

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091918\
 Data File : VF060291.D
 Acq On : 19 Sep 2018 20:54
 Operator : VA/AP
 Sample : J5004-02
 Misc : 10.49/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-02-026-A

Quant Time: Sep 20 12:34:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	267563	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	458487	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	346351	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	178551	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	149402	41.47	ug/l	0.00
Spiked Amount			Recovery	=	82.94%	
35) Dibromofluoromethane	4.28	113	166057	40.63	ug/l	-0.01
Spiked Amount			Recovery	=	81.26%	
50) Toluene-d8	7.70	98	380399	35.74	ug/l	-0.01
Spiked Amount			Recovery	=	71.48%	
62) 4-Bromofluorobenzene	11.50	95	149526	32.50	ug/l	0.00
Spiked Amount			Recovery	=	65.00%	

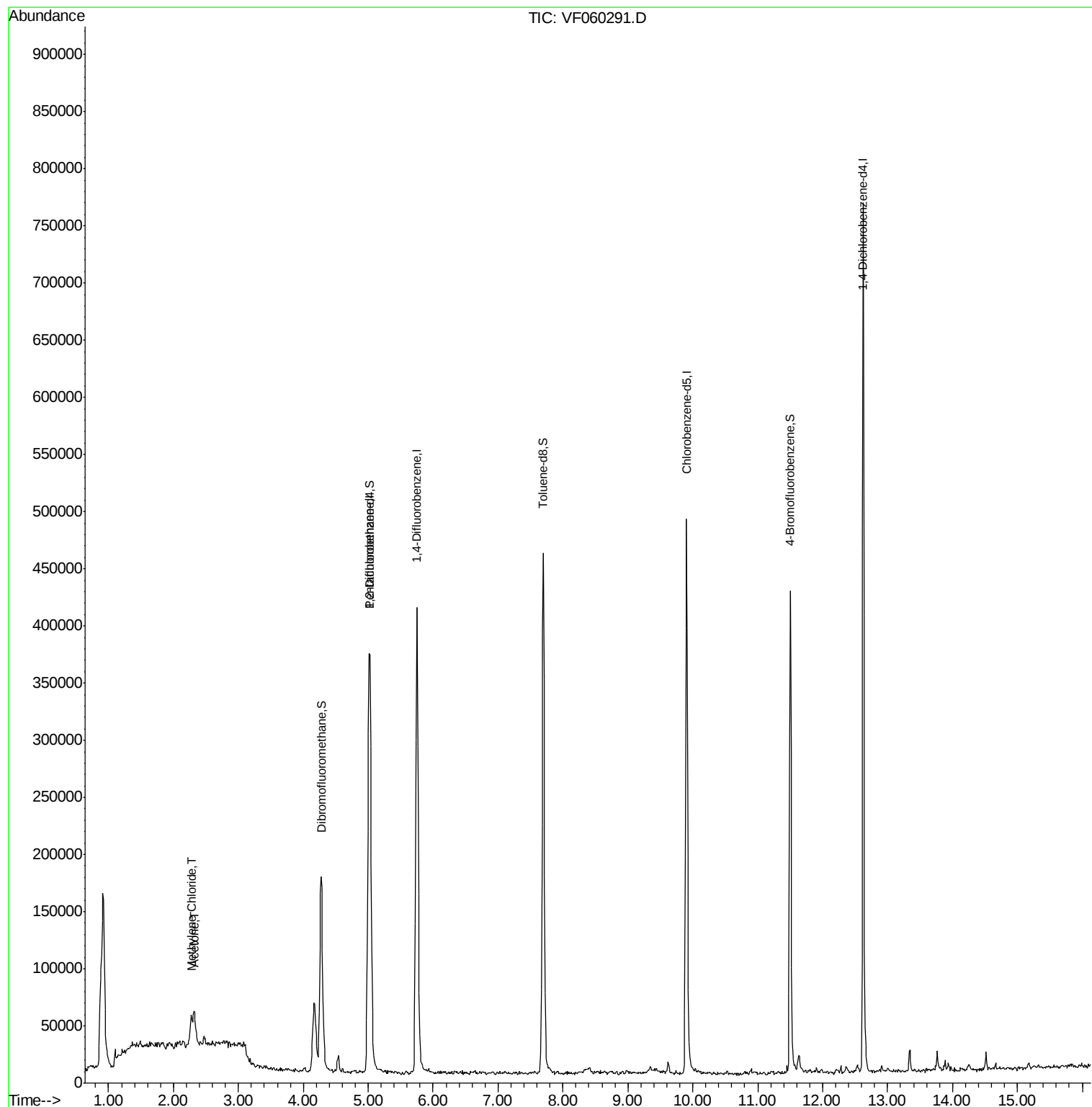
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	29652	29.22	ug/l #	87
20) Methylene Chloride	2.28	84	22769	1.03	ug/l #	80

