

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061028.D
 Acq On : 14 Dec 2018 19:06
 Operator : VA/AP
 Sample : J6403-41RE
 Misc : 5.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6-ARE

Manual Integrations
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Quant Time: Dec 15 01:14:28 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	243510	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	462250	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	393149	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	194389	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	153208	53.41	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	4.10	113	155590	42.43	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	84.86%	
50) Toluene-d8	7.55	98	440119	40.74	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	81.48%	
62) 4-Bromofluorobenzene	11.40	95	197085	40.14	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	80.28%	
Target Compounds						
16) Acetone	2.23	43	25283	47.795	ug/l #	93
20) Methylene Chloride	2.25	84	9958m	5.131	ug/l	
52) Toluene	7.62	92	8783	1.104	ug/l	87

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

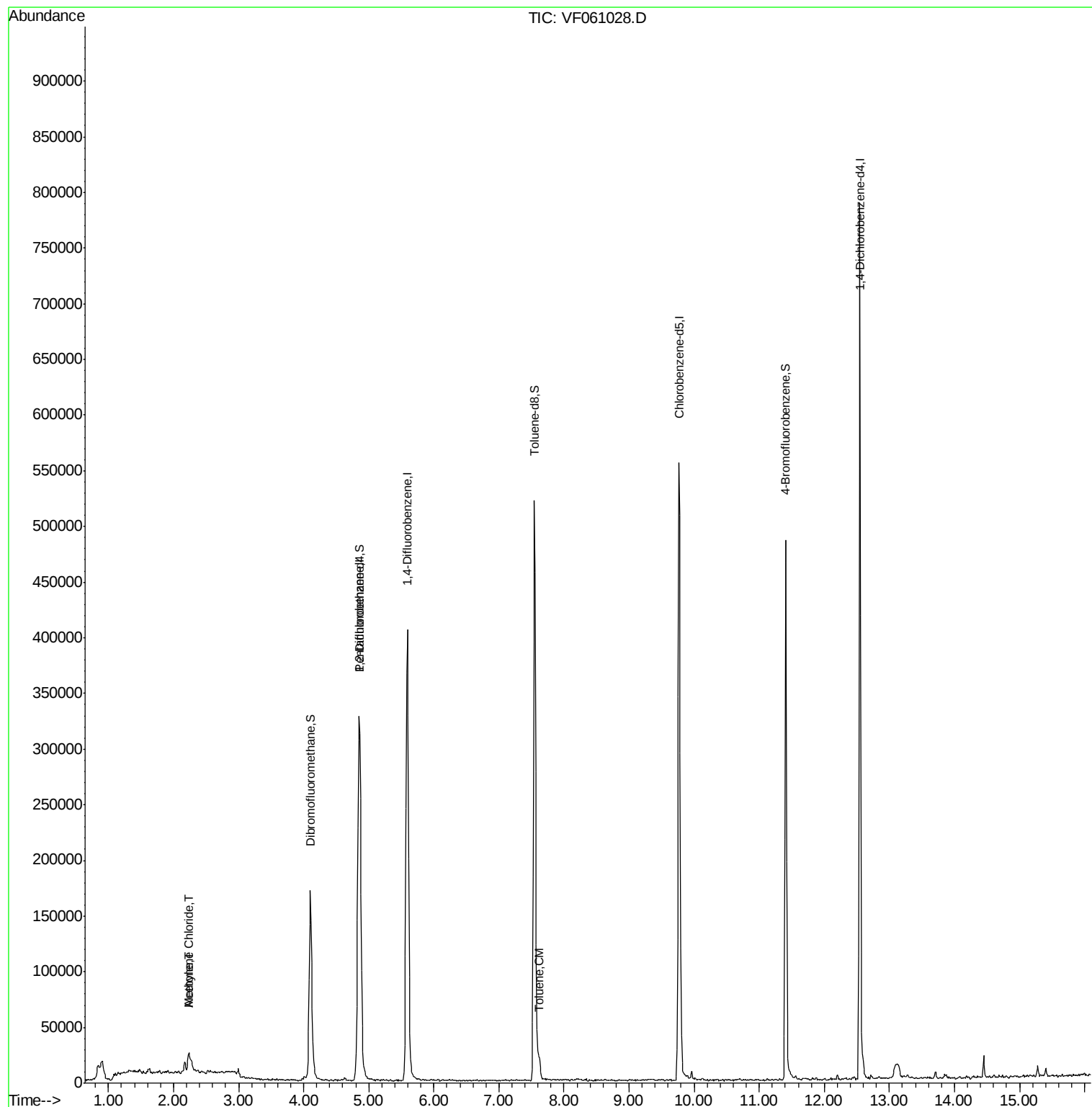
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061028.D
Acq On : 14 Dec 2018 19:06
Operator : VA/AP
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ALS Vial : 16 Sample Multiplier: 1

