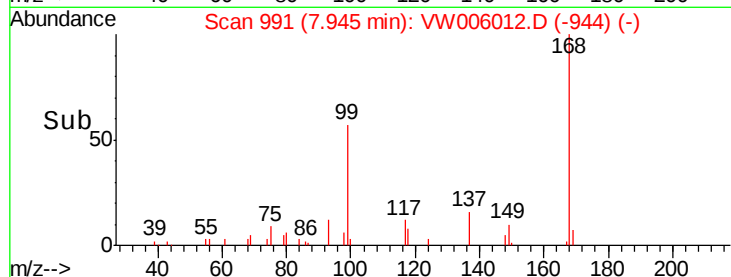
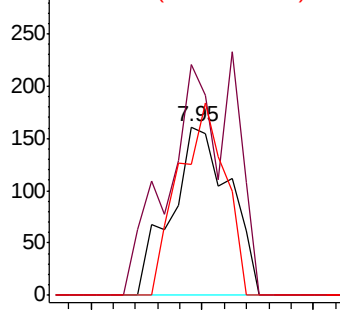
#31
Cyclohexane
Concen: 1.440 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006012.D
Acq: 11 Oct 2018 03:17

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

Tgt Ion: 56 Resp: 297
Ion Ratio Lower Upper
56 100
69 137.3 27.9 41.9#
84 77.6 72.3 108.5

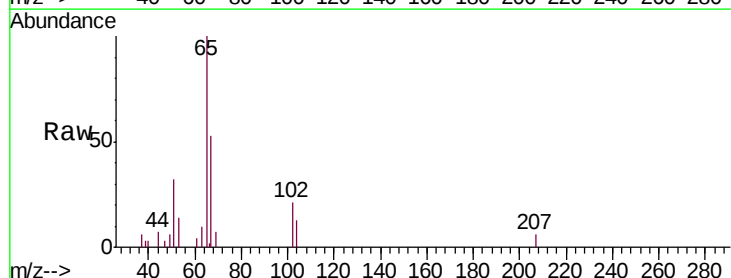


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

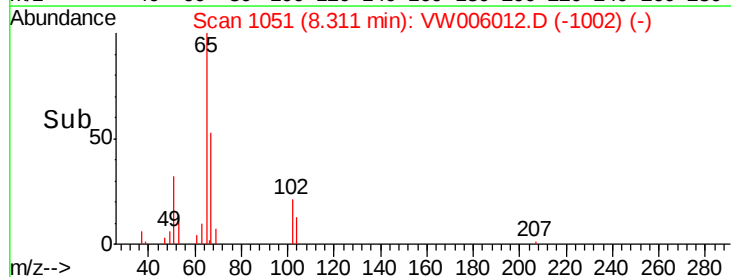
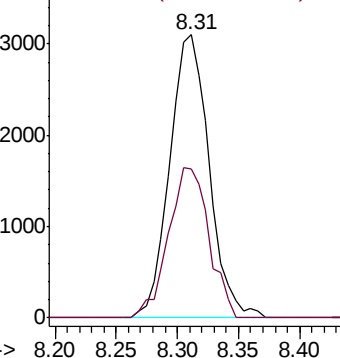


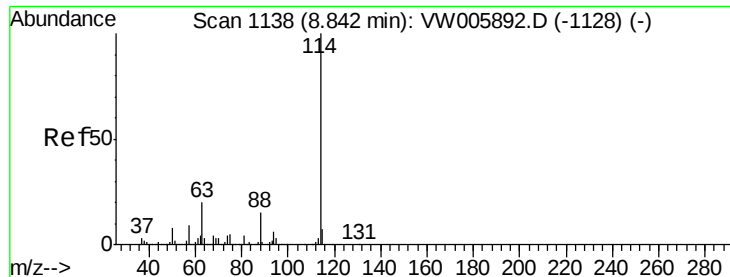
#33
1,2-Dichloroethane-d4
Concen: 58.836 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006012.D
Acq: 11 Oct 2018 03:17