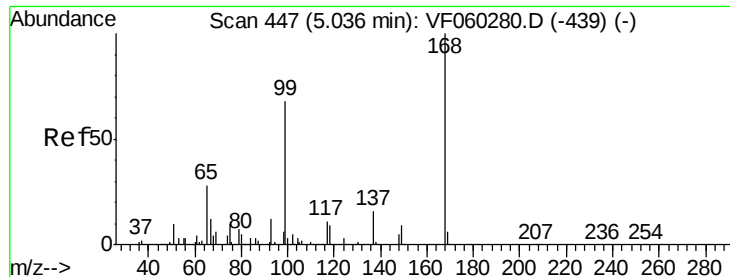
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060291.D

Acq: 19 Sep 2018 20:54

Instrument :

MSVOA_F

ClientSampleId :

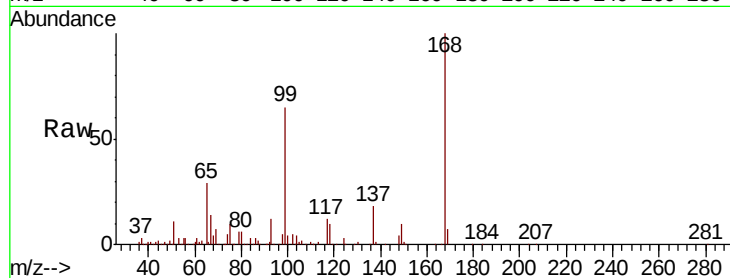
FK-GF-02-026-A

Tot Ion:168 Resp: 267563

Ion Ratio Lower Upper

168 100

99 65.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

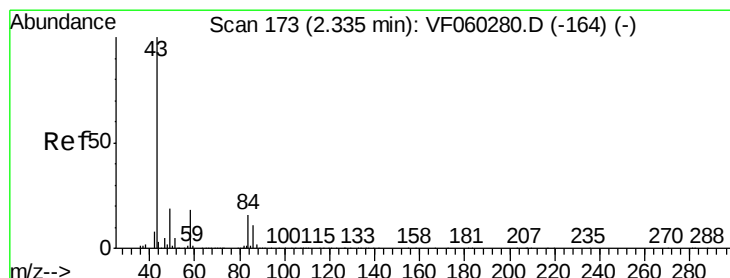
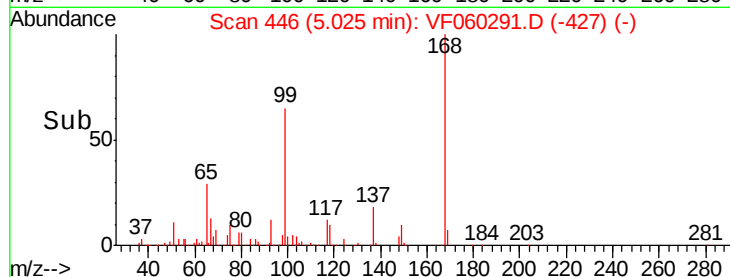
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 29.22 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.00 min

