

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061029.D
 Acq On : 14 Dec 2018 19:34
 Operator : VA/AP
 Sample : J6403-45RE
 Misc : 5.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6-BRE

Manual Integrations
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Quant Time: Dec 15 01:16:05 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	270623	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	469514	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	393824	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	194937	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	147017	46.12	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	4.11	113	133345	35.80	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	71.60%	
50) Toluene-d8	7.55	98	428526	39.06	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	78.12%	
62) 4-Bromofluorobenzene	11.41	95	201758	40.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.92%	
Target Compounds						
16) Acetone	2.23	43	37174	63.233	ug/l	98
20) Methylene Chloride	2.24	84	10677m	4.951	ug/l	

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

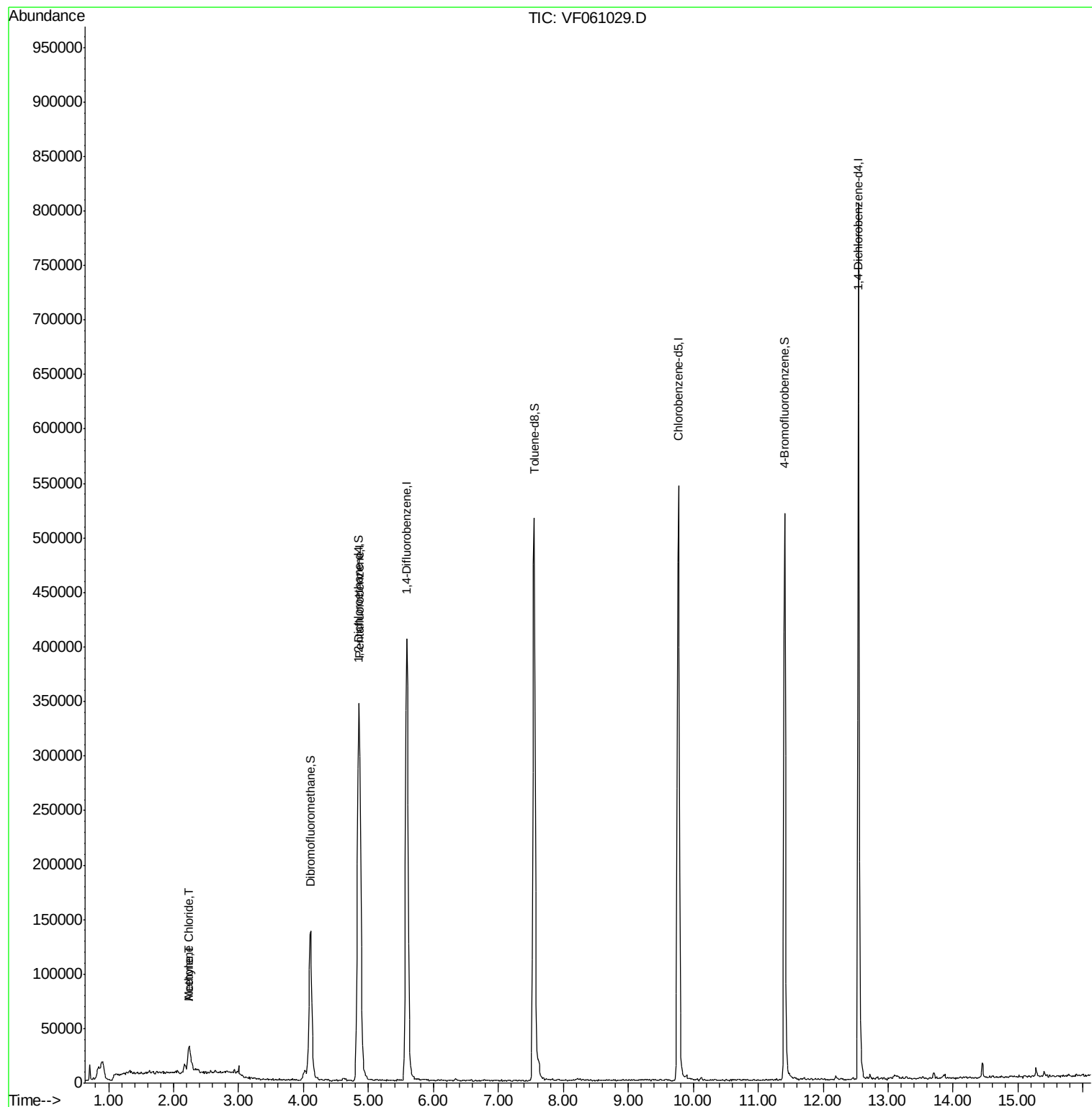
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Data File : VF061029.D
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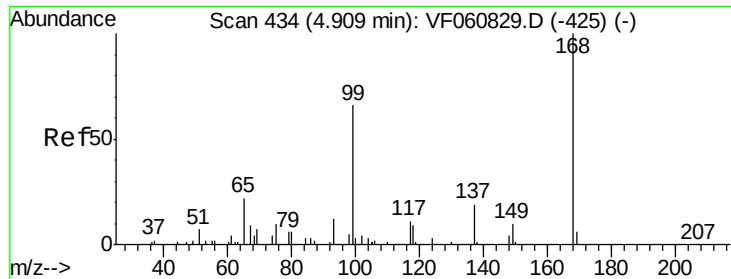
Instrument :
MSVOA_F
ClientSampleId :
TP-6-BRE

