

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060946.D
 Acq On : 7 Dec 2018 23:24
 Operator : VA/AP
 Sample : J6265-01
 Misc : 6.18g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S32-0632

Manual Integrations
 APPROVED

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 12/10/2018 4:38:47 PM

Quant Time: Dec 08 04:02:10 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	4.85	168	225729	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	405357	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.75	117	372516	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.53	152	174979	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	120501	45.32	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	90.64%	
35) Dibromofluoromethane	4.09	113	127543	39.66	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	79.32%	
50) Toluene-d8	7.53	98	313889	33.14	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	66.28%	
62) 4-Bromofluorobenzene	11.40	95	163151m	37.90	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.80%	
Target Compounds						
16) Acetone	2.23	43	28829	58.791	ug/l	Qvalue 100
20) Methylene Chloride	2.24	84	11084m	6.161	ug/l	

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

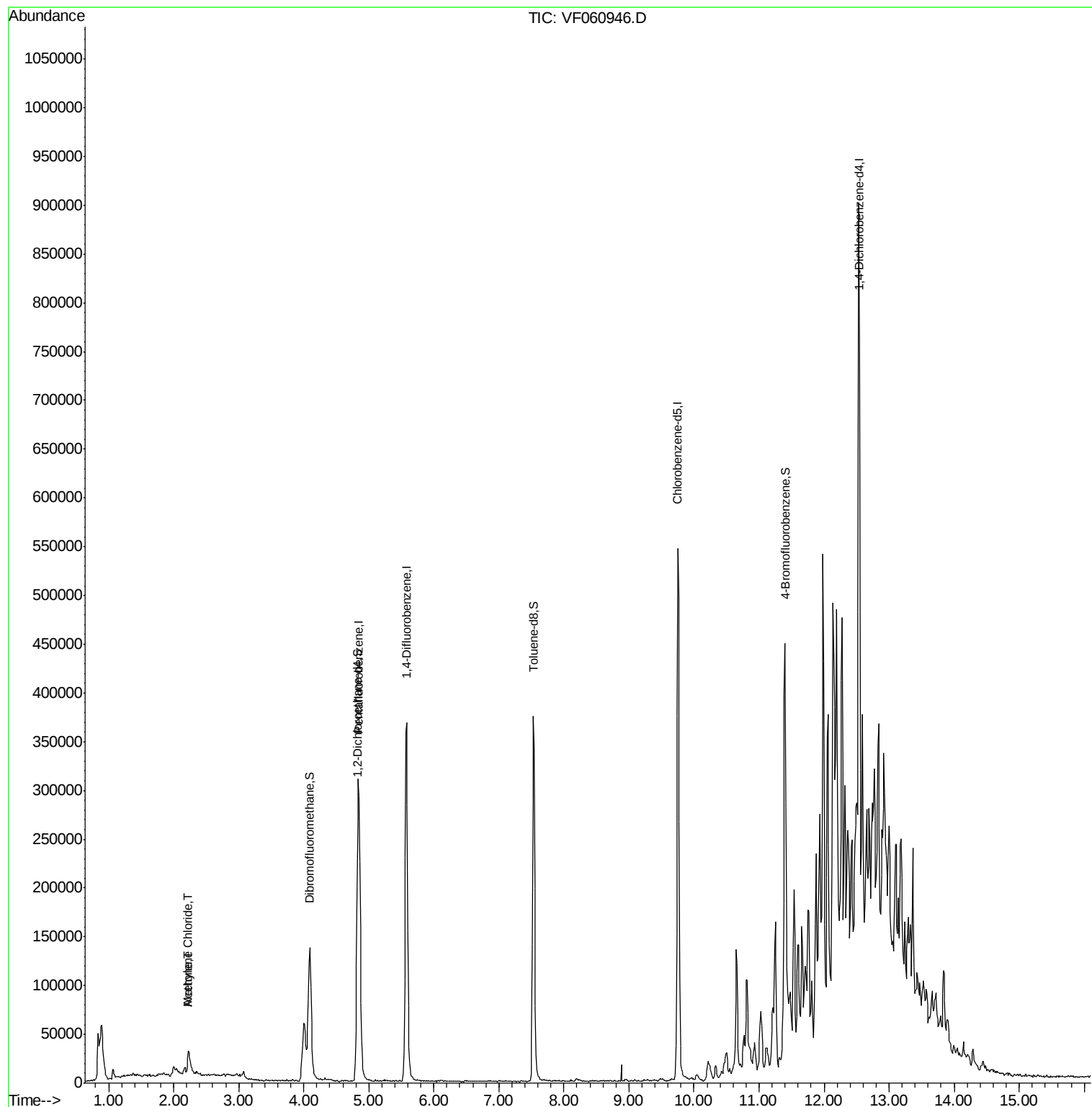
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
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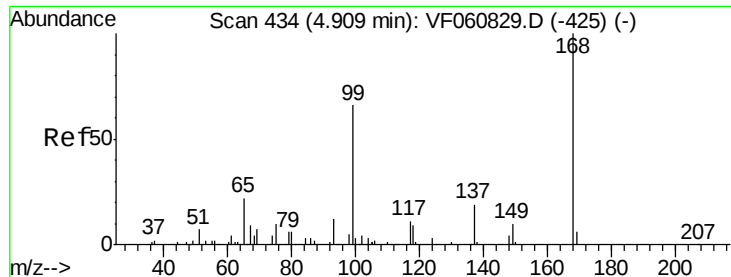
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF060946.D