Lab File: VF060291.D

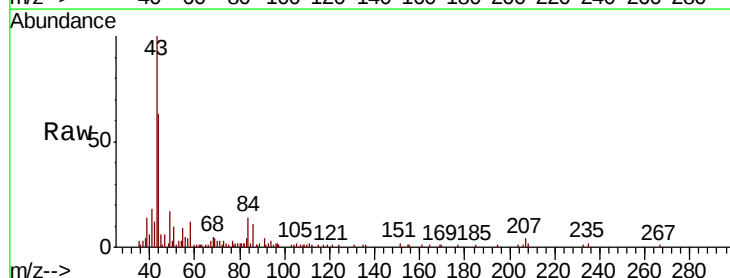
Acq: 19 Sep 2018 20:54

Tgt Ion: 43 Resp: 29652

Ion Ratio Lower Upper

43 100

58 12.3 14.5 21.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

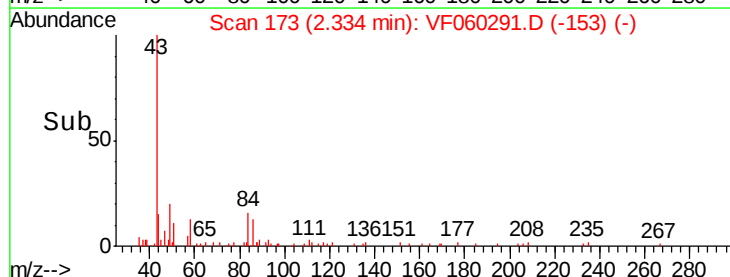
2.33

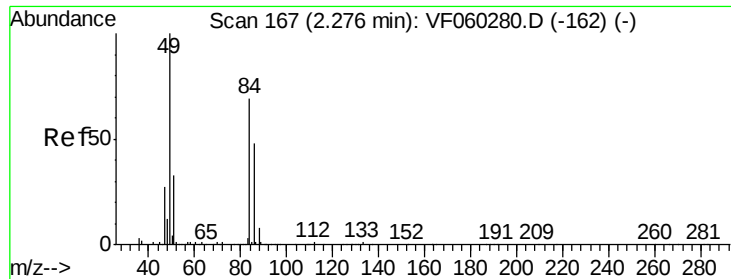
10000

5000

0

Time-->

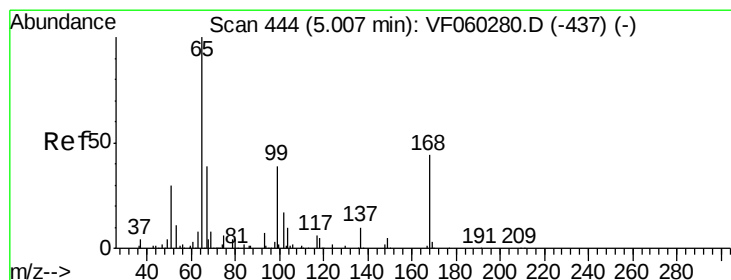
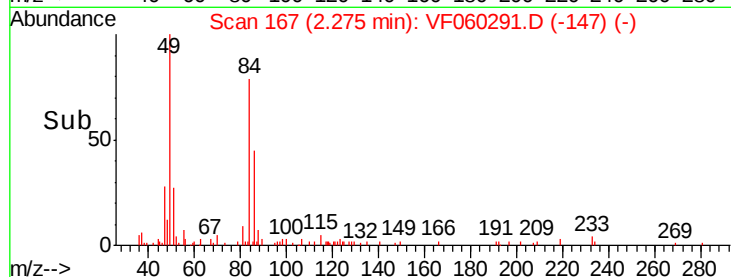
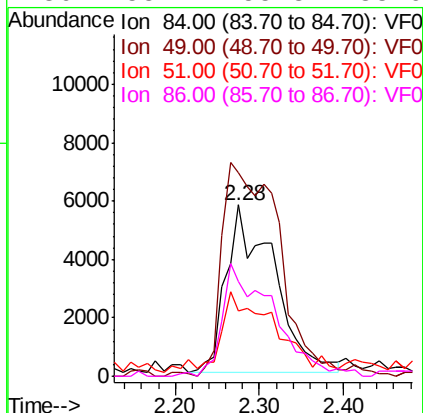
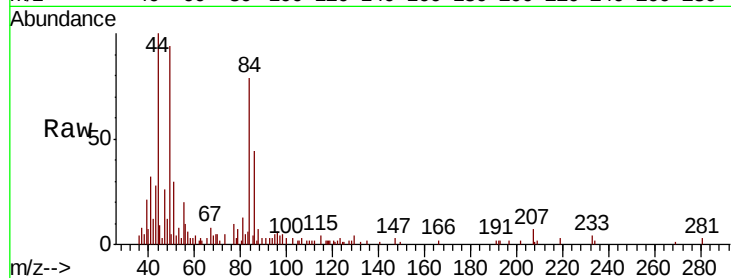