Tgt Ion: 65 Resp: 6930
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

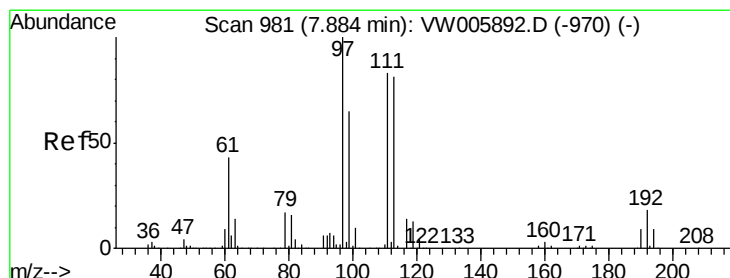
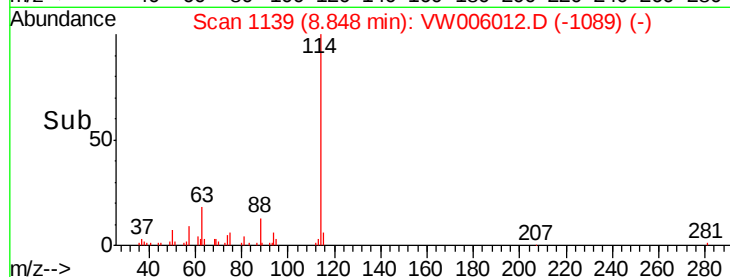
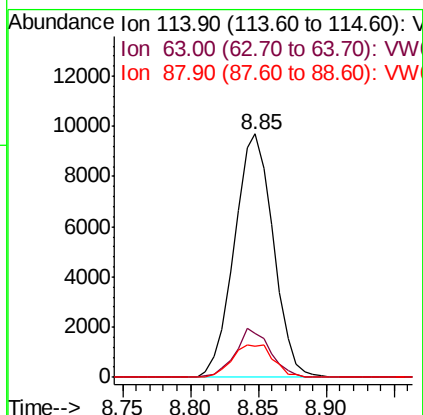
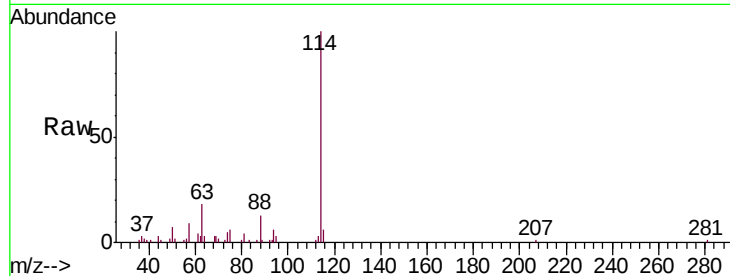




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006012.D
 Acq: 11 Oct 2018 03:17

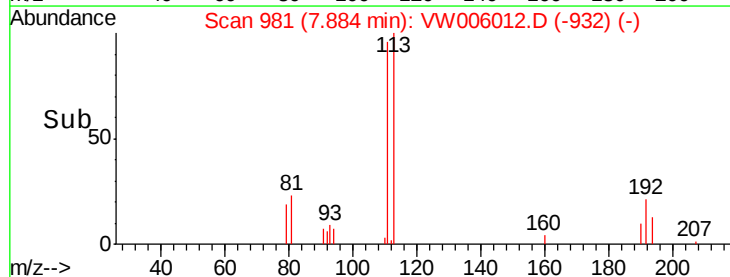
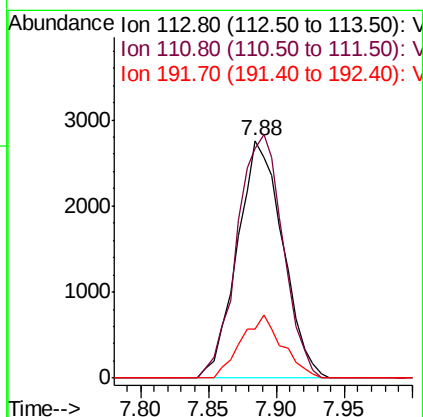
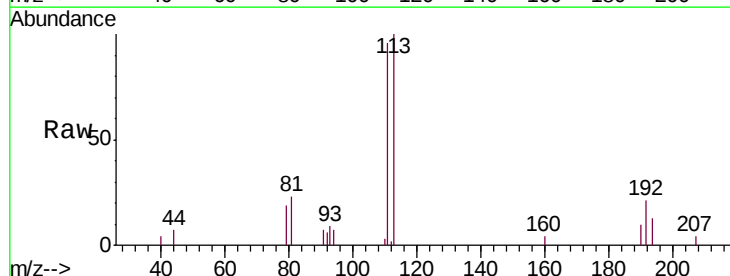
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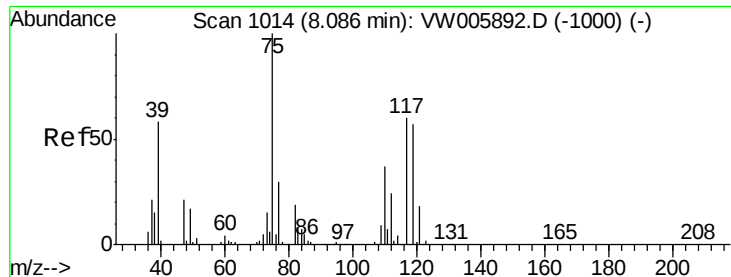
Tgt Ion:114 Resp: 19349
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.2
 88 12.8 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 52.212 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006012.D
 Acq: 11 Oct 2018 03:17