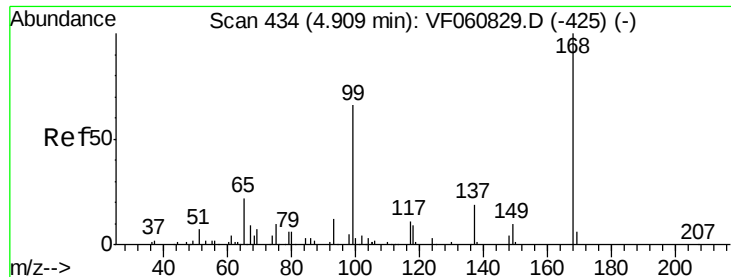
Instrument :
MSVOA_F
ClientSampleId :
TP-6-ARE

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Quant Time: Dec 15 01:14:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061028.D

Acq: 14 Dec 2018 19:06

Instrument :

MSVOA_F

ClientSampleId :

TP-6-ARE

Tgt Ion: 168 Resp: 243510

Ion Ratio Lower Upper

168 100

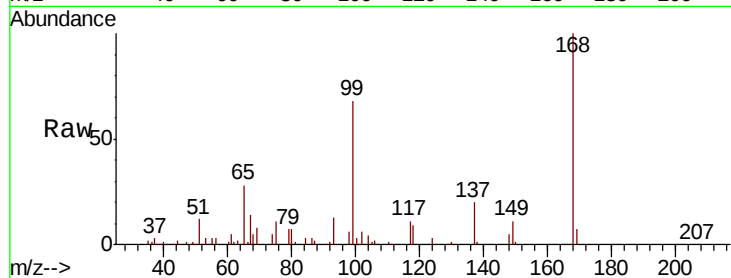
99 68.3 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

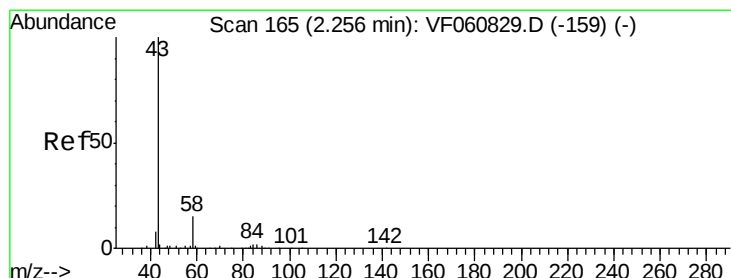
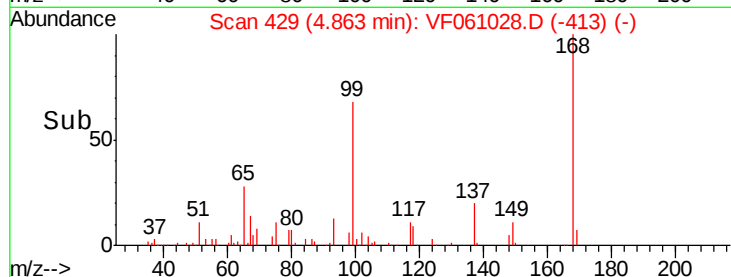
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 47.795 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061028.D