#20
Methylene Chloride
Concen: 1.03 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.00 min
Lab File: VF060291.D
Acq: 19 Sep 2018 20:54

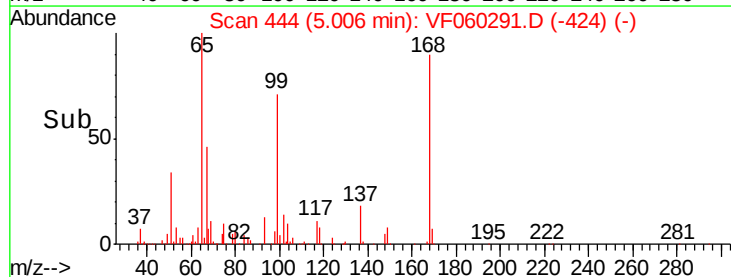
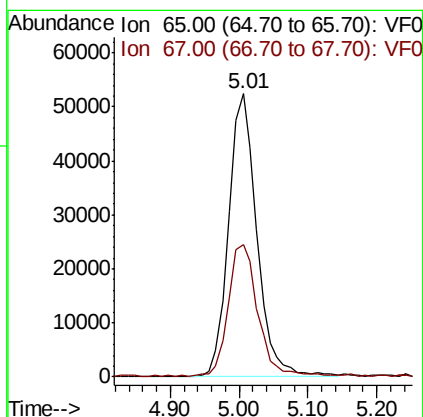
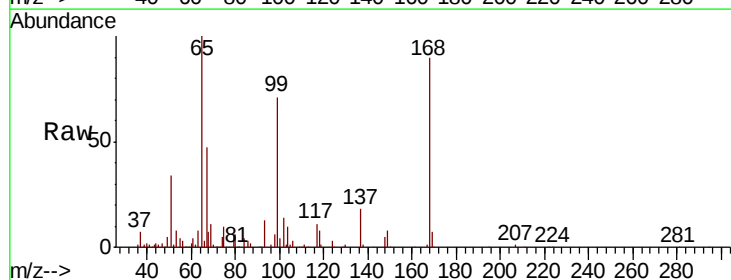
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-026-A

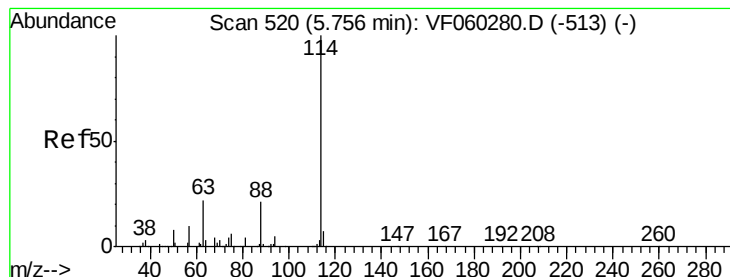
Tot Ion: 84 Resp: 22769
Ion Ratio Lower Upper
84 100
49 118.6 118.3 177.5
51 38.2 38.7 58.1#
86 55.2 55.8 83.6#



