

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061145.D
 Acq On : 22 Dec 2018 15:31
 Operator : VA/AP
 Sample : J6518-01RE
 Misc : 5.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 337-SOILRE

Manual Integrations
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 12/26/2018 11:05:17 AM

Quant Time: Dec 24 03:29:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	160350	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	309328	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.79	117	221871	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	73892	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	130963	63.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	127.00%	
35) Dibromofluoromethane	4.13	113	144599	58.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.72%	
50) Toluene-d8	7.57	98	333547	47.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.43	95	113630	35.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.20%	
Target Compounds						
16) Acetone	2.25	43	10512m	25.497	ug/l	Qvalue
40) Benzene	4.65	78	9138	1.138	ug/l	94
52) Toluene	7.64	92	38616	7.265	ug/l	85

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

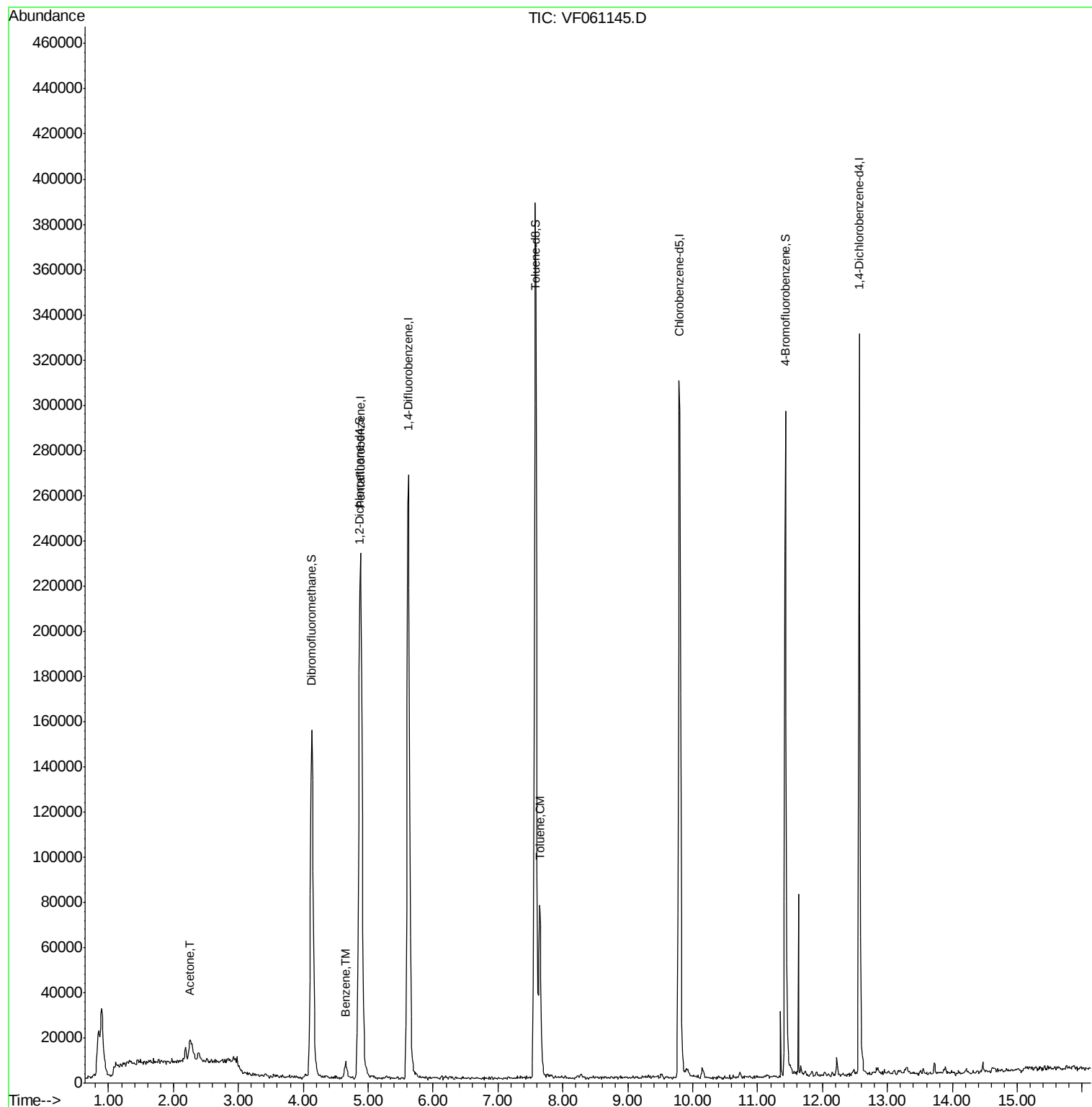
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061145.D
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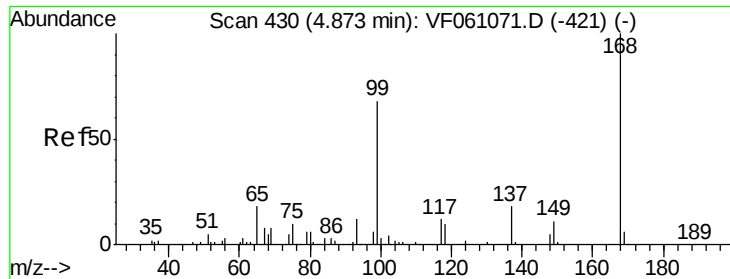
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Quant Time: Dec 24 03:29:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061145.D