Tgt Ion:113 Resp: 6450
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 24.1 18.3 27.5

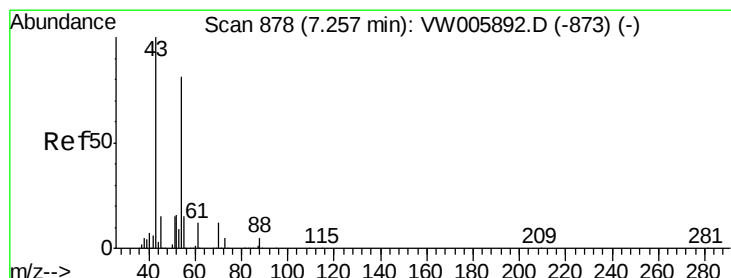
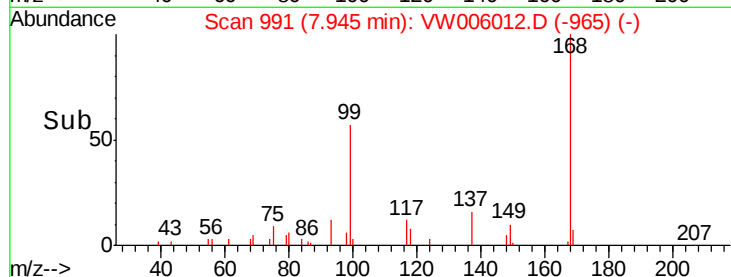
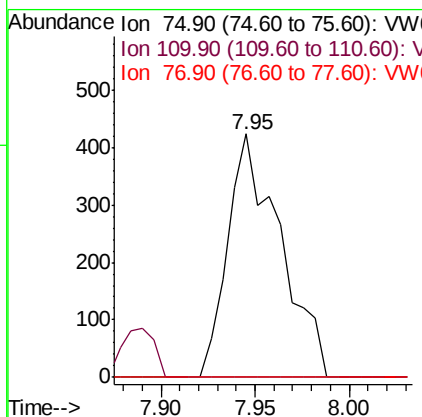
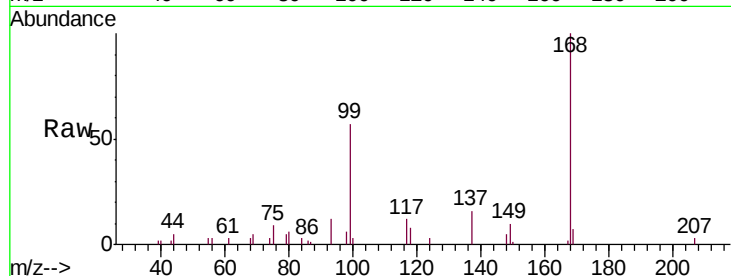




#36
 1,1-Dichloropropene
 Concen: 4.396 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006012.D
 Acq: 11 Oct 2018 03:17

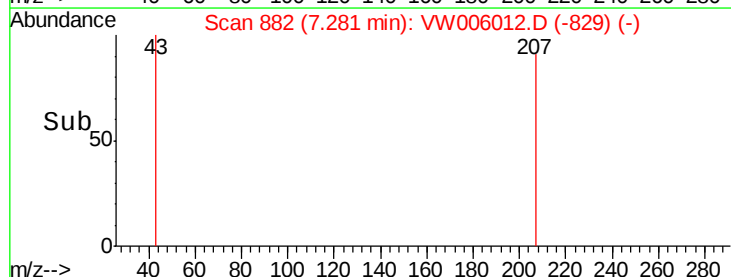
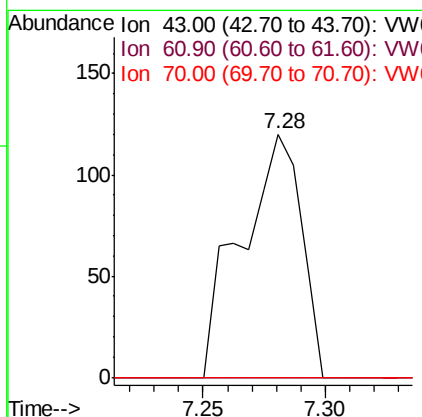
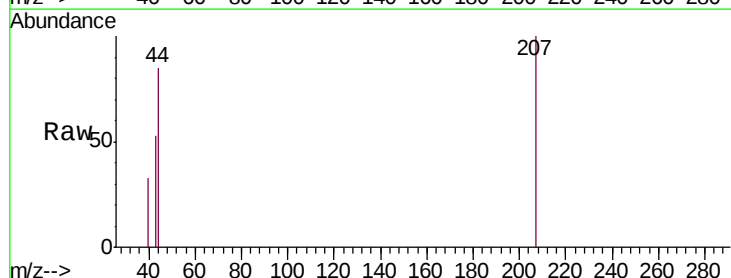
Instrument :
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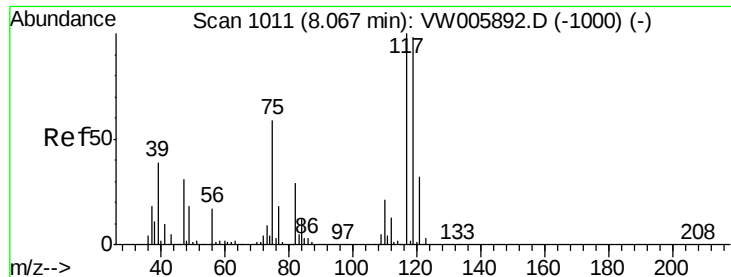
Tgt Ion: 75 Resp: 815
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 56.0#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 2.624 ug/l
 RT: 7.28 min Scan# 882
 Delta R.T. 0.02 min
 Lab File: VW006012.D
 Acq: 11 Oct 2018 03:17