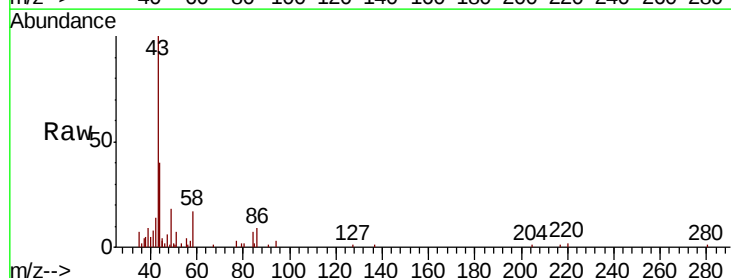
Acq: 14 Dec 2018 19:06

Tgt Ion: 43 Resp: 25283

Ion Ratio Lower Upper

43 100

58 17.3 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

6000

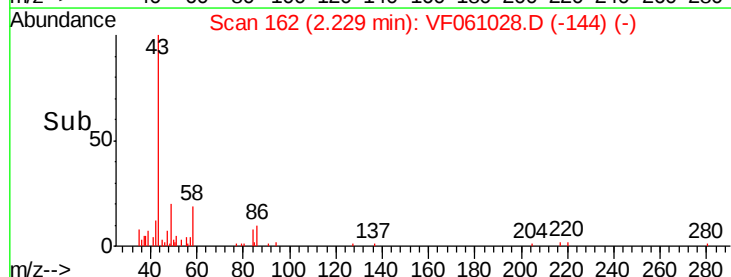
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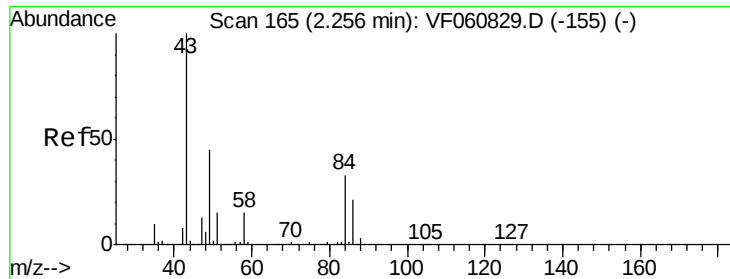
2000

0

Time-->

2.10 2.20 2.30





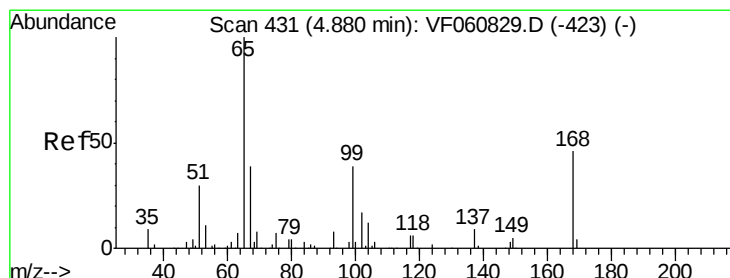
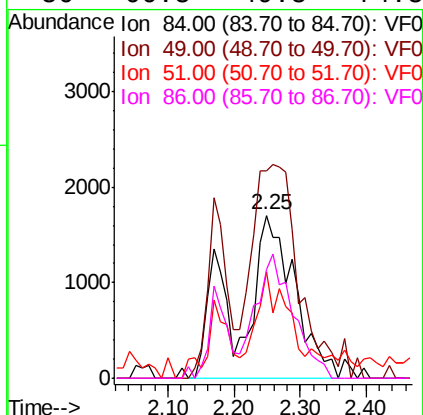
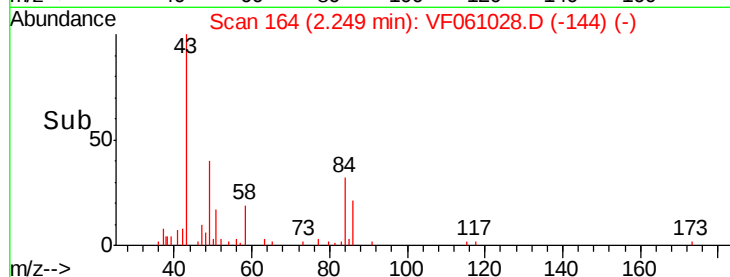
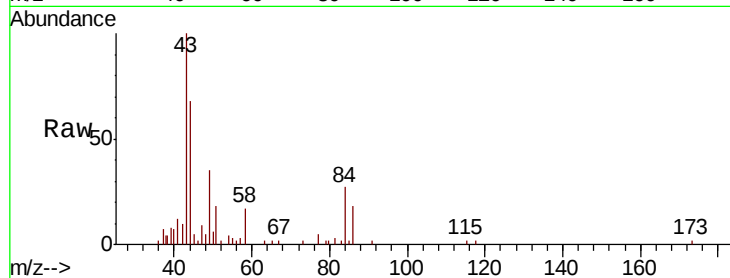
#20
Methylene Chloride
Concen: 5.131 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061028.D
Acq: 14 Dec 2018 19:06