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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: VF061029.D

Acq: 14 Dec 2018 19:34

Instrument :

MSVOA_F

ClientSampleId :

TP-6-BRE

Tgt Ion: 168 Resp: 270623

Ion Ratio Lower Upper

168 100

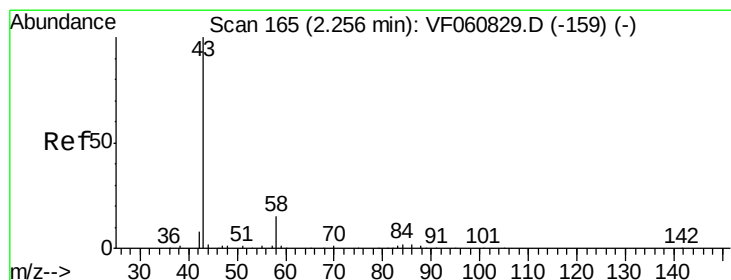
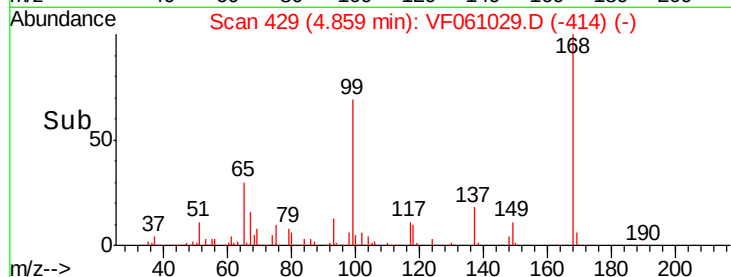
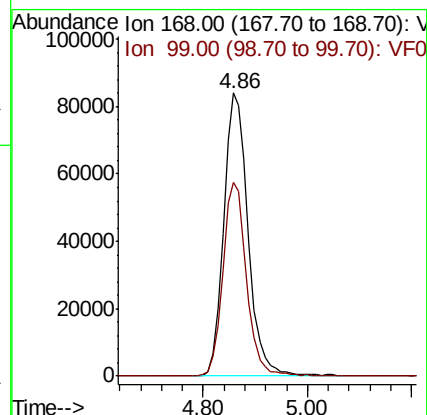
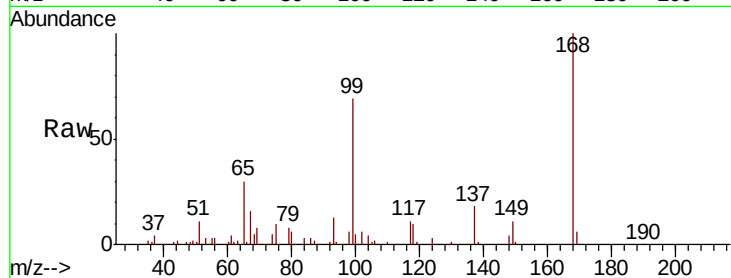
99 68.6 52.6 79.0

