

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060961.D
 Acq On : 10 Dec 2018 18:49
 Operator : VA/AP
 Sample : J6302-01
 Misc : 3.68g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 06:25:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

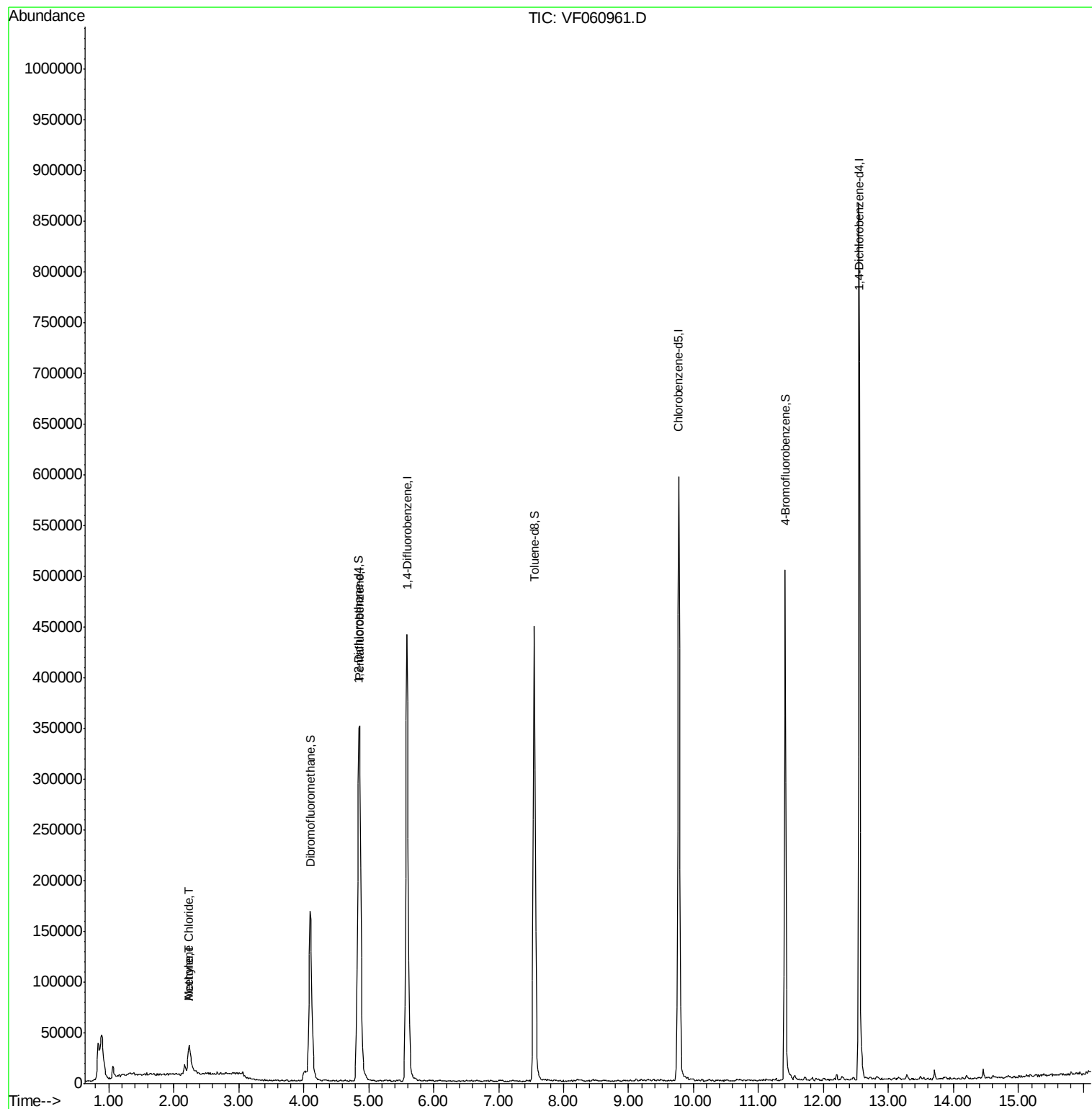
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	267533	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	469532	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	403214	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	218360	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	146185	46.38	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	92.76%	
35) Dibromofluoromethane	4.10	113	157578	42.30	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	84.60%	
50) Toluene-d8	7.55	98	378544	34.50	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	69.00%	
62) 4-Bromofluorobenzene	11.41	95	185277	37.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	74.30%	
Target Compounds						
16) Acetone	2.24	43	29515	50.785	ug/l	Qvalue 96
20) Methylene Chloride	2.25	84	15529m	7.283	ug/l	