Acq: 7 Dec 2018 23:24

Instrument :

MSVOA_F

ClientSampleId :

S32-0632

Tgt Ion:168 Resp: 225729

Ion Ratio Lower Upper

168 100

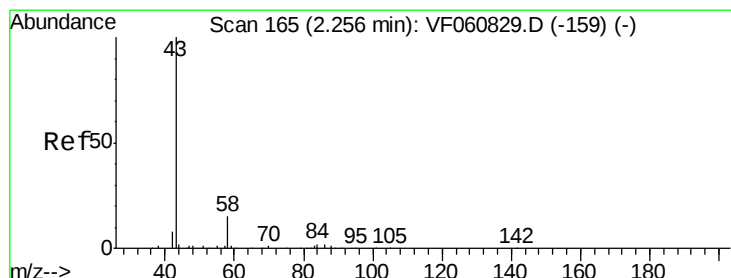
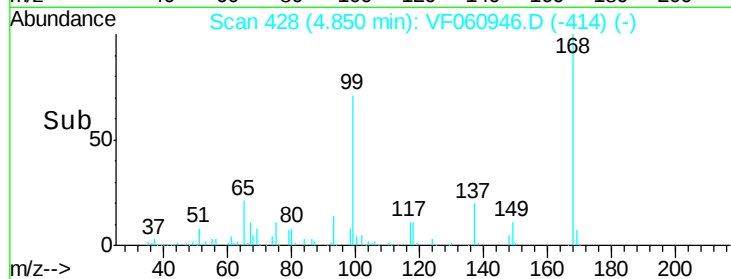
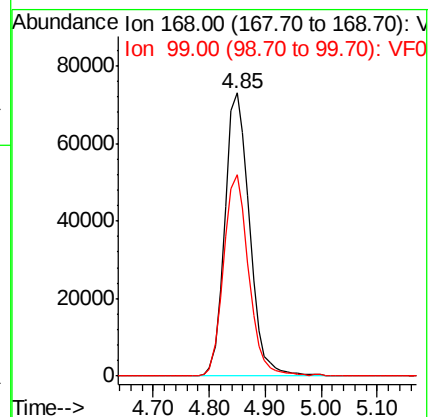
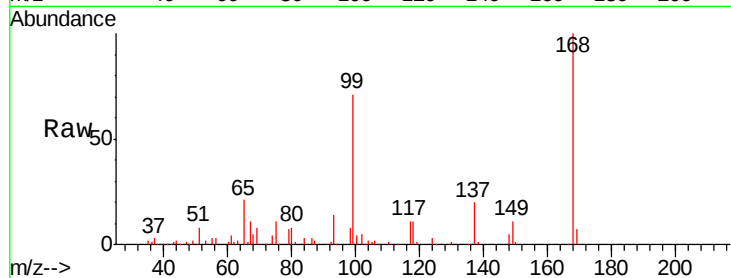
99 71.3 52.6 79.0