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#16

Acetone

Concen: 63.233 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061029.D

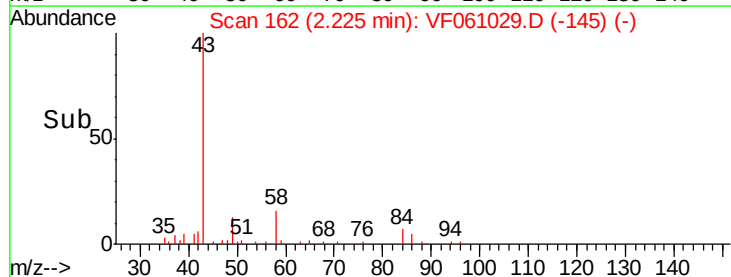
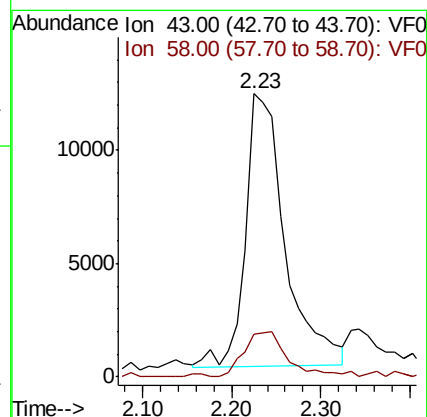
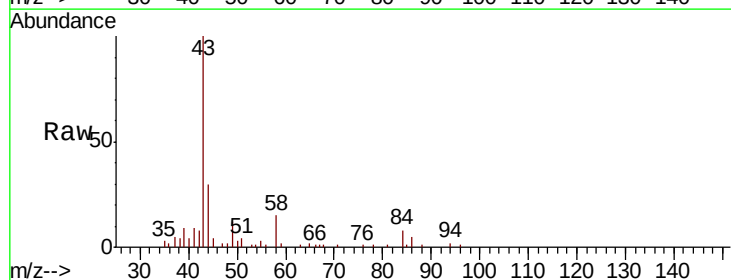
Acq: 14 Dec 2018 19:34

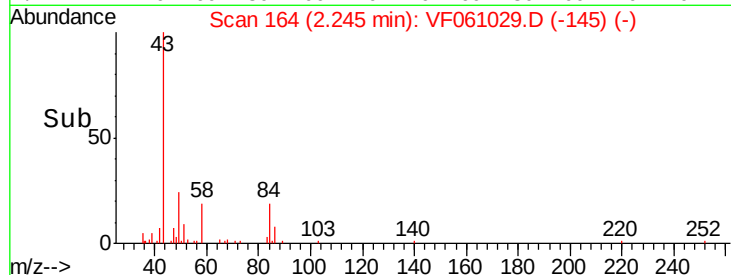
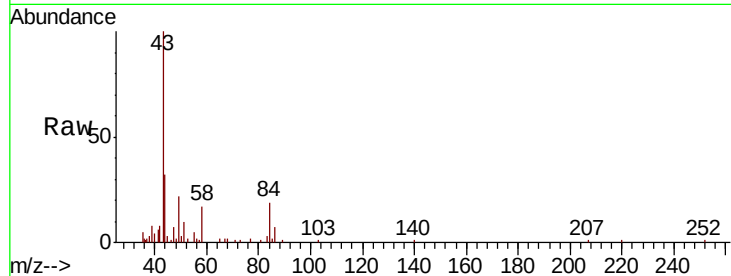
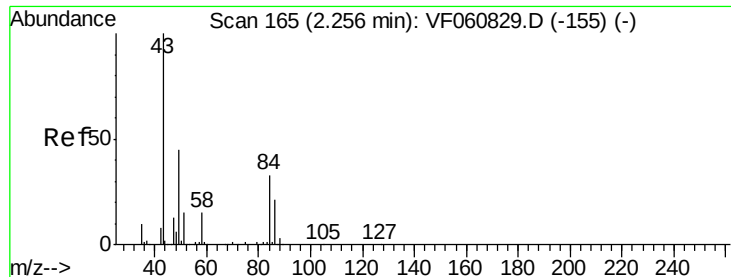
Tgt Ion: 43 Resp: 37174