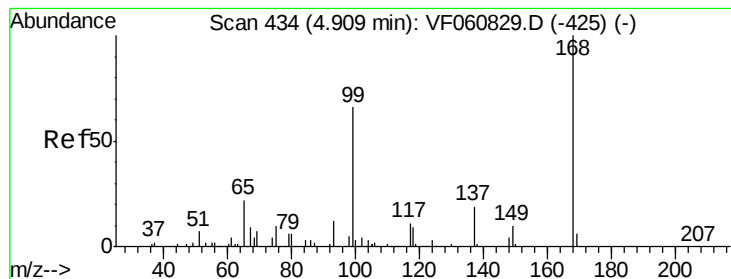
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

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Instrument :

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ClientSampleId :

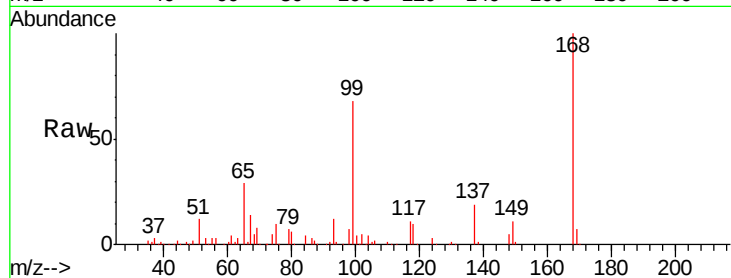
K-120718-RO

Tgt Ion:168 Resp: 267533

Ion Ratio Lower Upper

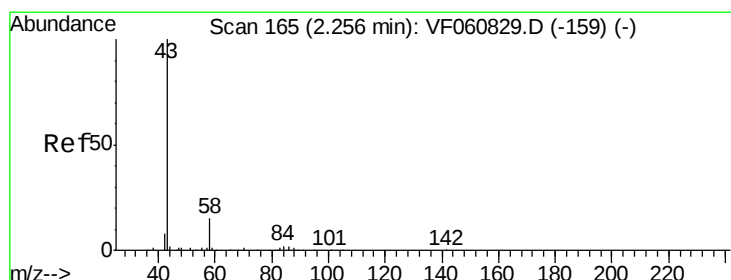
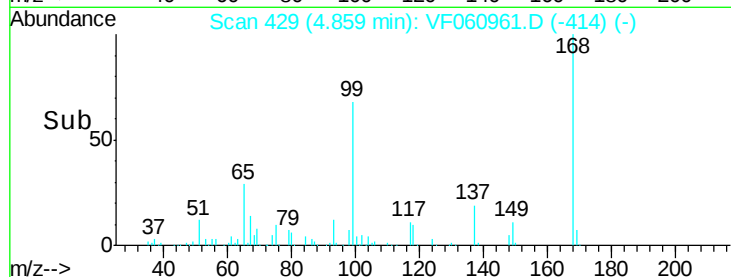
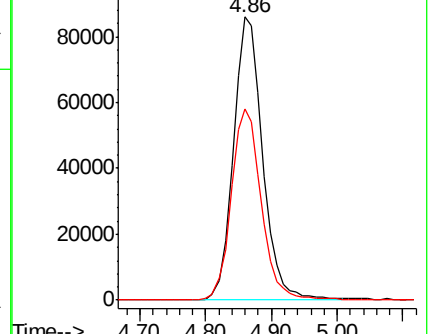
168 100

99 67.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 50.785 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060961.D