Acq: 22 Dec 2018 15:31

Instrument :

MSVOA_F

ClientSampleId :

337-SOILRE

Tgt Ion:168 Resp: 160350

Ion Ratio Lower Upper

168 100

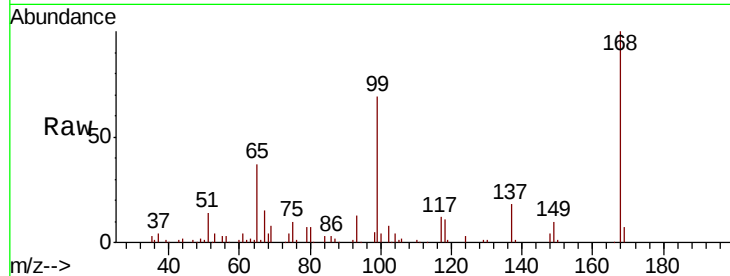
99 69.1 54.4 81.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

50000

40000

30000

20000

10000

0

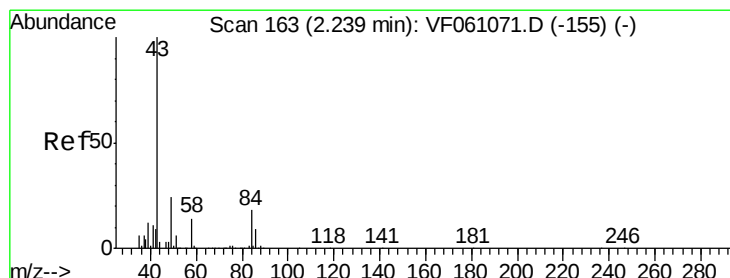
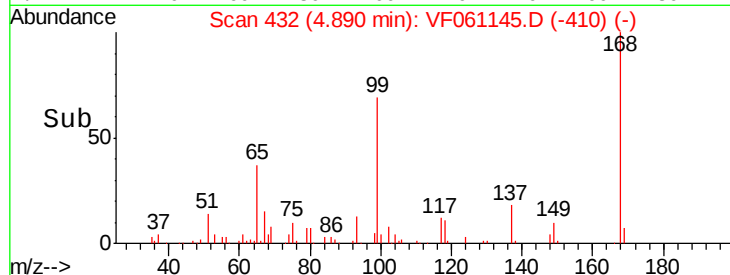
4.80

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 25.497 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061145.D