Ion Ratio Lower Upper

43 100

58 15.1 11.4 17.2





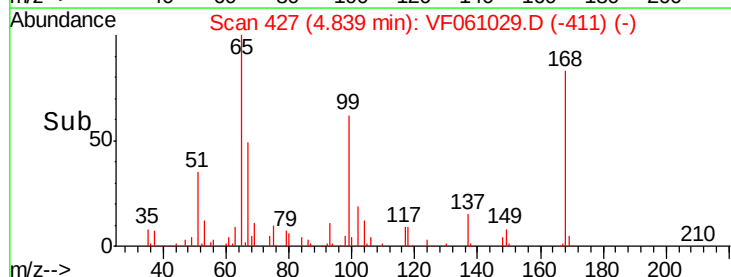
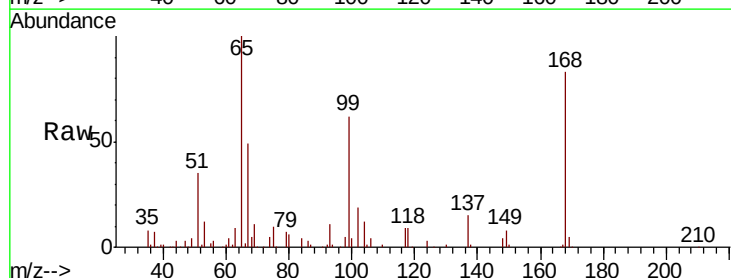
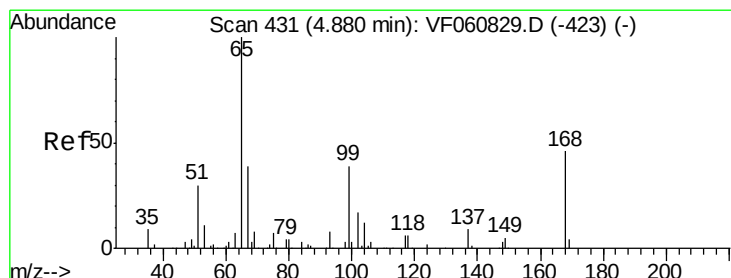
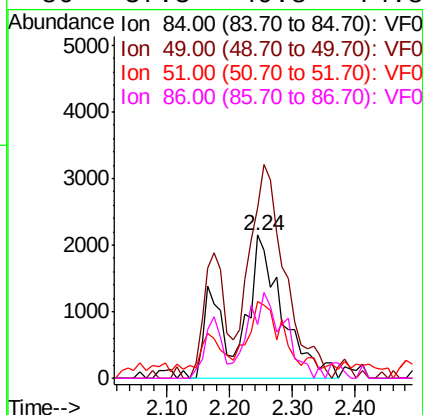
#20
Methylene Chloride
Concen: 4.951 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061029.D
Acq: 14 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	111.3	166.9
51	54.2	38.0	57.0
86	37.3	49.8	74.8#