Manual Integrations

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#16

Acetone

Concen: 58.791 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF060946.D

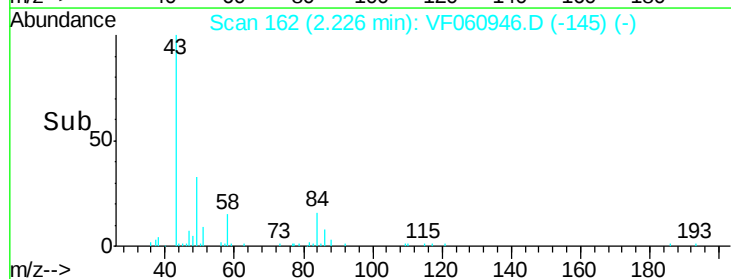
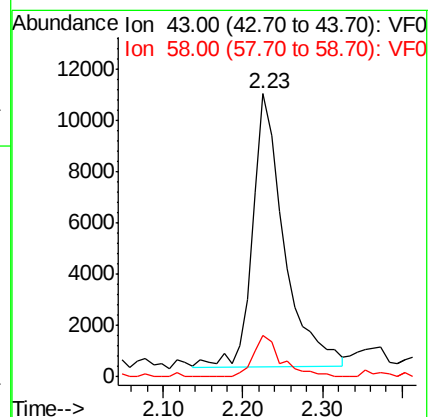
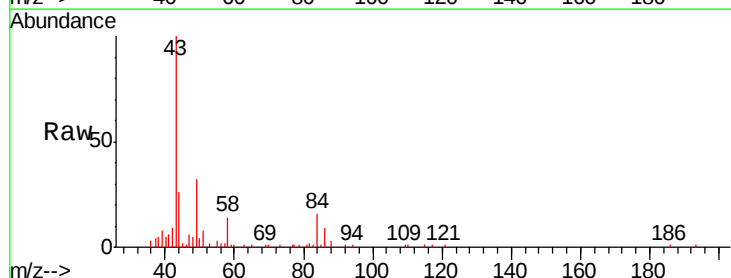
Acq: 7 Dec 2018 23:24

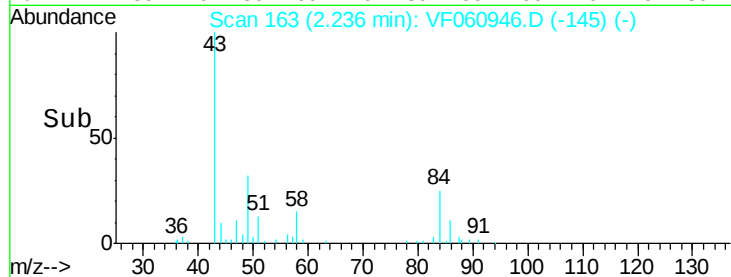
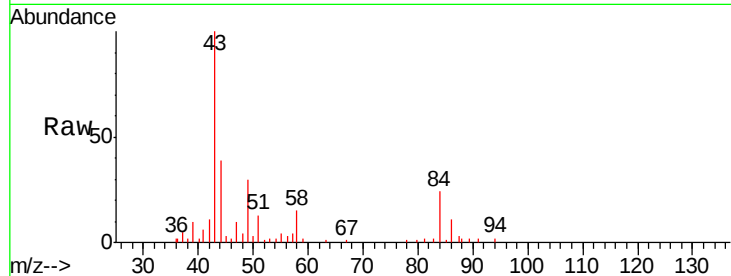
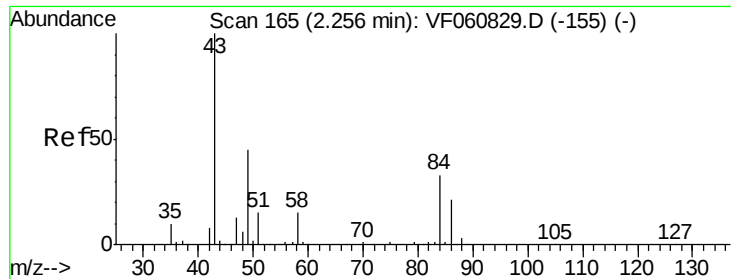
Tgt Ion: 43 Resp: 28829