Tgt Ion: 43 Resp: 206
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 0.0 8.6 13.0#

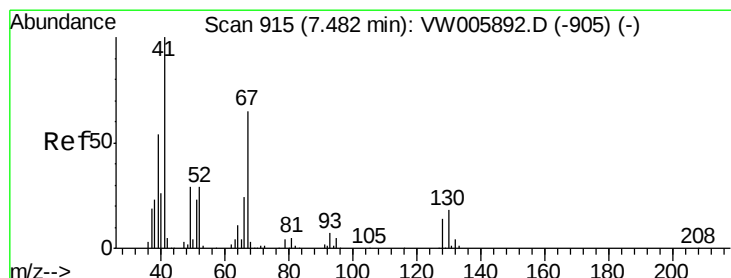
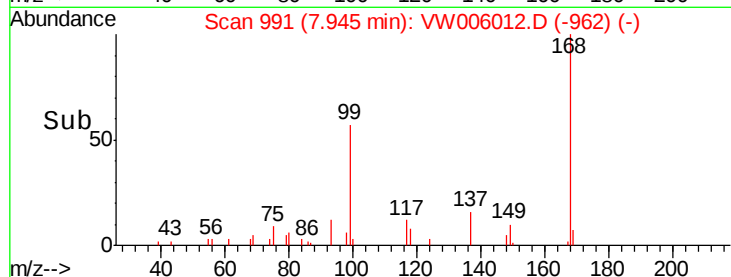
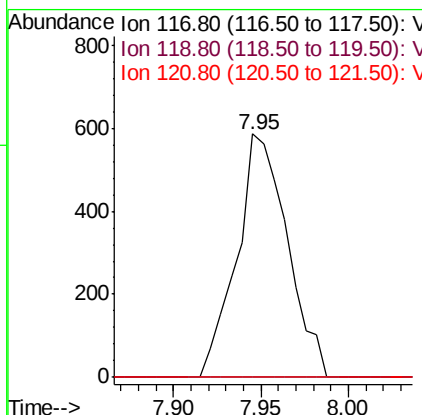
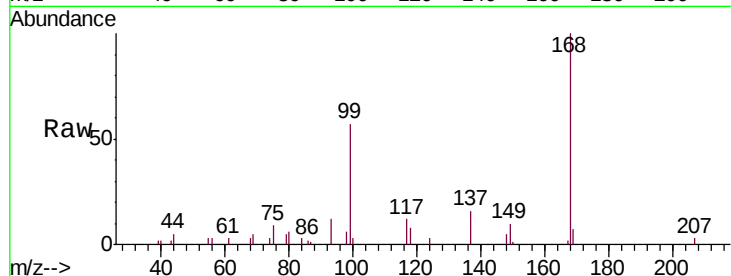




#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW006012.D
Acq: 11 Oct 2018 03:17