Instrument :
MSVOA_F
ClientSampled :
TP-6-BRE

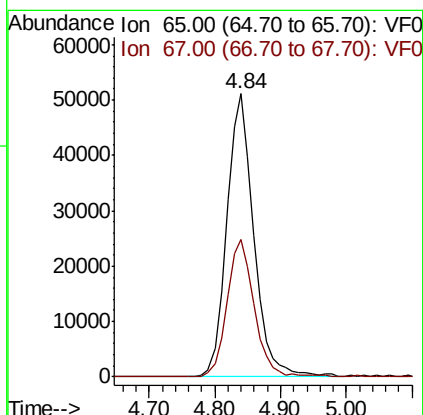
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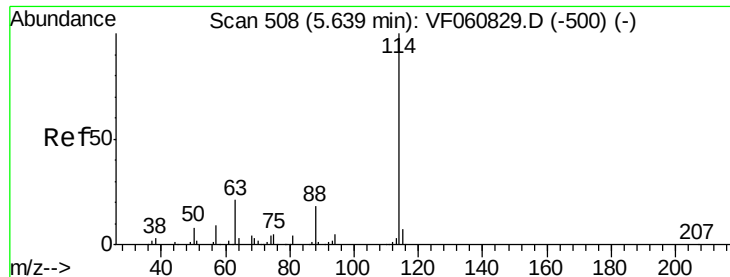
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#33
1,2-Dichloroethane-d4
Concen: 46.115 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061029.D
Acq: 14 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.7	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: VF061029.D

Acq: 14 Dec 2018 19:34

Instrument :

MSVOA_F

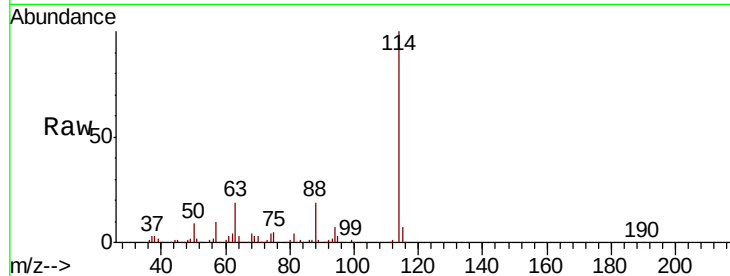
ClientSampleId :

TP-6-BRE

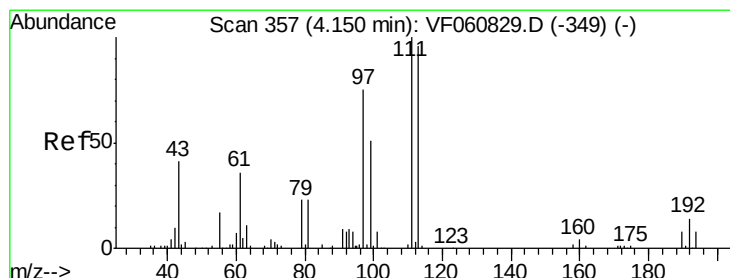
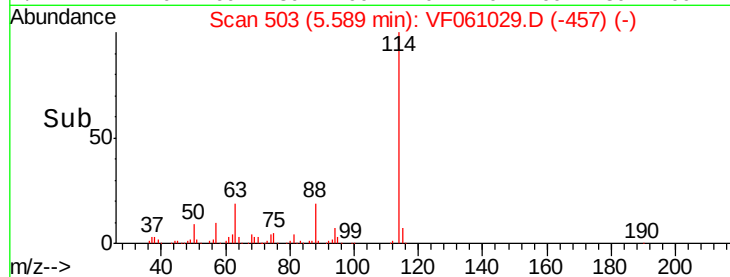
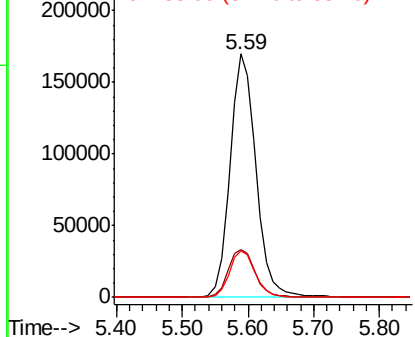
Tgt	Ion:114	Resp:	469514
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.6
88	19.2	0.0	36.6