Instrument :
MSVOA_F
ClientSampleId :
TP-6-ARE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.8	111.3	166.9
51	65.4	38.0	57.0
86	66.8	49.8	74.8

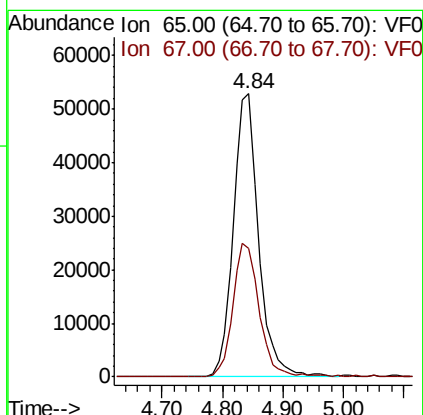
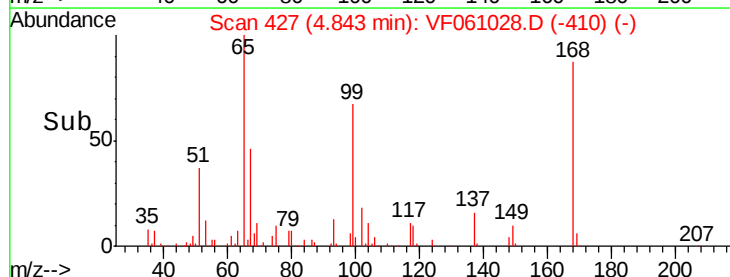
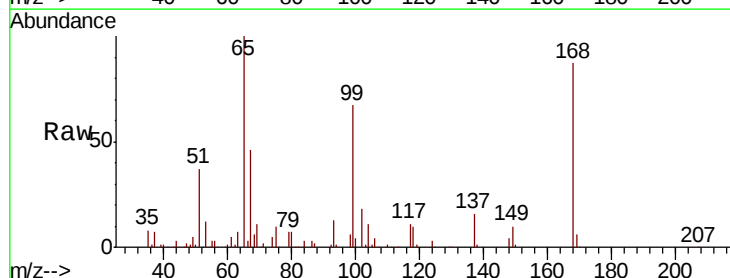
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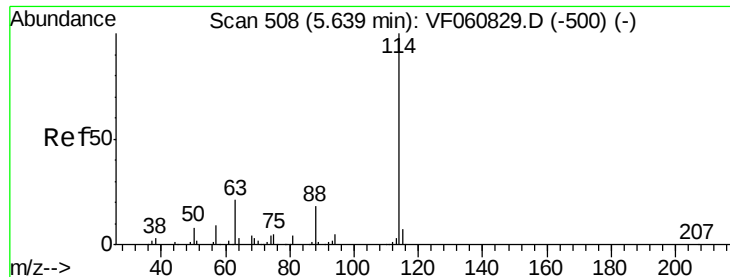
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#33
1,2-Dichloroethane-d4
Concen: 53.408 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061028.D
Acq: 14 Dec 2018 19:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.6	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF061028.D