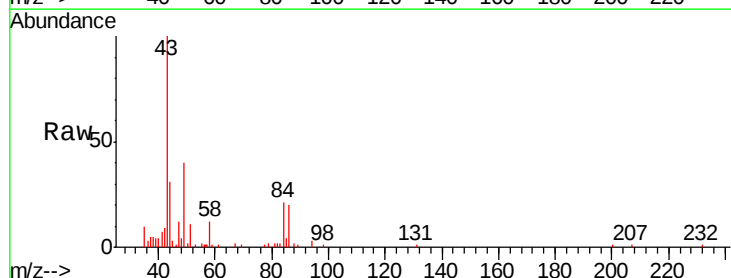
Acq: 10 Dec 2018 18:49

Tgt Ion: 43 Resp: 29515

Ion Ratio Lower Upper

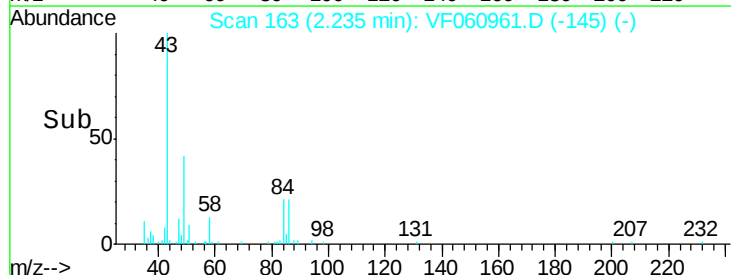
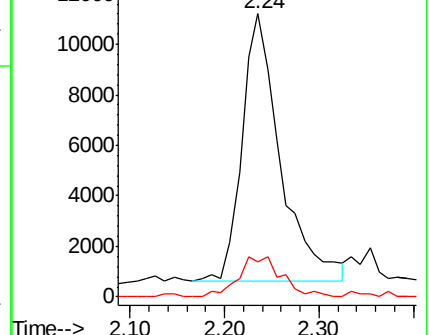
43 100

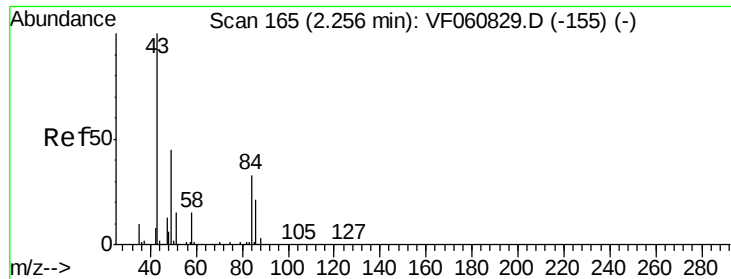
58 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

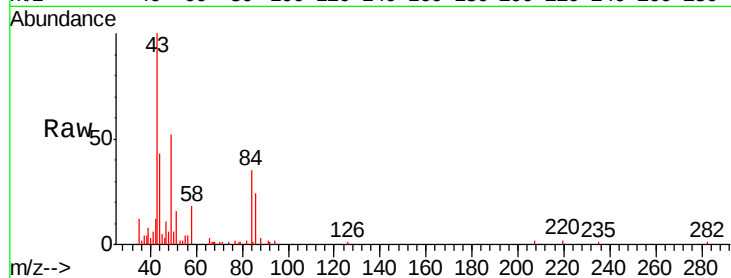




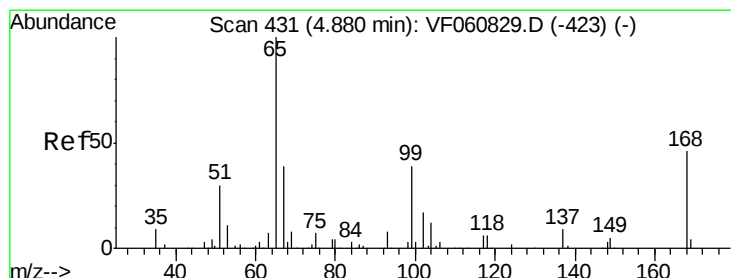
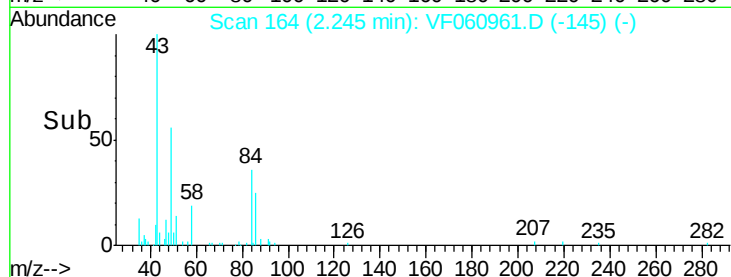
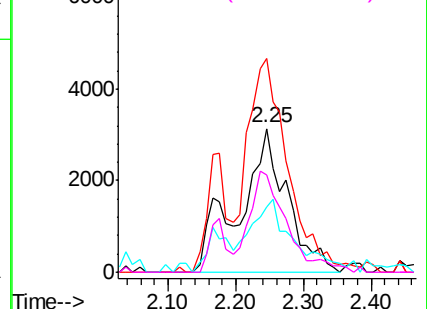
#20
Methylene Chloride
Concen: 7.283 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060961.D
Acq: 10 Dec 2018 18:49