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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



#35

Dibromofluoromethane

Concen: 35.799 ug/l

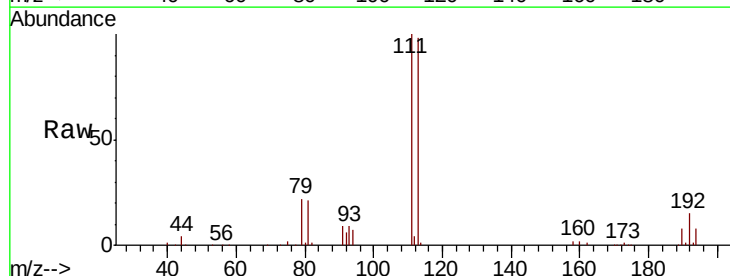
RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

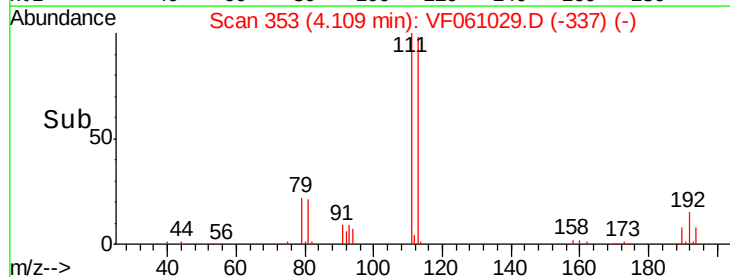
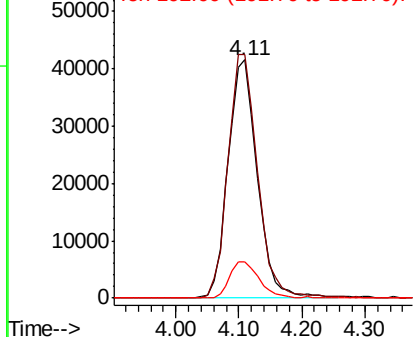
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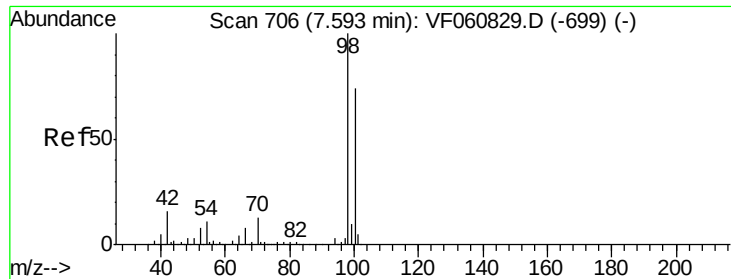
Acq: 14 Dec 2018 19:34

Tgt	Ion:113	Resp:	133345
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	15.1	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