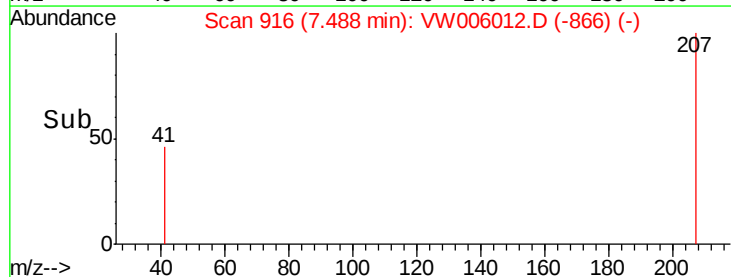
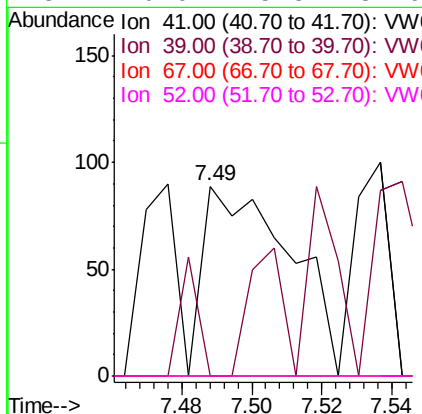
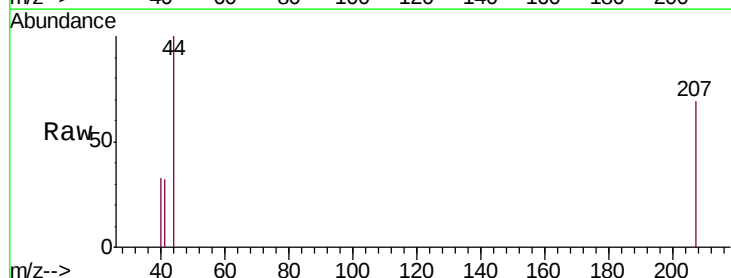
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-027-B

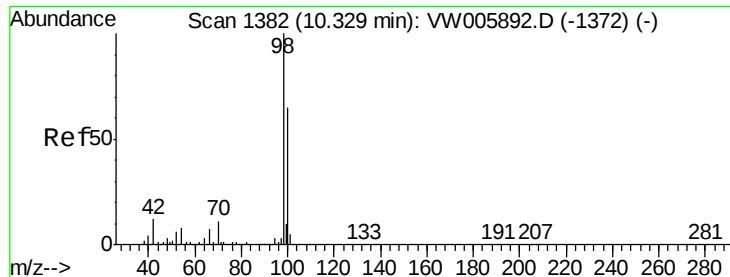
Tgt Ion: 117 Resp: 1183
Ion Ratio Lower Upper
117 100
119 0.0 78.6 117.8#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 3.133 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006012.D
Acq: 11 Oct 2018 03:17

Tgt Ion: 41 Resp: 154
Ion Ratio Lower Upper
41 100
39 13.0 45.0 67.4#
67 0.0 55.8 83.8#
52 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 45.740 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006012.D

Acq: 11 Oct 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

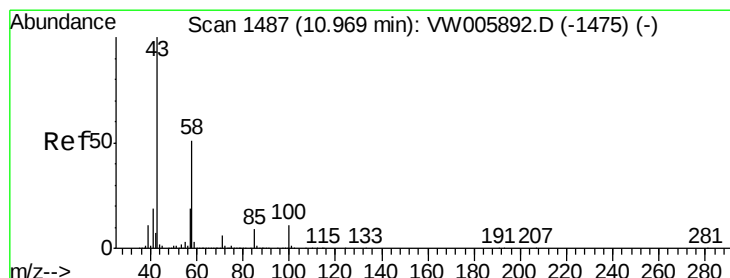
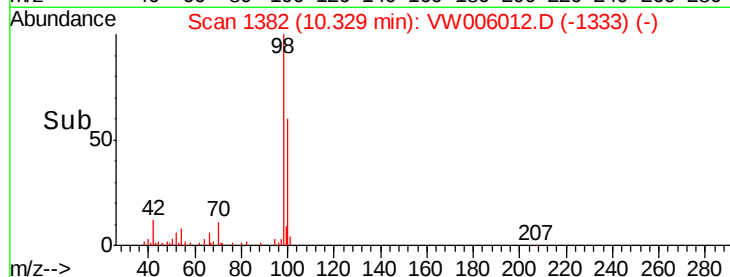
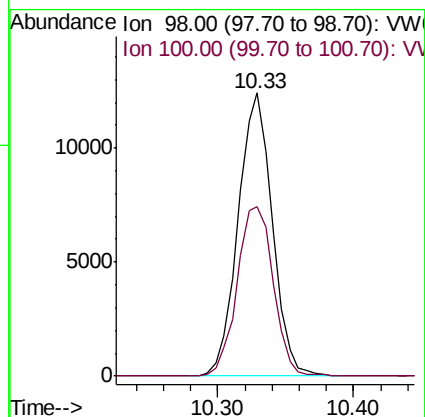
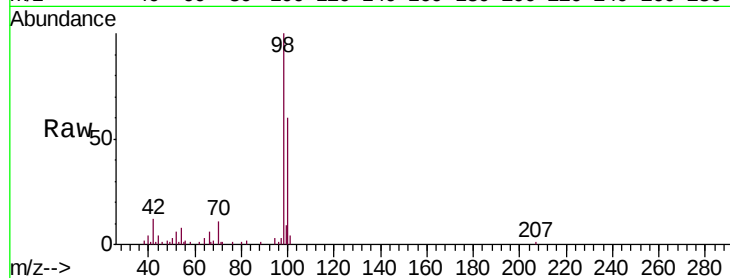
FK-GF-02-027-B