#33
1,2-Dichloroethane-d4
Concen: 41.47 ug/l
RT: 5.01 min Scan# 444
Delta R.T. -0.00 min
Lab File: VF060291.D
Acq: 19 Sep 2018 20:54

Tgt Ion: 65 Resp: 149402
Ion Ratio Lower Upper
65 100
67 46.6 0.0 94.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 520

Delta R.T. -0.00 min

Lab File: VF060291.D

Acq: 19 Sep 2018 20:54

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-02-026-A

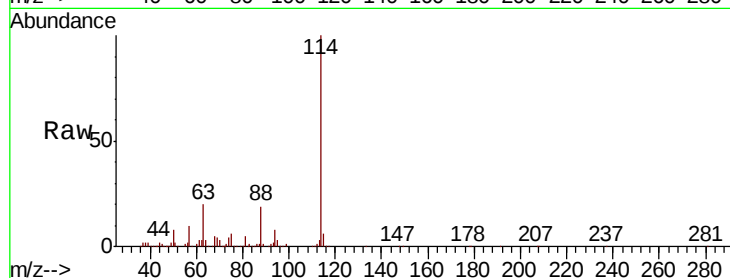
Tot Ion:114 Resp: 458487

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.8

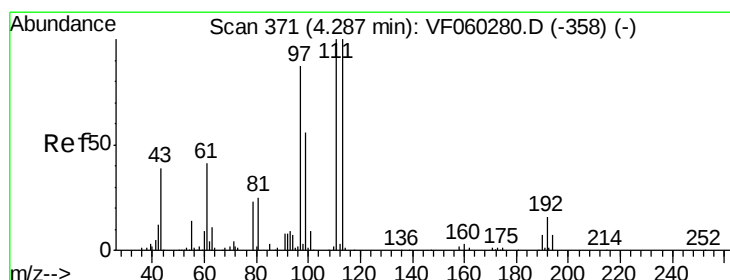
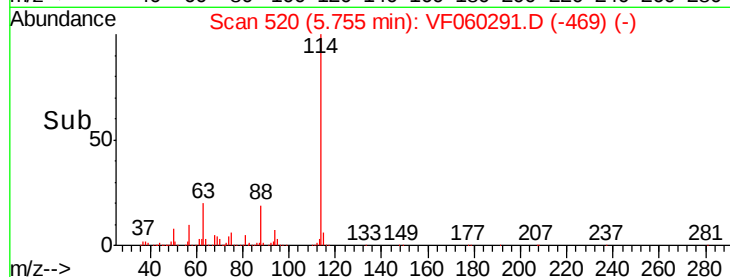
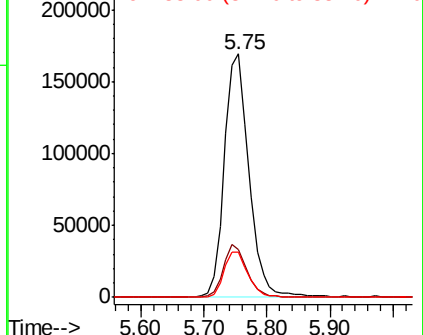
88 18.6 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 40.63 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060291.D