Instrument :
MSVOA_F
ClientSampleId :
K-120718-RO

Tgt Ion:	84	Resp:	15529
Ion	Ratio	Lower	Upper
84	100		
49	148.8	111.3	166.9
51	45.1	38.0	57.0
86	67.9	49.8	74.8

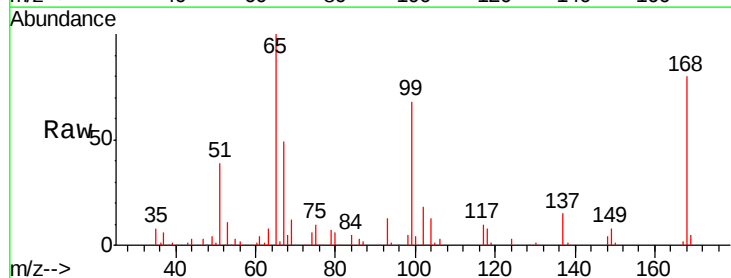


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

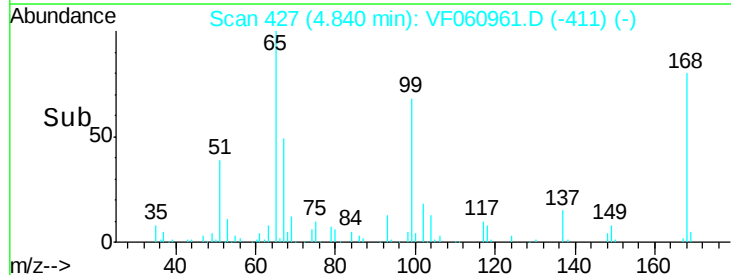
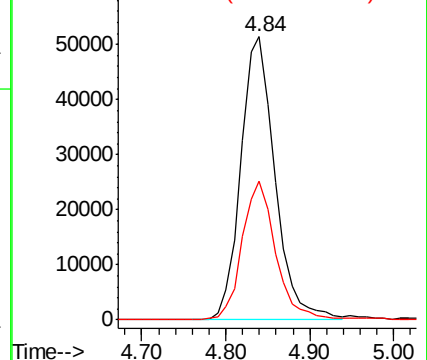


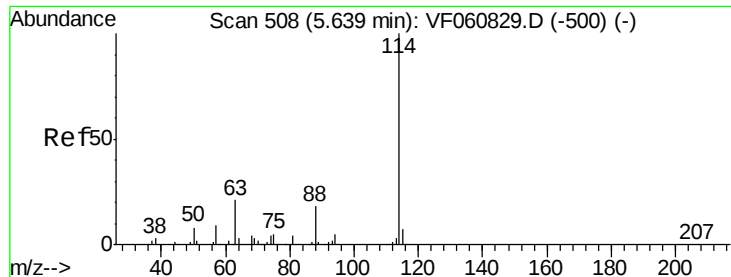
#33
1,2-Dichloroethane-d4
Concen: 46.384 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060961.D
Acq: 10 Dec 2018 18:49

Tgt Ion:	65	Resp:	146185
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060961.D

Acq: 10 Dec 2018 18:49

Instrument :

MSVOA_F

ClientSampleId :