Tgt Ion: 98 Resp: 21740

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#59

2-Hexanone

Concen: 1.187 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW006012.D

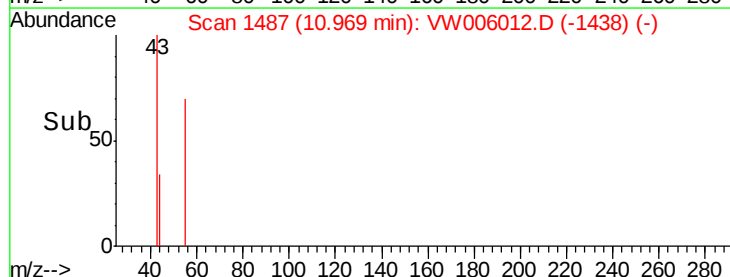
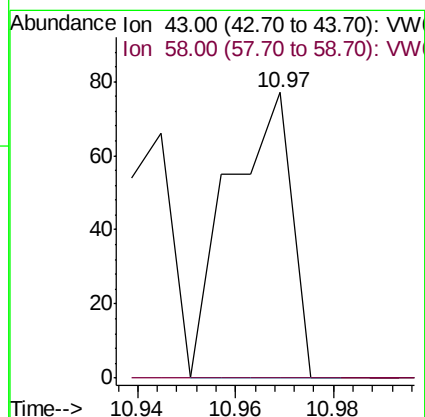
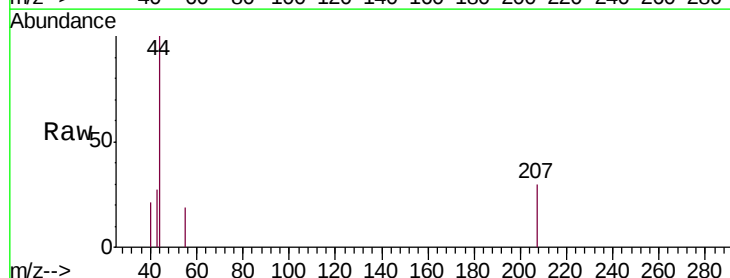
Acq: 11 Oct 2018 03:17

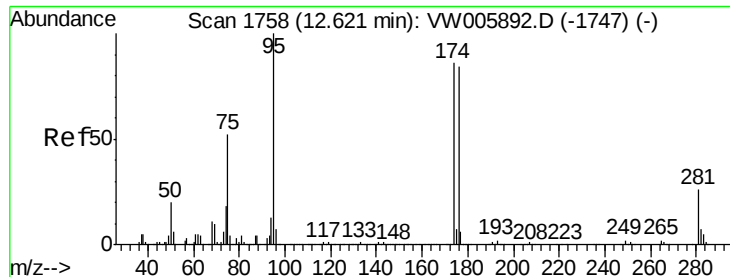
Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

58 0.0 25.7 77.1#

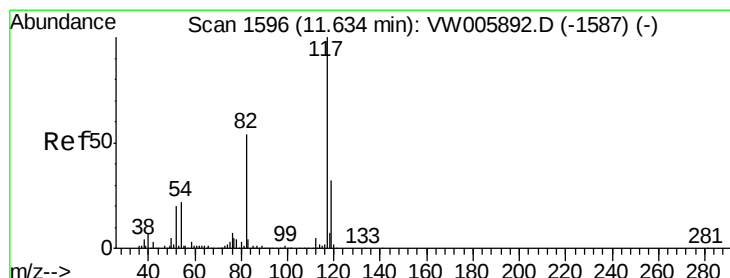
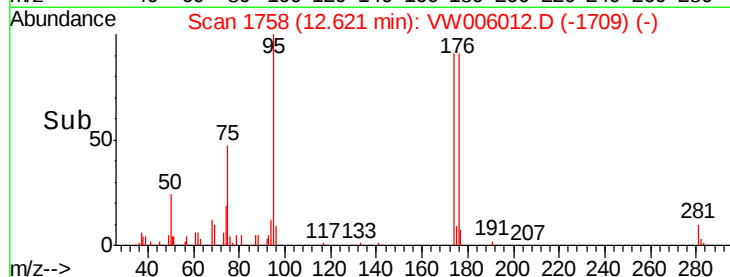
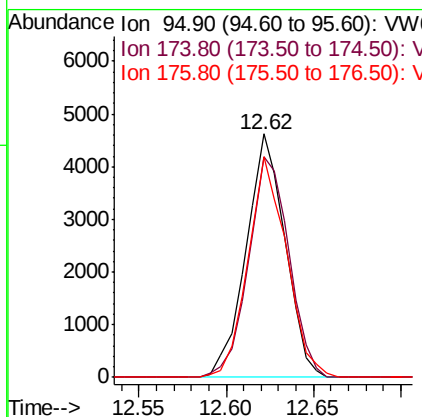
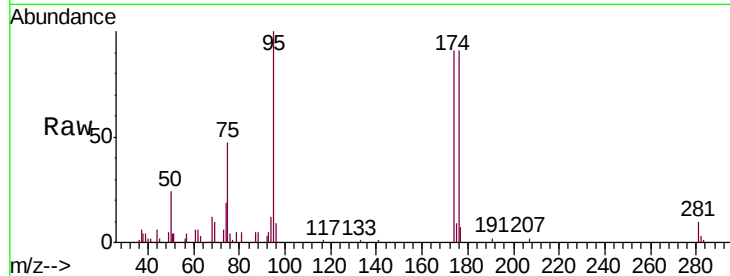