Acq: 14 Dec 2018 19:06

Instrument :

MSVOA_F

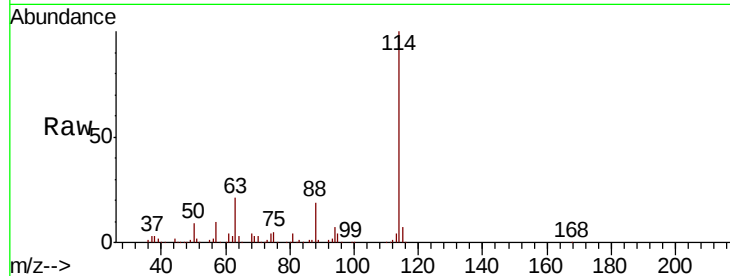
ClientSampleId :

TP-6-ARE

Tgt Ion:	114	Resp:	462250
Ion Ratio		Lower	Upper
114	100		
63	20.7	0.0	41.6
88	18.8	0.0	36.6

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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

5.59

200000

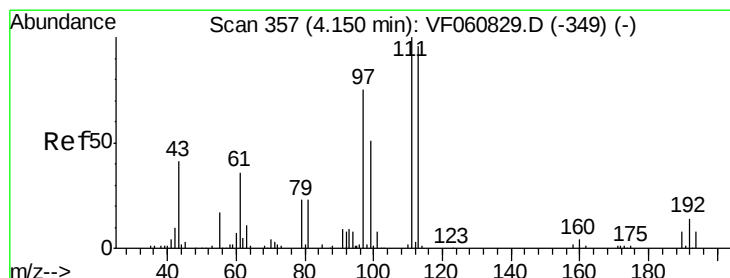
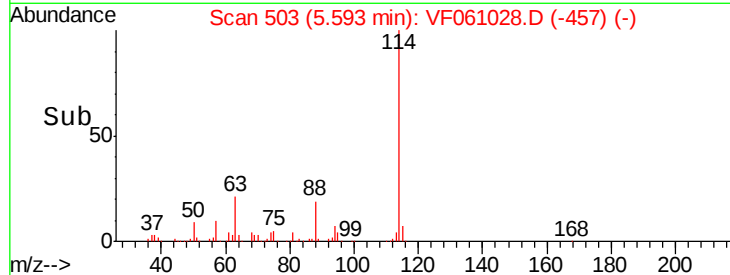
150000

100000

50000

0

Time--> 5.40 5.60 5.80



#35

Dibromofluoromethane

Concen: 42.428 ug/l

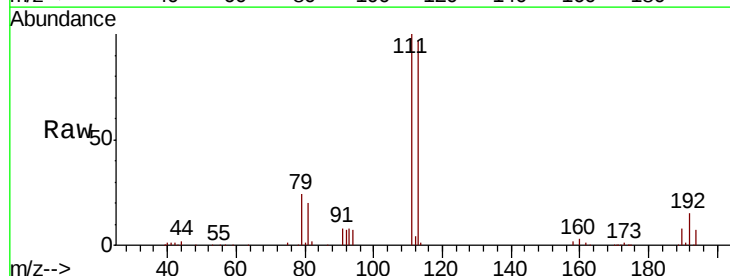
RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF061028.D

Acq: 14 Dec 2018 19:06

Tgt Ion:	113	Resp:	155590
Ion Ratio		Lower	Upper
113	100		
111	102.9	83.0	124.6
192	15.5	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