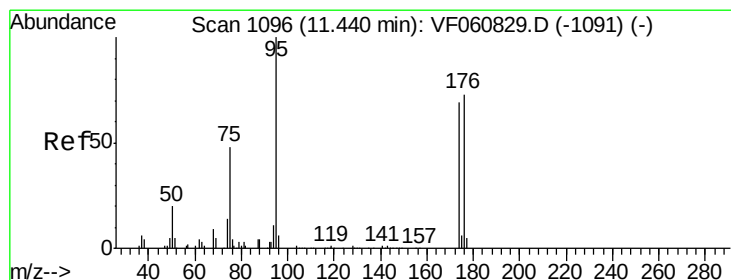
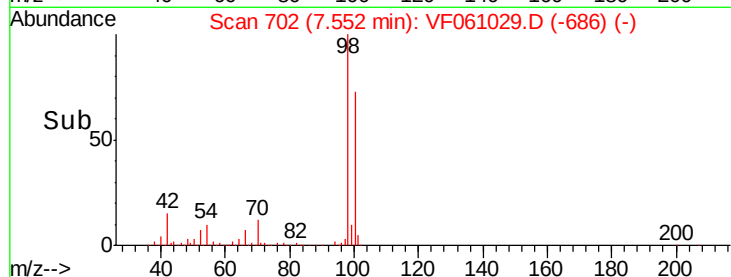
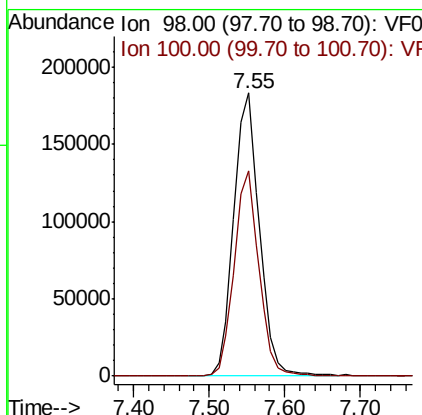
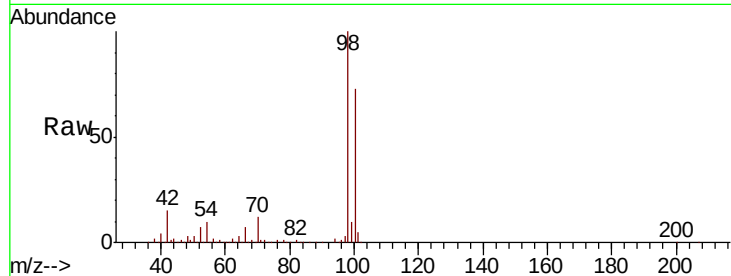
#50
Toluene-d8
Concen: 39.056 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061029.D
Acq: 14 Dec 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion: 98 Resp: 428526
Ion Ratio Lower Upper
98 100
100 72.6 59.3 88.9

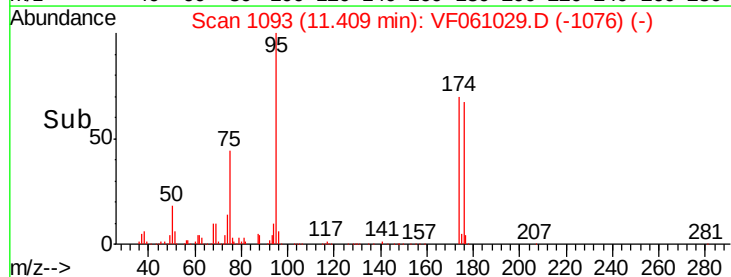
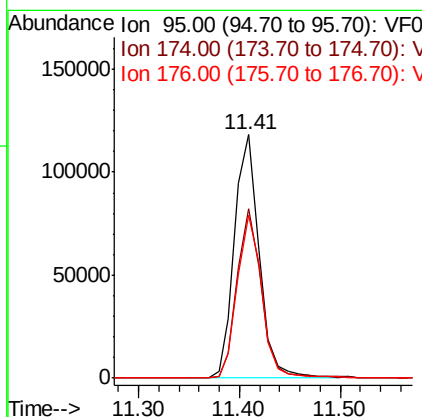
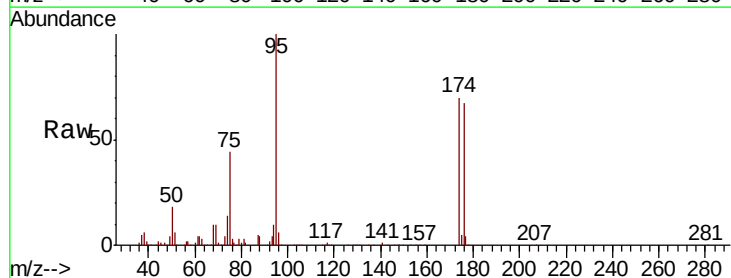
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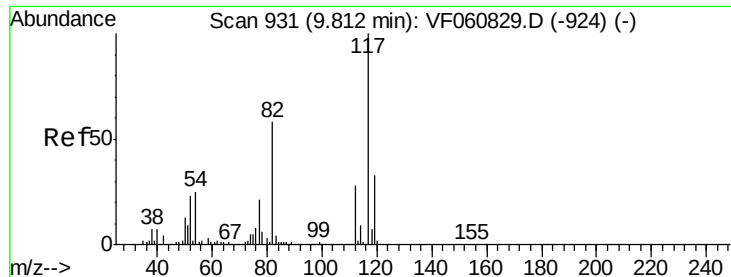
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#62
4-Bromofluorobenzene
Concen: 40.460 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061029.D
Acq: 14 Dec 2018 19:34