Acq: 19 Sep 2018 20:54

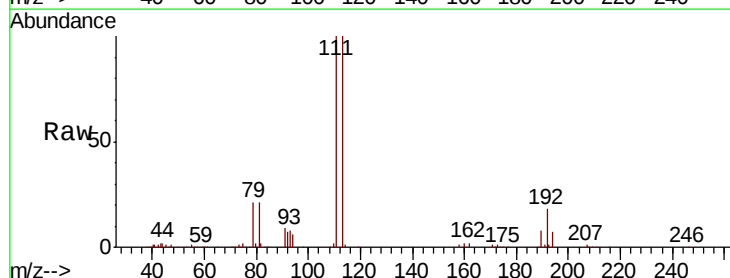
Tgt Ion:113 Resp: 166057

Ion Ratio Lower Upper

113 100

111 99.8 79.6 119.4

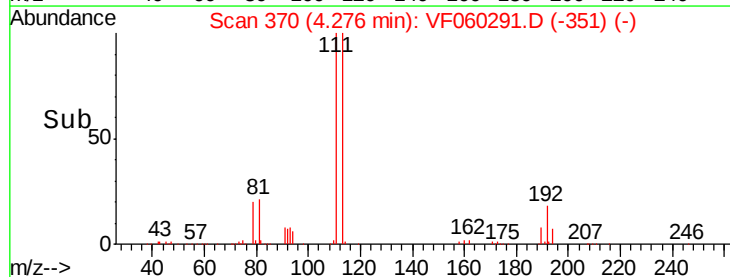
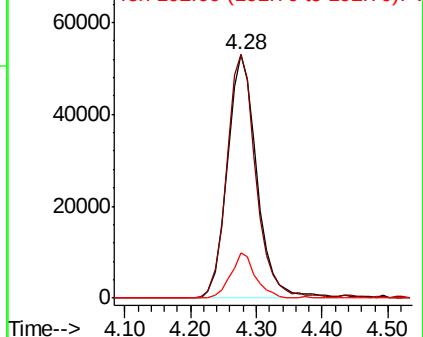
192 18.3 13.0 19.6

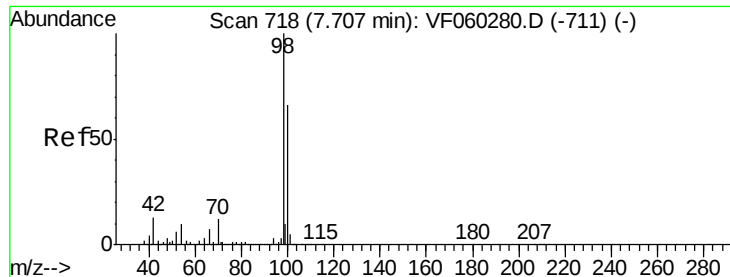


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

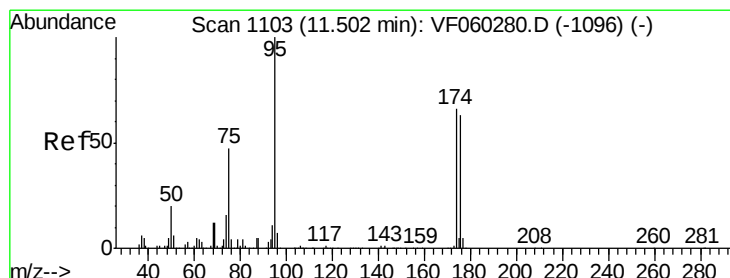
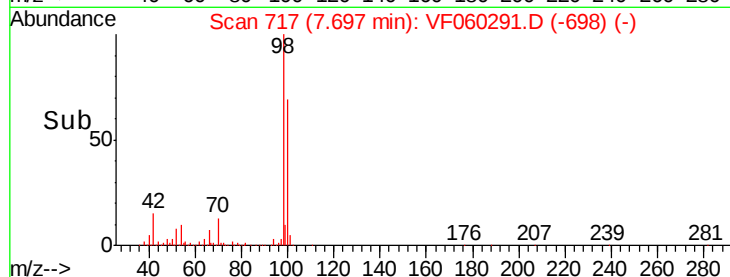
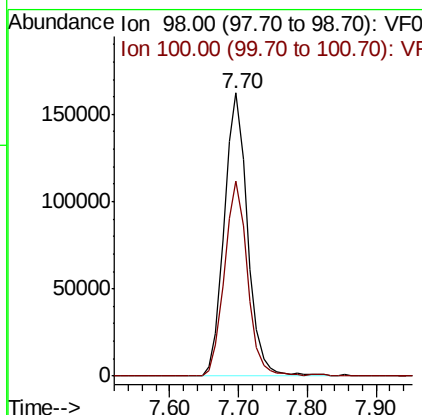
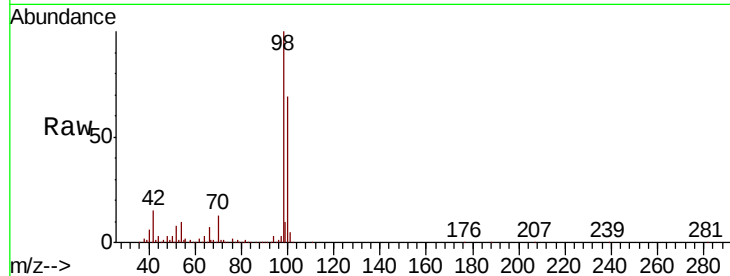