Ion Ratio Lower Upper

43 100

58 14.4 11.4 17.2





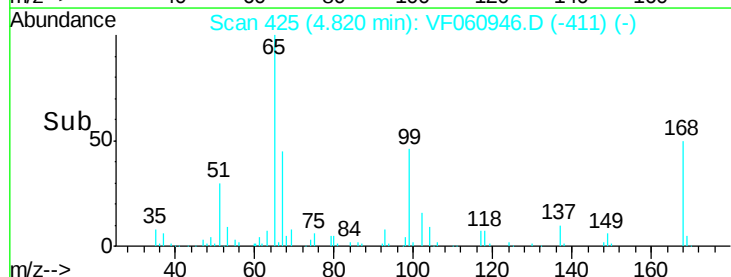
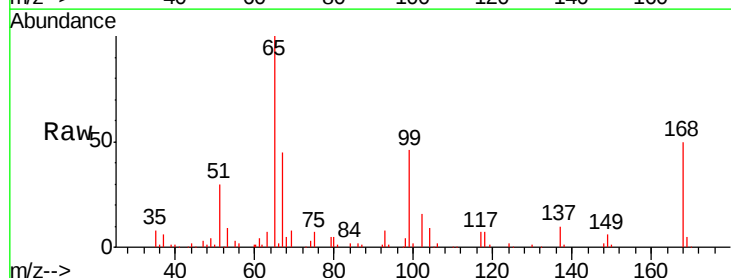
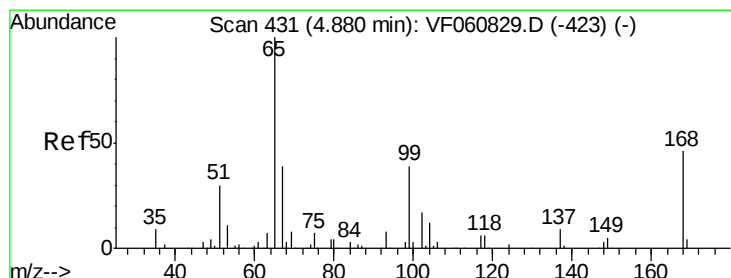
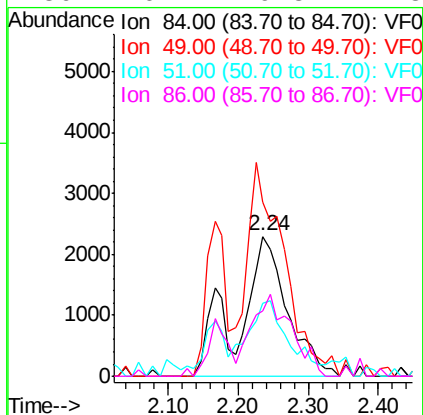
#20
Methylene Chloride
Concen: 6.161 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060946.D
Acq: 7 Dec 2018 23:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	111.3	166.9
51	52.1	38.0	57.0
86	46.4	49.8	74.8#