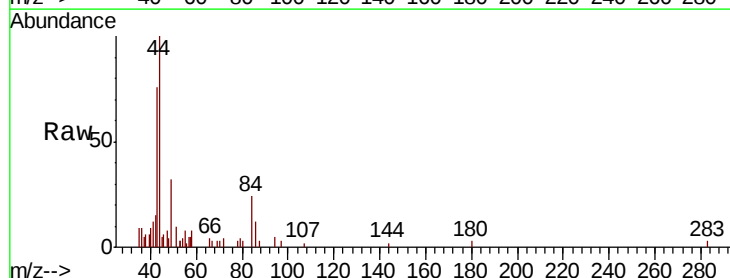
Acq: 22 Dec 2018 15:31

Tgt Ion: 43 Resp: 10512

Ion Ratio Lower Upper

43 100

58 11.0 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

3000

2000

1000

0

2.15

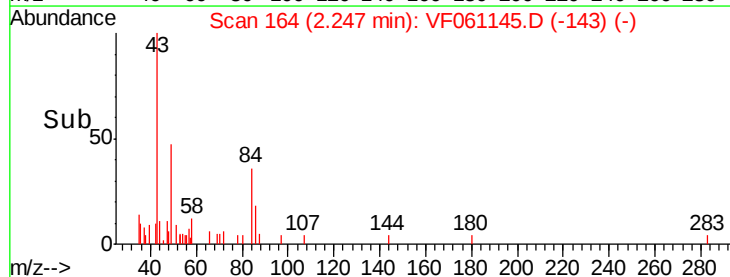
2.20

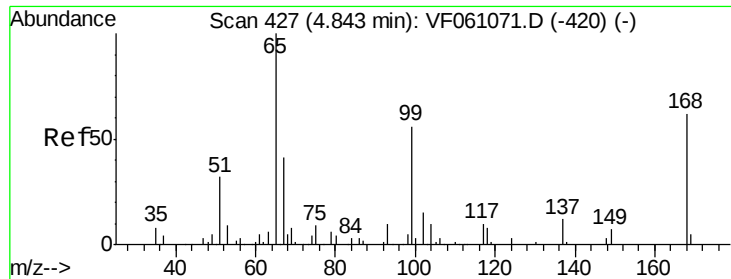
2.25

2.30

2.35

Time-->





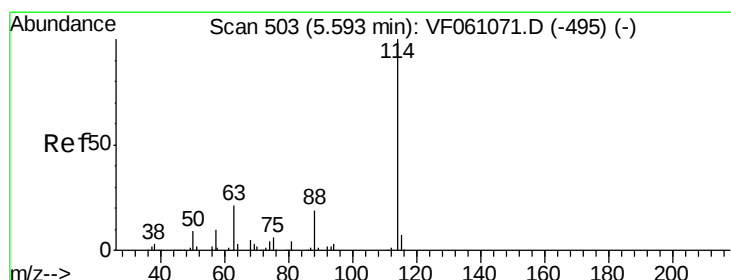
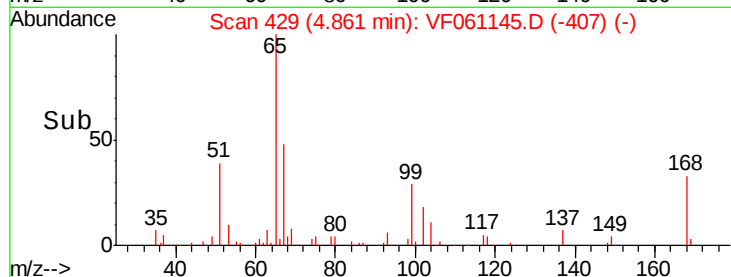
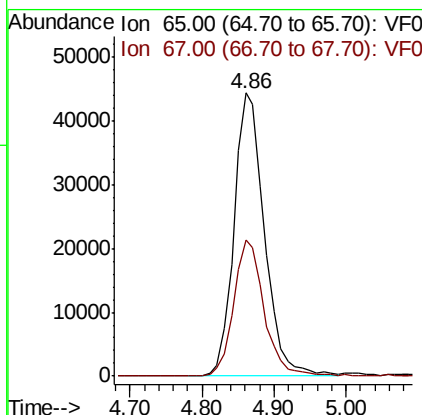
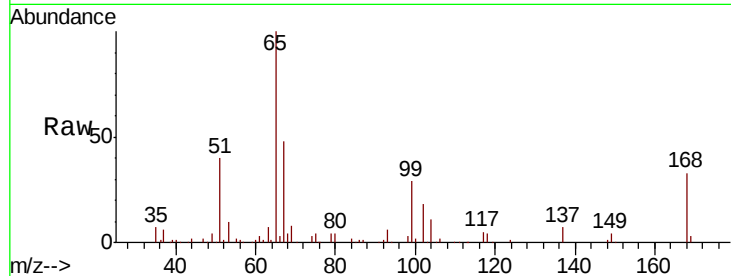
#33
 1,2-Dichloroethane-d4
 Concen: 63.501 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.02 min
 Lab File: VF061145.D
 Acq: 22 Dec 2018 15:31