#50
Toluene-d8
Concen: 35.74 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060291.D
Acq: 19 Sep 2018 20:54

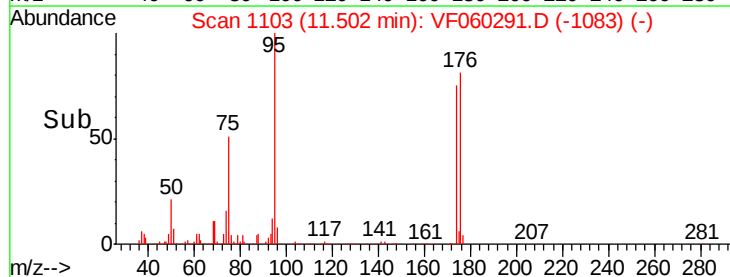
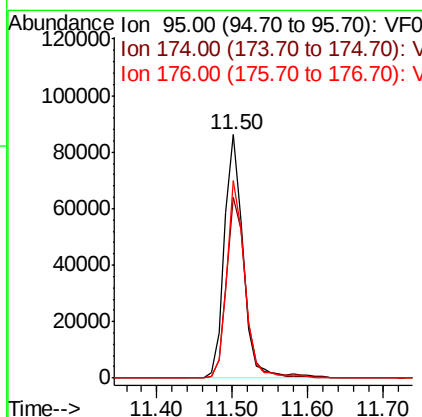
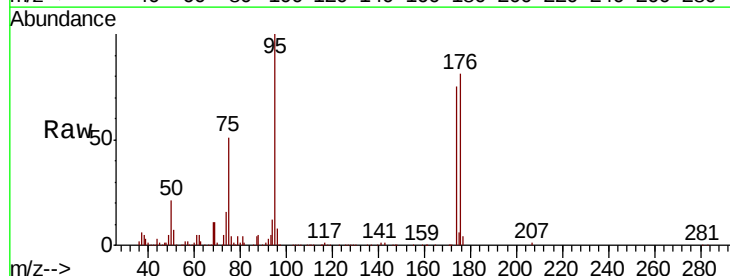
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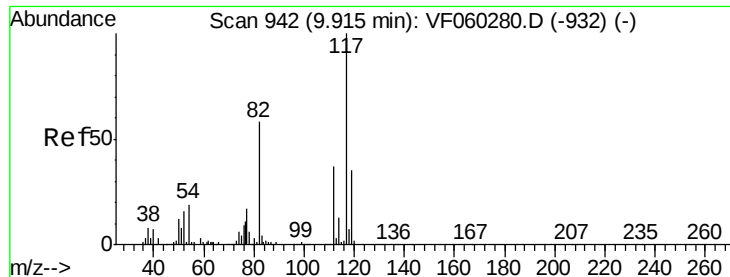
Tot Ion: 98 Resp: 380399
Ion Ratio Lower Upper
98 100
100 69.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 32.50 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060291.D
Acq: 19 Sep 2018 20:54