4.10

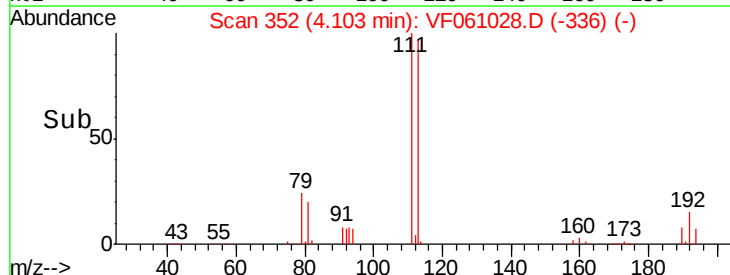
60000

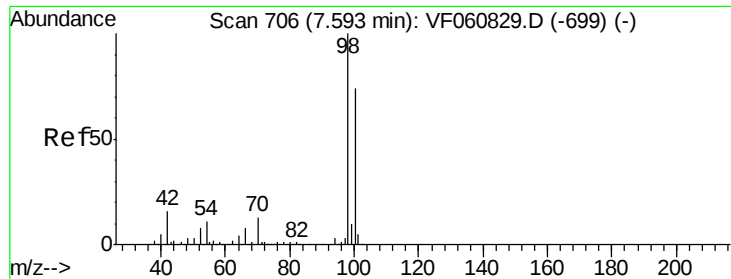
40000

20000

0

Time--> 4.00 4.10 4.20 4.30





#50

Toluene-d8

Concen: 40.743 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.05 min

Lab File: VF061028.D

Acq: 14 Dec 2018 19:06

Instrument :

MSVOA_F

ClientSampleId :

TP-6-ARE

Tgt Ion: 98 Resp: 440119

Ion Ratio Lower Upper

98 100

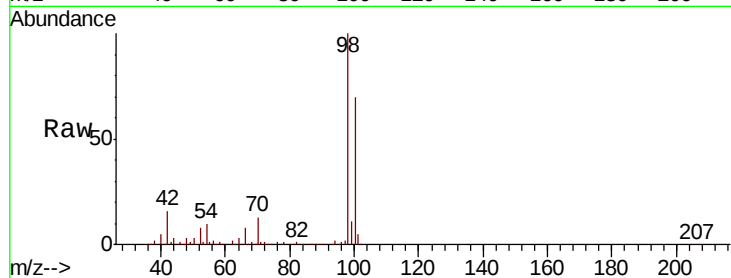
100 69.7 59.3 88.9

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

200000

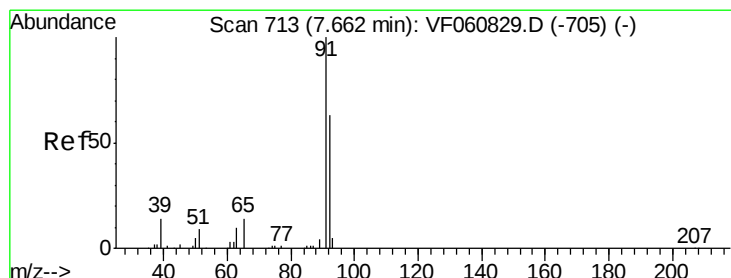
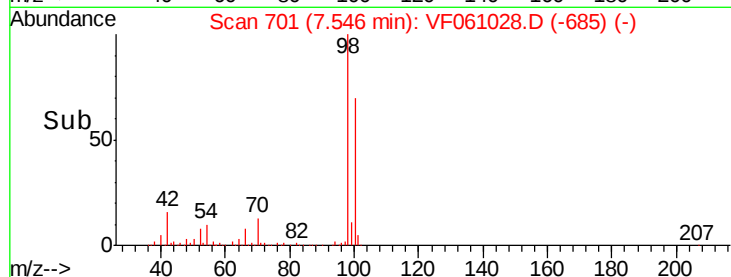
150000