Instrument :
 MSVOA_F
 ClientSampleId :
 337-SOILRE

Tgt Ion: 65 Resp: 130963
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 94.6

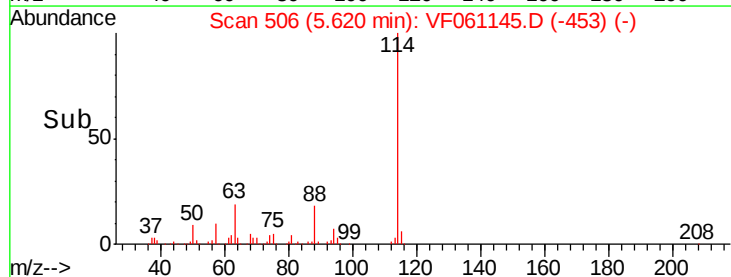
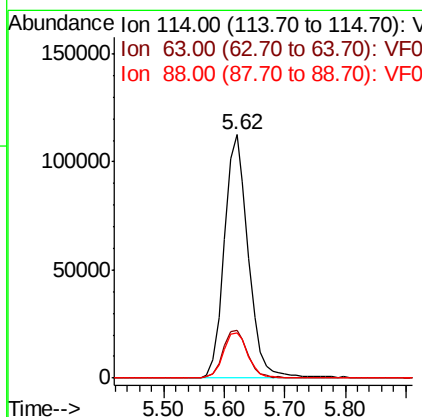
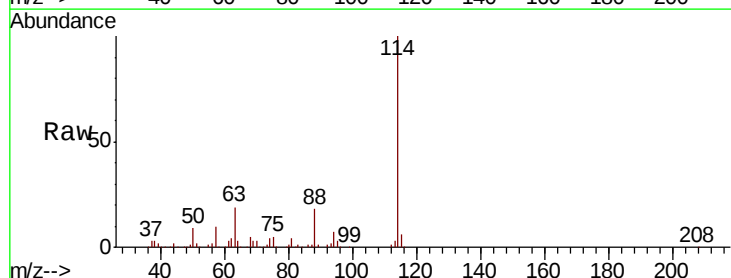
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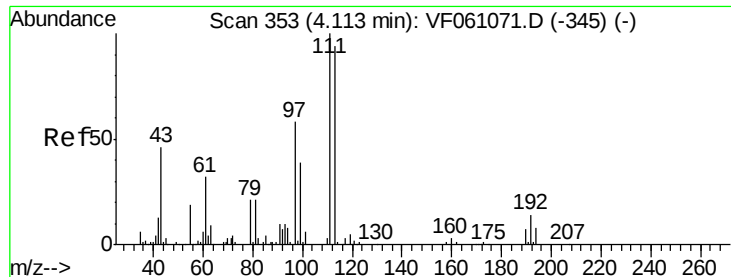
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. 0.03 min
 Lab File: VF061145.D
 Acq: 22 Dec 2018 15:31

Tgt Ion: 114 Resp: 309328
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.6
 88 18.3 0.0 38.0





#35

Dibromofluoromethane

Concen: 58.356 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF061145.D

Acq: 22 Dec 2018 15:31

Instrument :

MSVOA_F

ClientSampleId :