Tgt Ion: 95 Resp: 149526
Ion Ratio Lower Upper
95 100
174 74.5 0.0 131.2
176 80.9 0.0 126.6

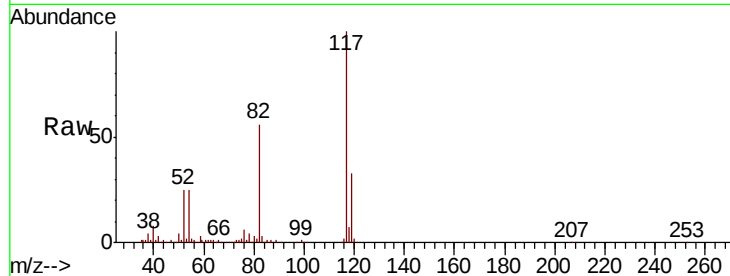




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060291.D
Acq: 19 Sep 2018 20:54

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-026-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.2
119	32.9	27.8	41.6

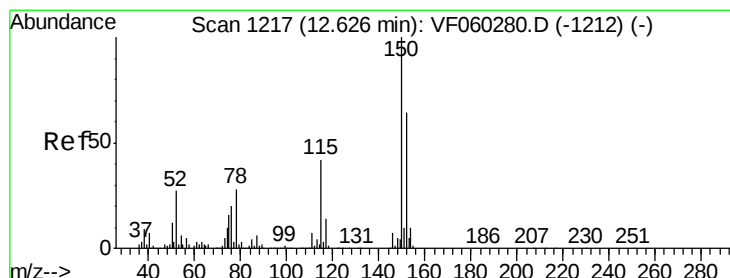
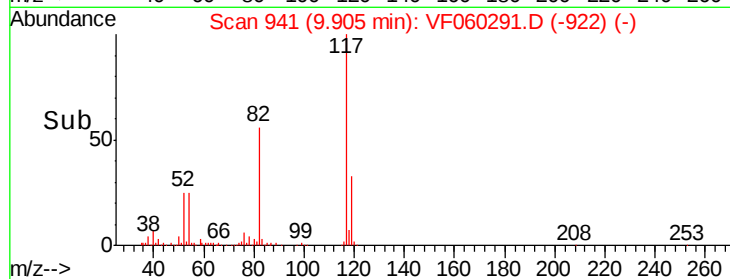
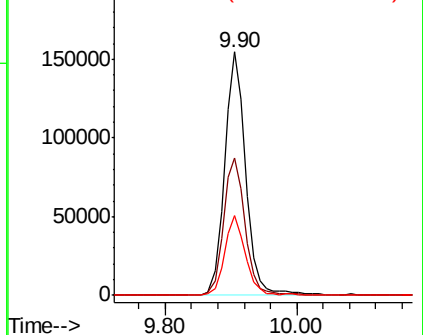


Abundance

Ion 117.00 (116.70 to 117.70): V

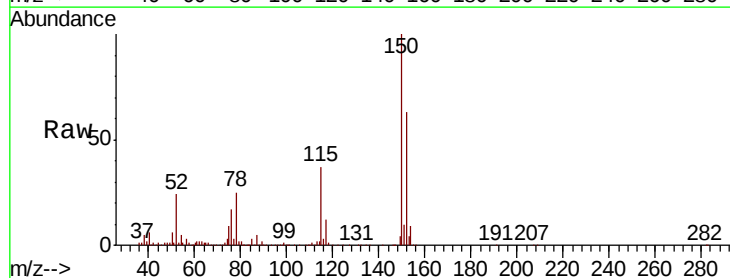
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060291.D
Acq: 19 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	32.6	97.8
150	159.1	0.0	314.2



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