K-120718-RO

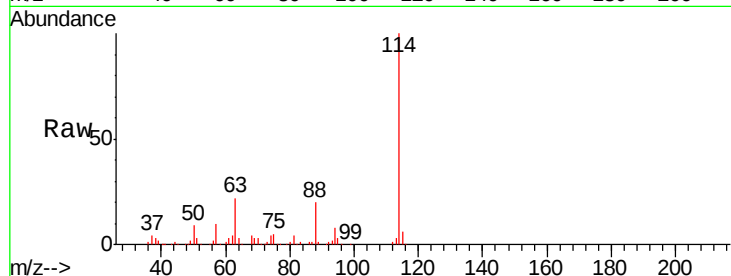
Tgt Ion:114 Resp: 469532

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

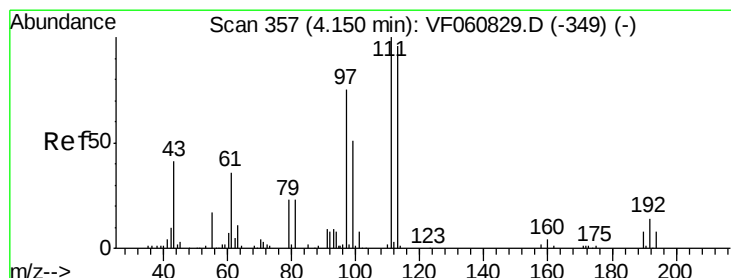
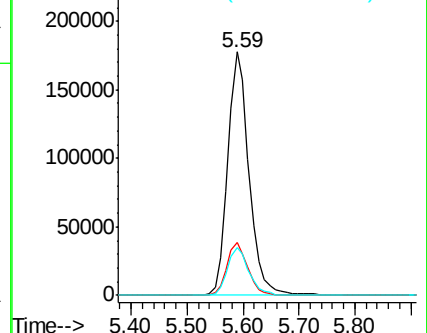
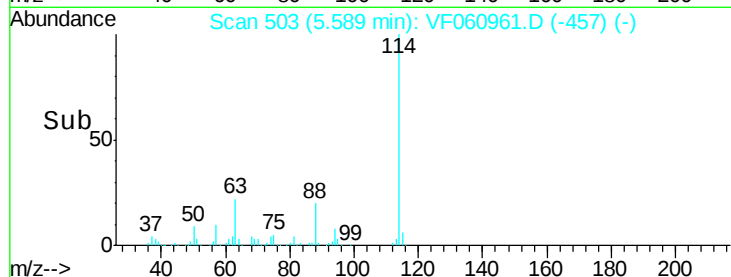
88 19.9 0.0 36.6



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: 42.304 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF060961.D

Acq: 10 Dec 2018 18:49

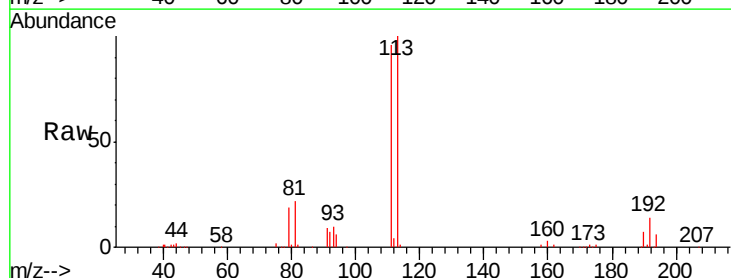
Tgt Ion:113 Resp: 157578

Ion Ratio Lower Upper

113 100

111 95.5 83.0 124.6

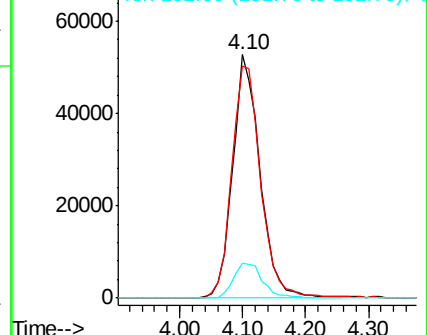
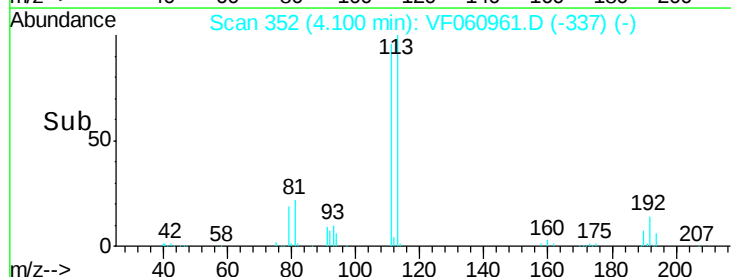
192 14.3 12.3 18.5

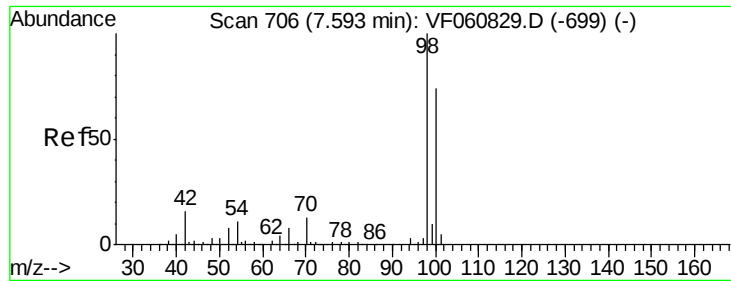


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.499 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF060961.D