100000

50000

0

Time--> 7.40 7.50 7.60 7.70



#52

Toluene

Concen: 1.104 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.04 min

Lab File: VF061028.D

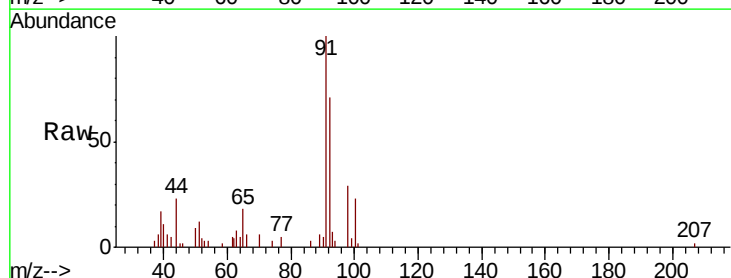
Acq: 14 Dec 2018 19:06

Tgt Ion: 92 Resp: 8783

Ion Ratio Lower Upper

92 100

91 140.3 126.2 189.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

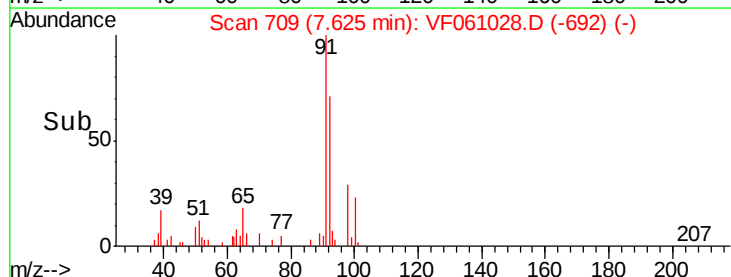
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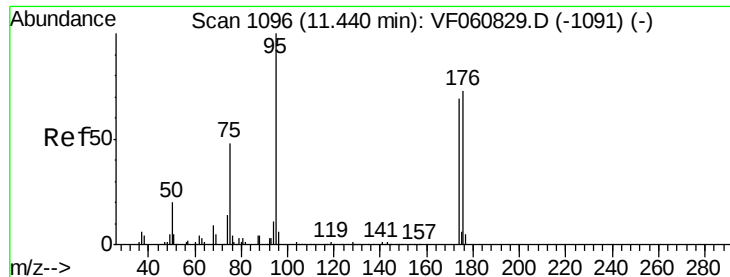
4000

2000

0

Time--> 7.55 7.60 7.65 7.70





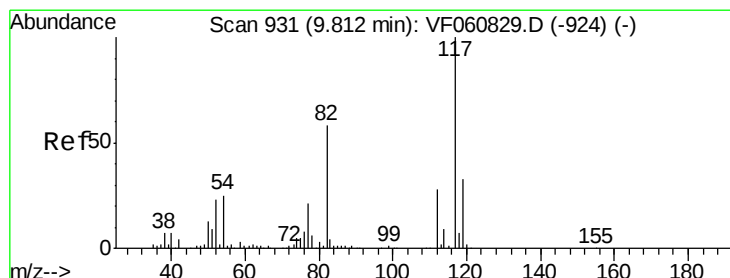
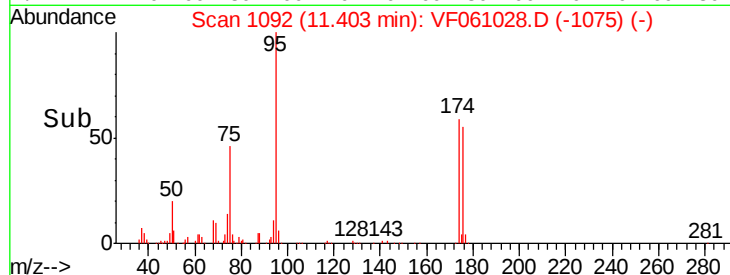
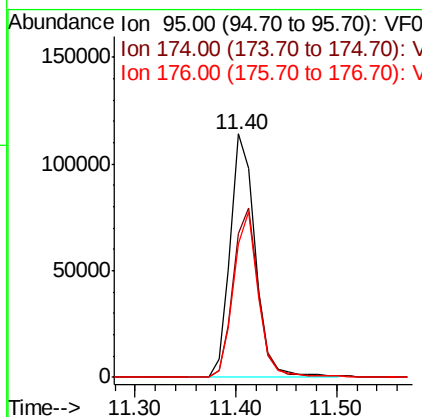
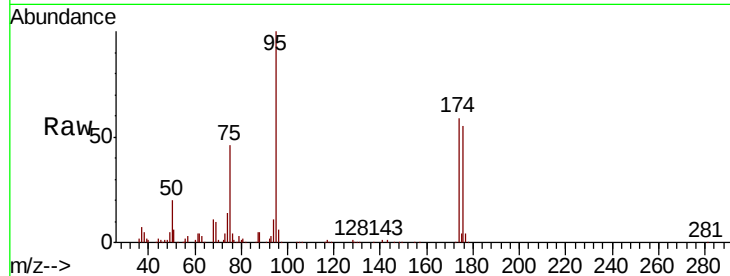
#62
4-Bromofluorobenzene
Concen: 40.144 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061028.D
Acq: 14 Dec 2018 19:06