Instrument :
MSVOA_F
ClientSampleId :
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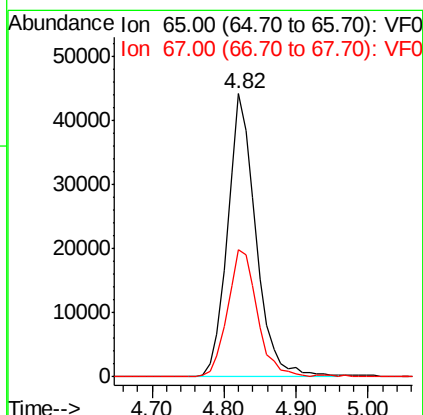
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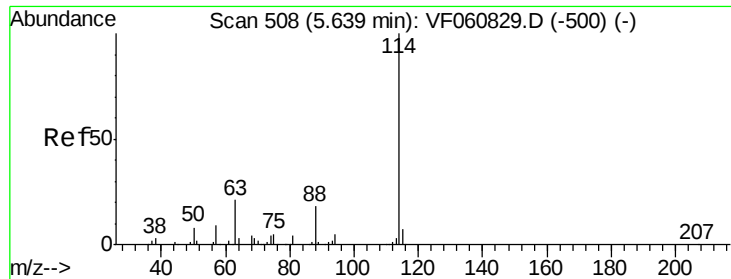
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#33
1,2-Dichloroethane-d4
Concen: 45.315 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.06 min
Lab File: VF060946.D
Acq: 7 Dec 2018 23:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.06 min

Lab File: VF060946.D

Acq: 7 Dec 2018 23:24

Instrument :

MSVOA_F

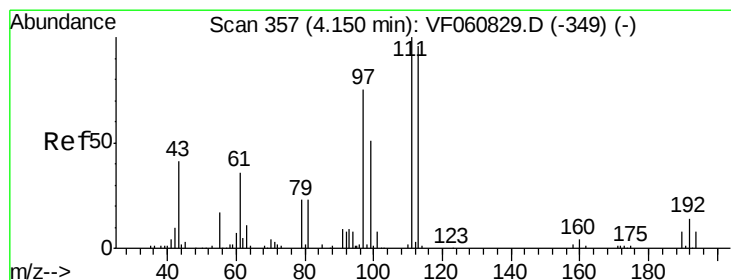
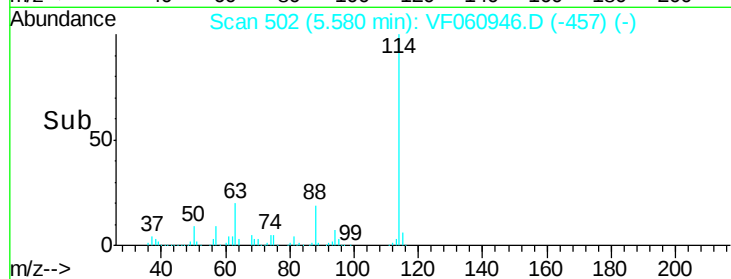
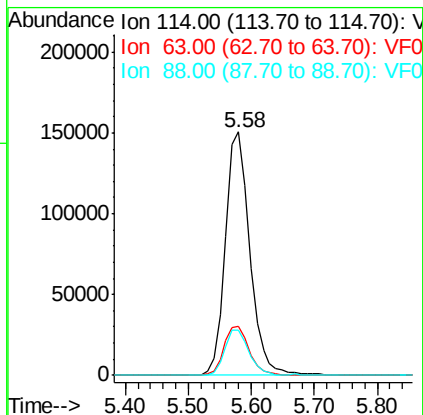
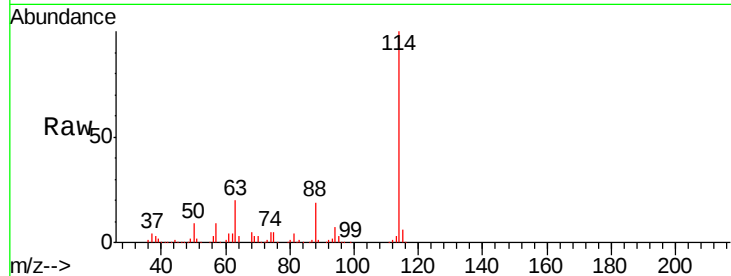
ClientSampleId :