#62
4-Bromofluorobenzene
Concen: 39.451 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006012.D
Acq: 11 Oct 2018 03:17

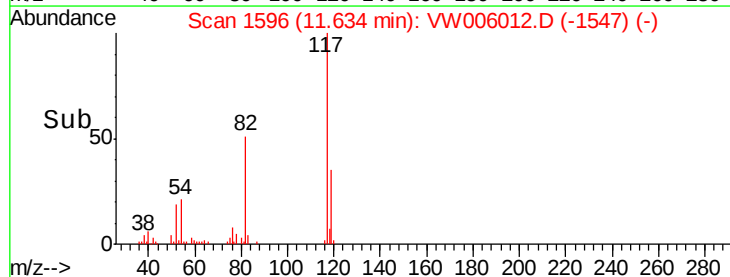
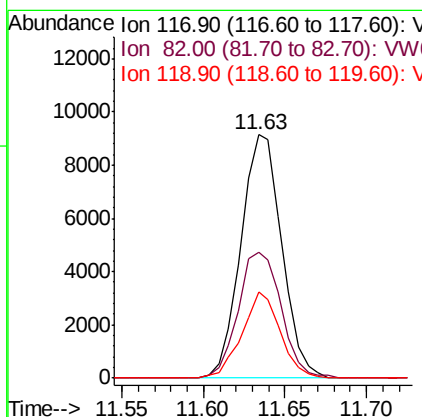
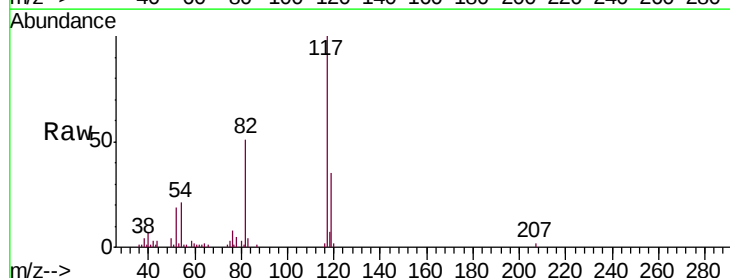
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-027-B

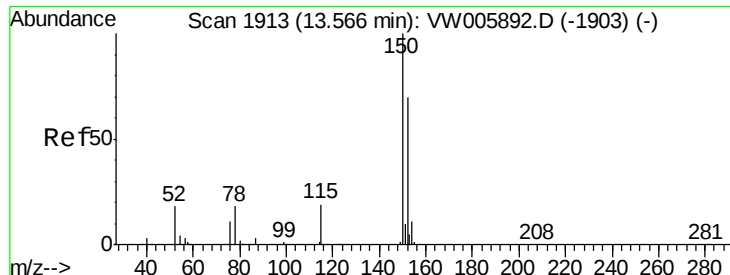
Tgt Ion: 95 Resp: 7134
Ion Ratio Lower Upper
95 100
174 94.0 0.0 176.4
176 89.7 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006012.D
Acq: 11 Oct 2018 03:17

Tgt Ion: 117 Resp: 15901
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 35.3 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: VW006012.D