Acq: 10 Dec 2018 18:49

Instrument :

MSVOA_F

ClientSampleId :

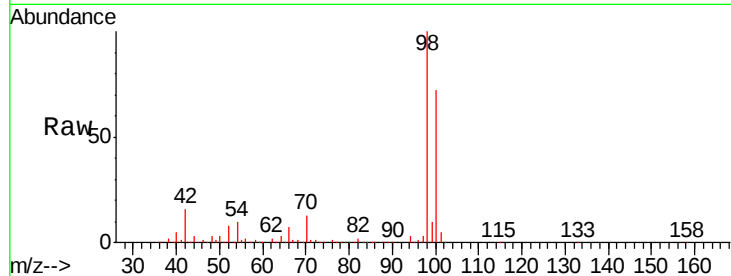
K-120718-RO

Tgt Ion: 98 Resp: 378544

Ion Ratio Lower Upper

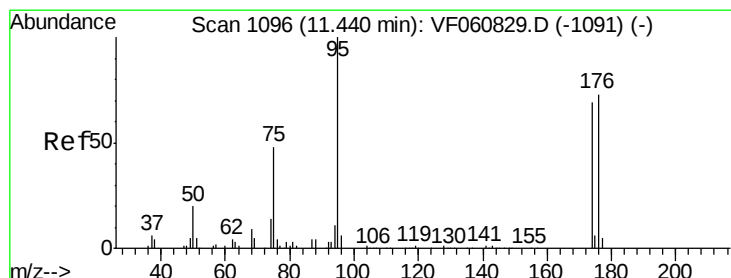
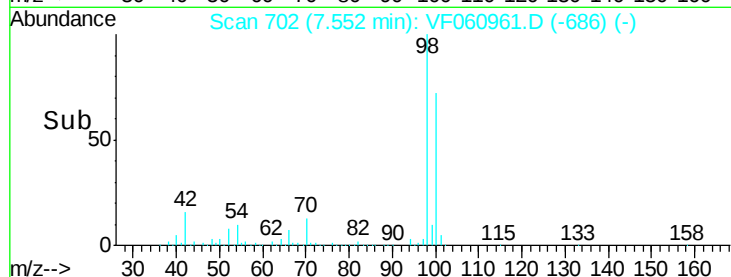
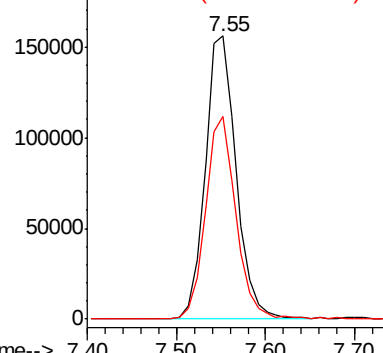
98 100

100 71.6 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 37.153 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060961.D