S32-0632

Tgt	Ion	Ratio	Resp	Lower	Upper
114	100		405357		
63	20.2	0.0	41.6		
88	18.6	0.0	36.6		

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#35

Dibromofluoromethane

Concen: 39.661 ug/l

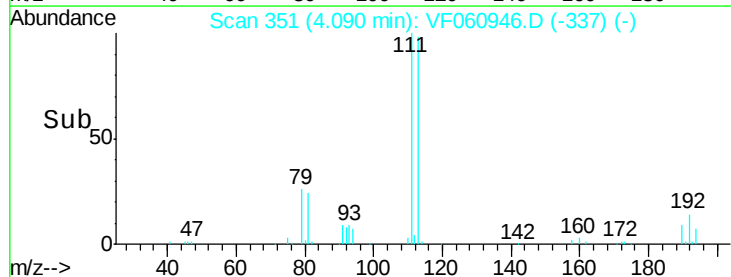
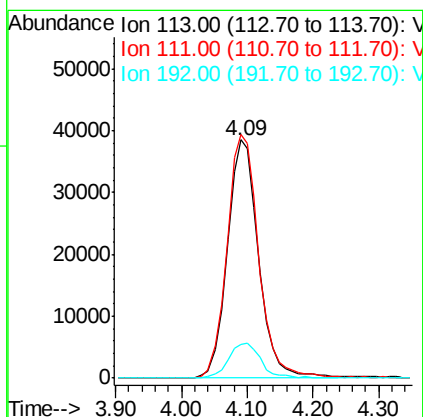
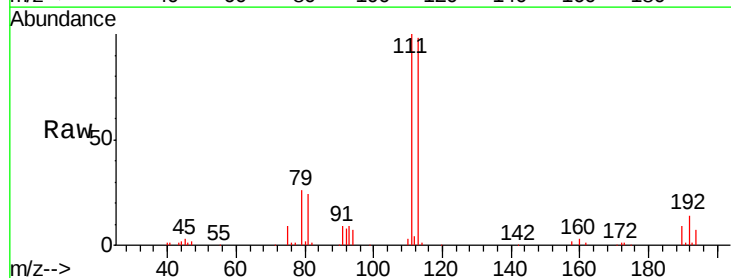
RT: 4.09 min Scan# 351

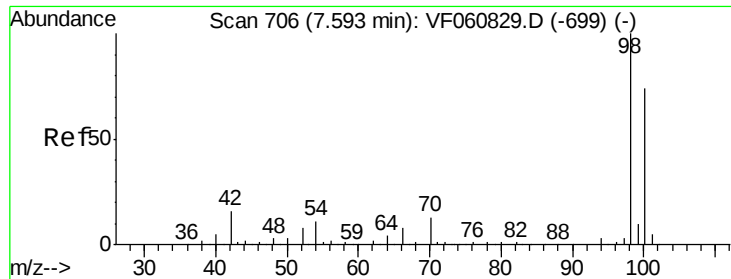
Delta R.T. -0.06 min

Lab File: VF060946.D

Acq: 7 Dec 2018 23:24

Tgt	Ion	Ratio	Resp	Lower	Upper
113	100		127543		
111	102.2	83.0	124.6		
192	14.2	12.3	18.5		





#50

Toluene-d8

Concen: 33.136 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.06 min

Lab File: VF060946.D

Acq: 7 Dec 2018 23:24

Instrument :

MSVOA_F

ClientSampled :