Instrument :
MSVOA_F
ClientSampleId :
TP-6-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	197085		
174	59.1	0.0	138.2	
176	55.0	0.0	146.2	

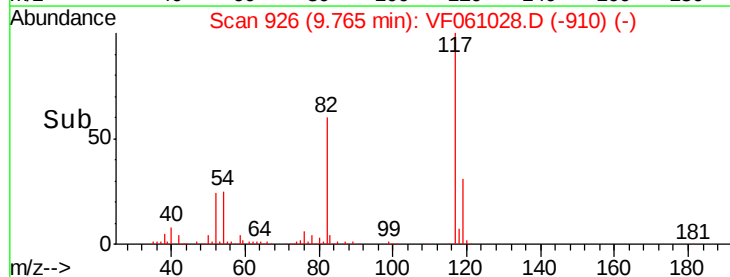
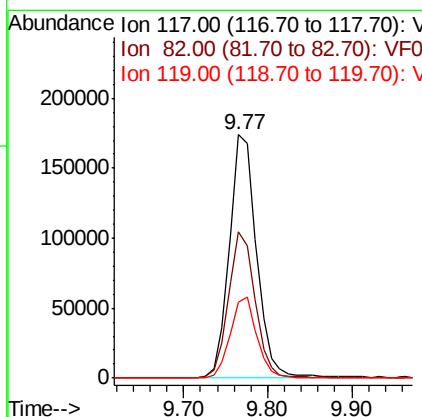
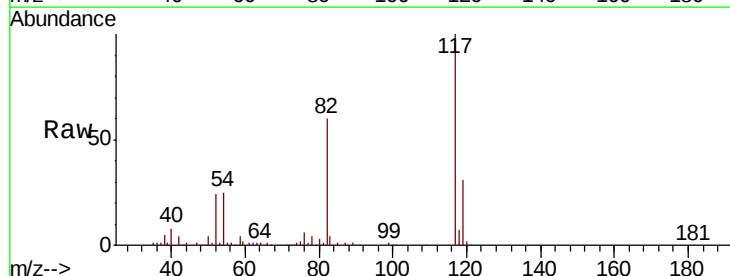
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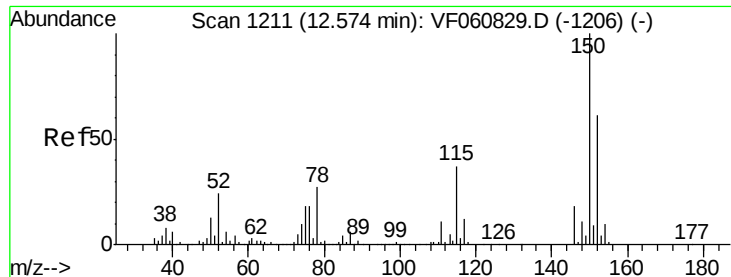
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061028.D
Acq: 14 Dec 2018 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	393149		
82	60.1	46.6	69.8	
119	31.3	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF061028.D

Acq: 14 Dec 2018 19:06

Instrument :

MSVOA_F

ClientSampleId :

TP-6-ARE

Tgt	Ion	152	Resp:	194389
Ion	Ratio	Lower	Upper	
152	100			
115	57.7	30.1	90.5	
150	149.7	0.0	327.6	

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