Acq: 10 Dec 2018 18:49

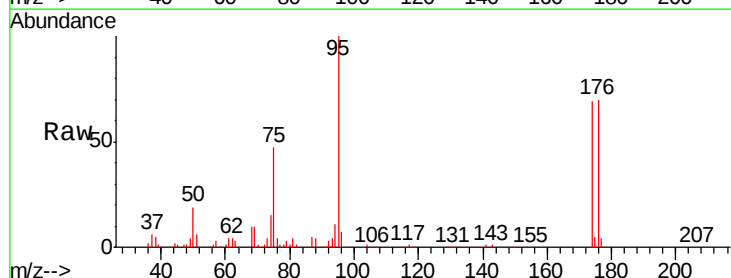
Tgt Ion: 95 Resp: 185277

Ion Ratio Lower Upper

95 100

174 69.0 0.0 138.2

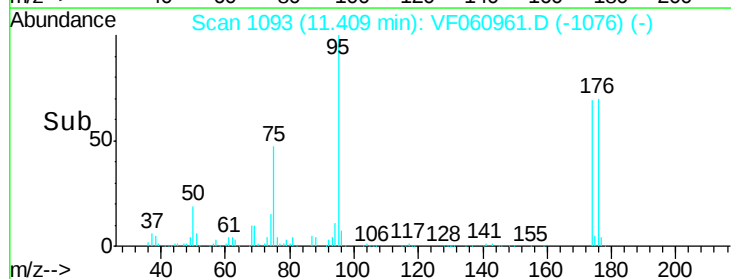
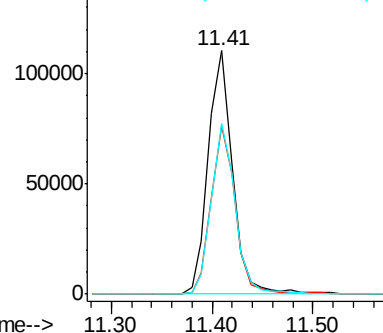
176 69.9 0.0 146.2

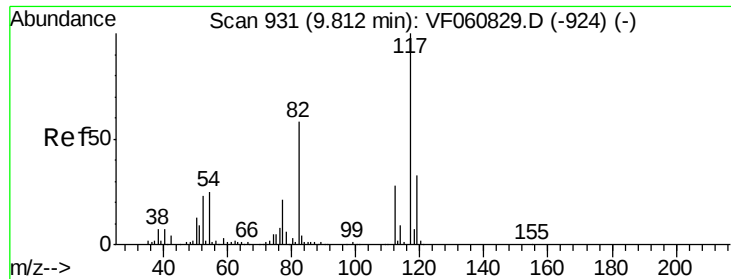


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

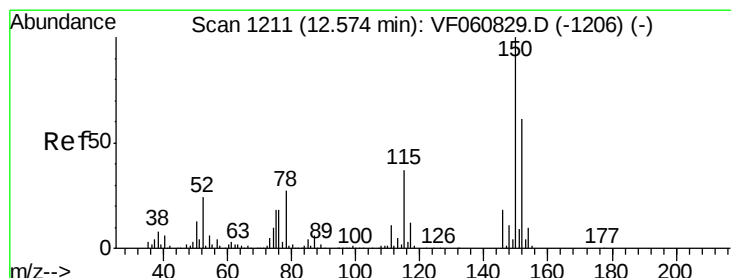
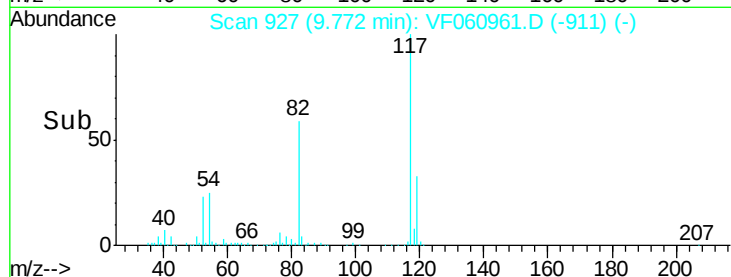
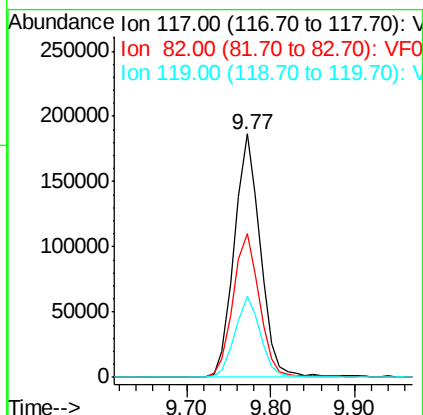
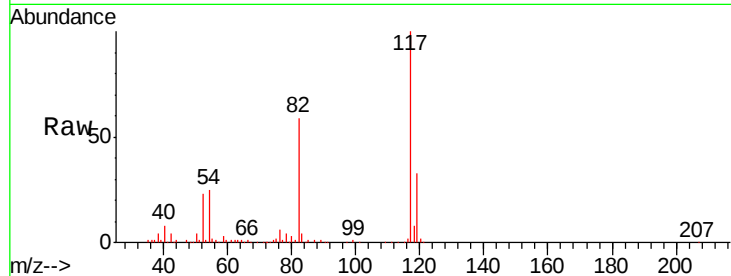




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060961.D
Acq: 10 Dec 2018 18:49

Instrument :
MSVOA_F
ClientSampleId :
K-120718-RO

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.6	69.8
119	33.2	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060961.D
Acq: 10 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.1	90.5
150	155.4	0.0	327.6