S32-0632

Tgt Ion: 98 Resp: 313889

Ion Ratio Lower Upper

98 100

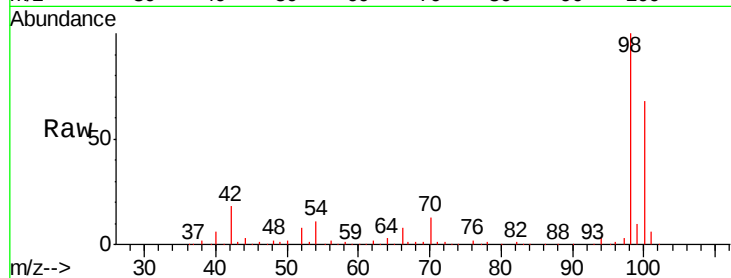
100 68.1 59.3 88.9

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

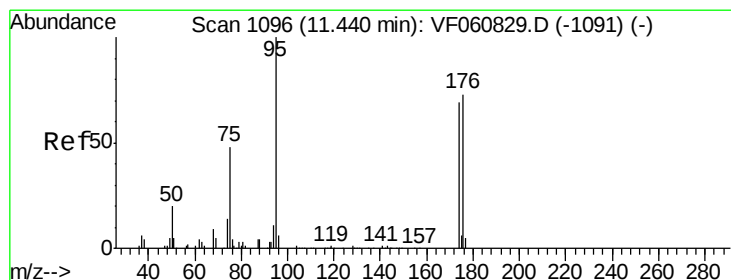
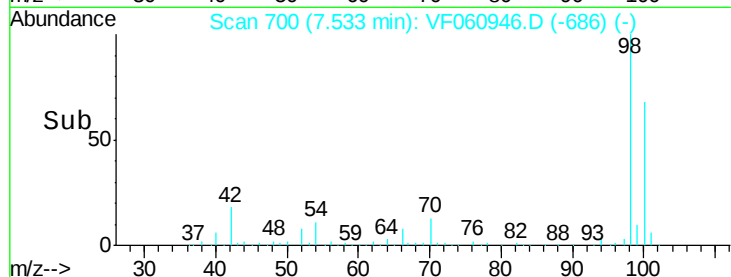
7.53