Acq: 11 Oct 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-B

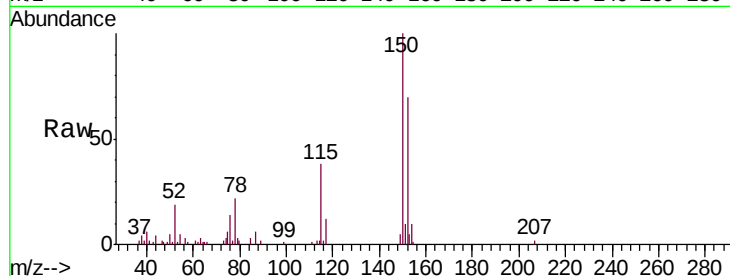
Tgt Ion: 152 Resp: 6719

Ion Ratio Lower Upper

152 100

115 54.4 28.3 85.0

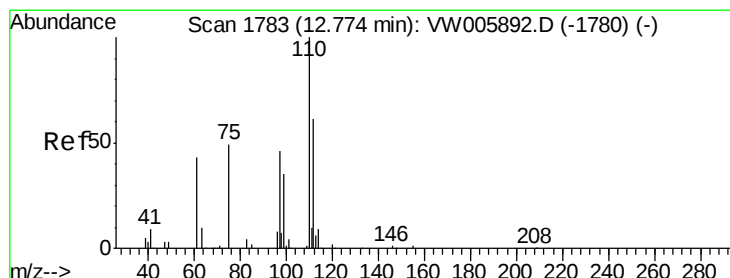
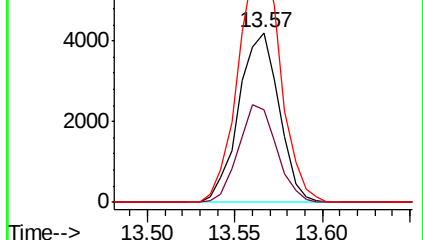
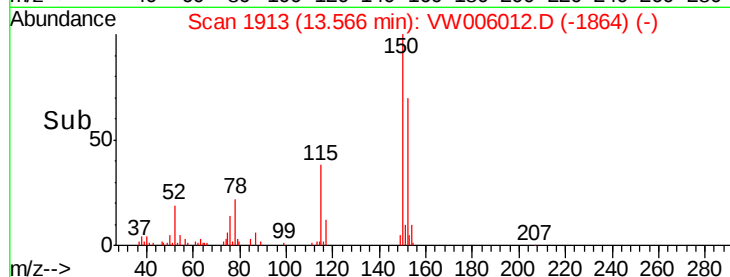
150 149.9 0.0 349.2



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: 61.414 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006012.D

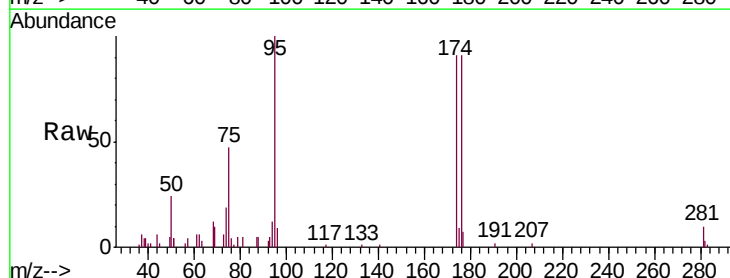
Acq: 11 Oct 2018 03:17

Tgt Ion: 75 Resp: 3686

Ion Ratio Lower Upper

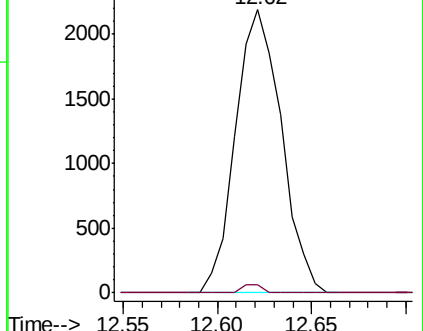
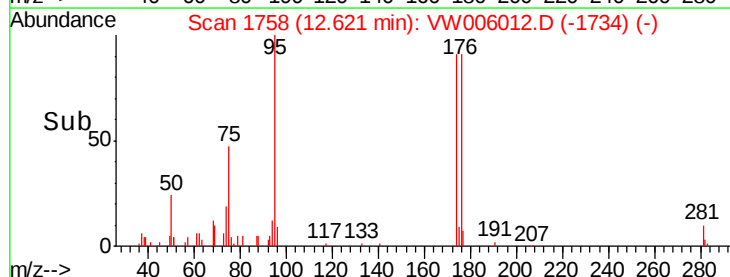
75 100

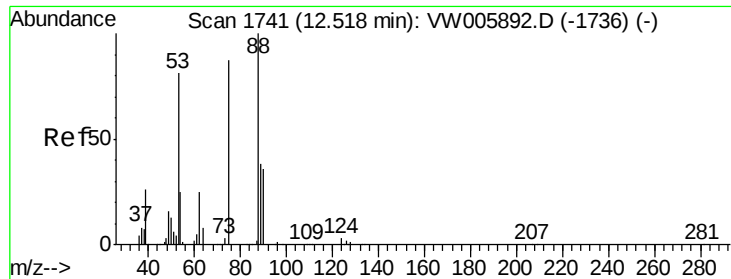
77 1.2 0.0 0.0#



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: 129.651 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006012.D

Acq: 11 Oct 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-027-B

Tgt Ion: 75 Resp: 3686

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