Tgt Ion: 95 Resp: 201758
Ion Ratio Lower Upper
95 100
174 69.7 0.0 138.2
176 66.7 0.0 146.2





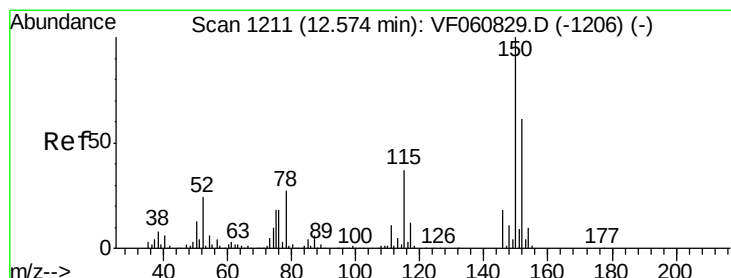
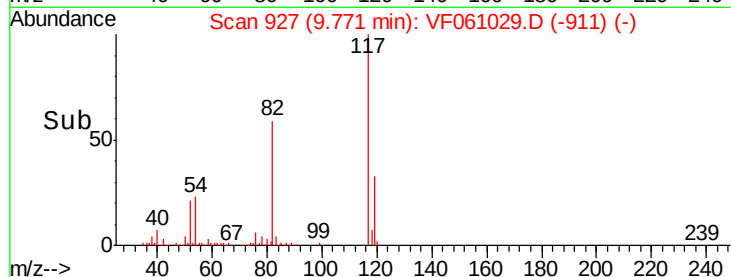
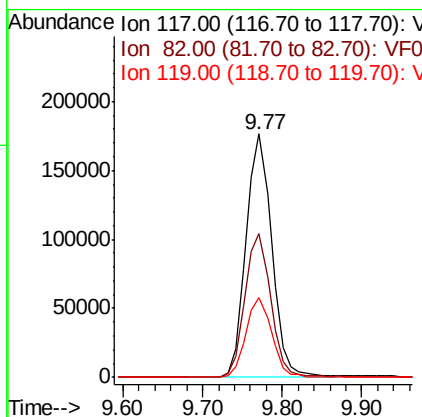
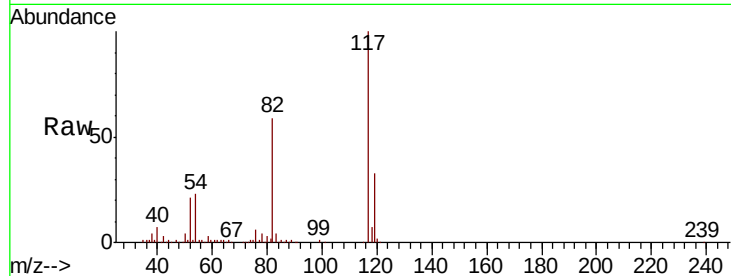
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061029.D
Acq: 14 Dec 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
TP-6-BRE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	393824		
82	59.0	46.6	69.8	
119	32.8	26.4	39.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061029.D
Acq: 14 Dec 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	194937		
115	63.9	30.1	90.5	
150	154.4	0.0	327.6	