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.896 ug/l m

RT: 11.40 min Scan# 1092

Delta R.T. -0.04 min

Lab File: VF060946.D

Acq: 7 Dec 2018 23:24

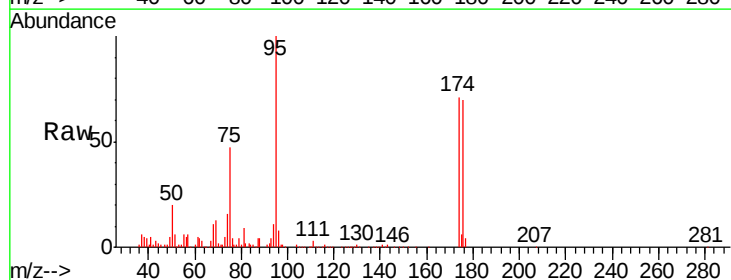
Tgt Ion: 95 Resp: 163151

Ion Ratio Lower Upper

95 100

174 71.3 0.0 138.2

176 69.6 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

120000

11.40

100000

80000

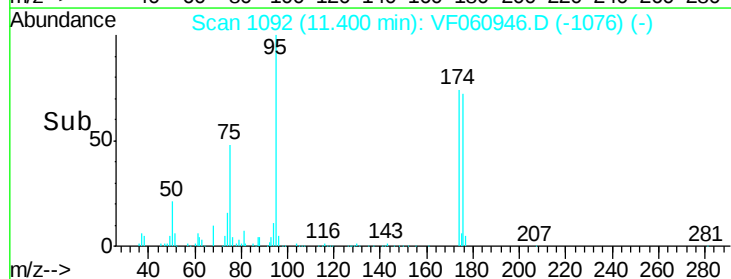
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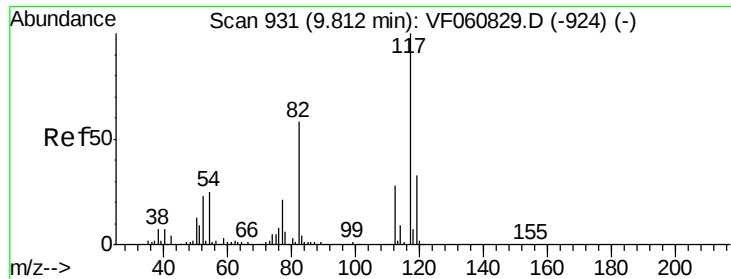
40000

20000

0

Time-->





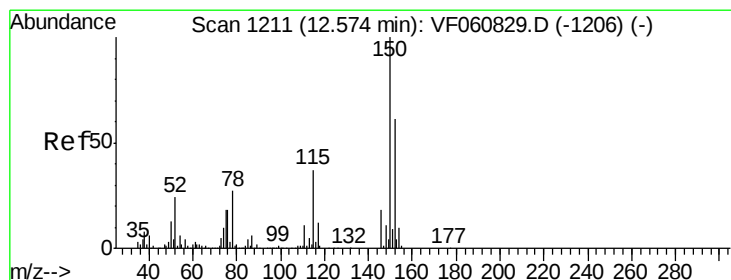
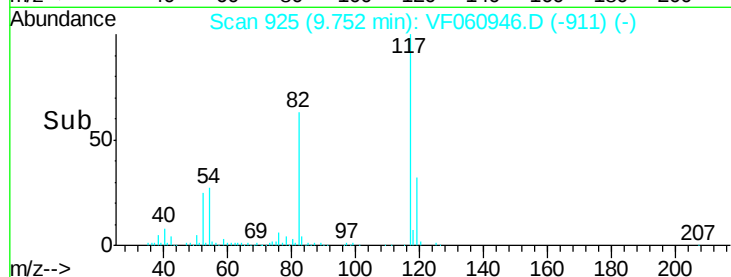
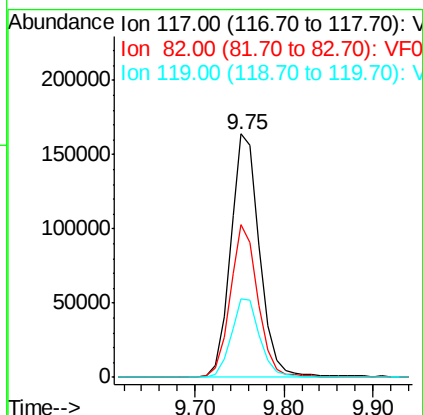
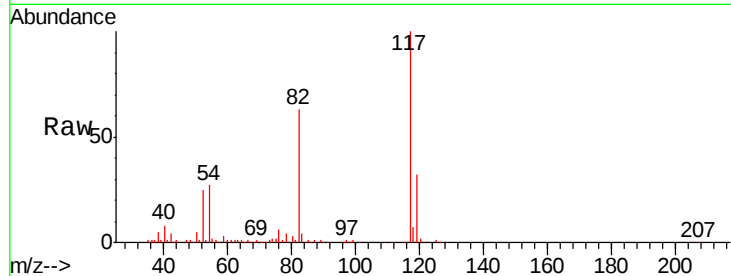
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.06 min
Lab File: VF060946.D
Acq: 7 Dec 2018 23:24

Instrument :
MSVOA_F
ClientSampleId :
S32-0632

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	372516		
82	62.8	46.6	69.8	
119	32.1	26.4	39.6	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.04 min
Lab File: VF060946.D
Acq: 7 Dec 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	174979		
115	64.7	30.1	90.5	
150	152.9	0.0	327.6	