337-SOILRE

Tgt Ion: 113 Resp: 144599

Ion Ratio Lower Upper

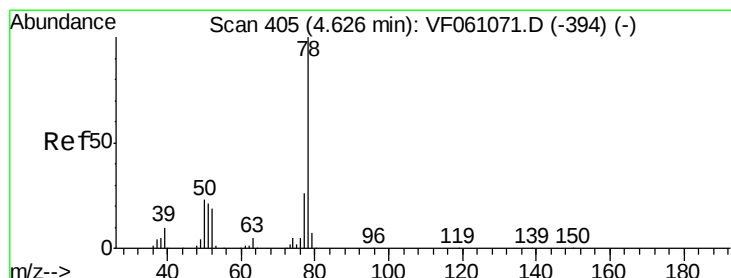
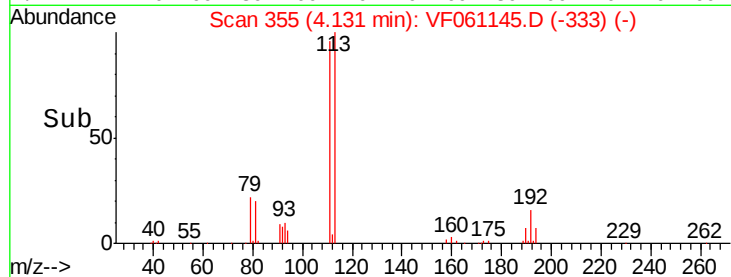
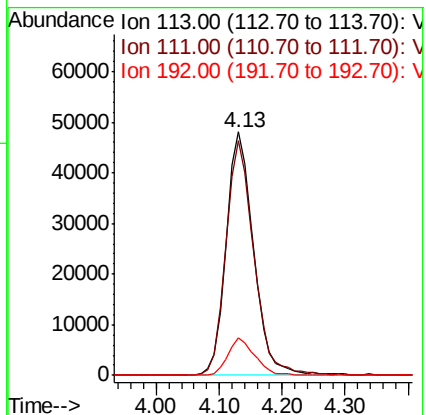
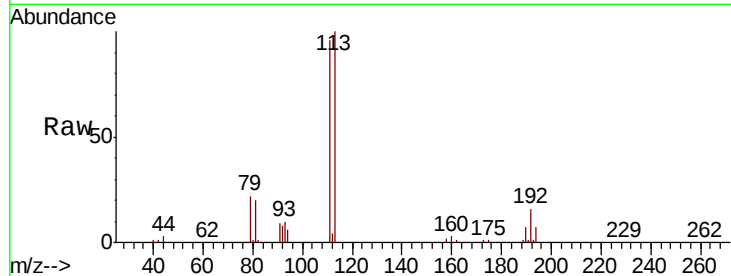
113 100

111 96.5 85.2 127.8

192 16.2 12.8 19.2

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#40

Benzene

Concen: 1.138 ug/l

RT: 4.65 min Scan# 408

Delta R.T. 0.03 min

Lab File: VF061145.D

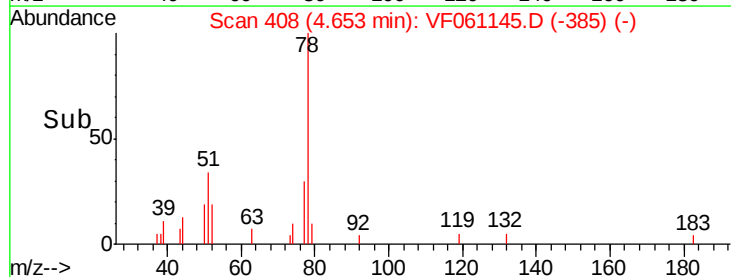
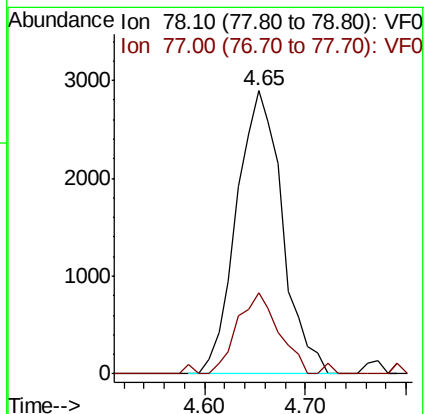
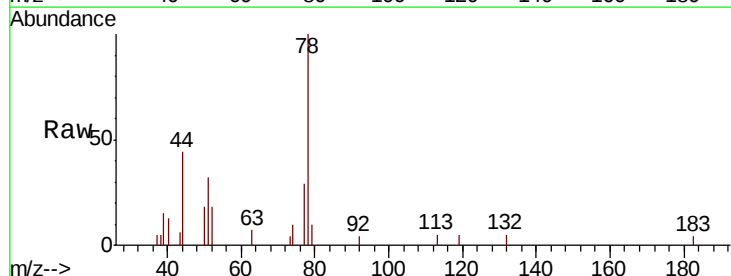
Acq: 22 Dec 2018 15:31

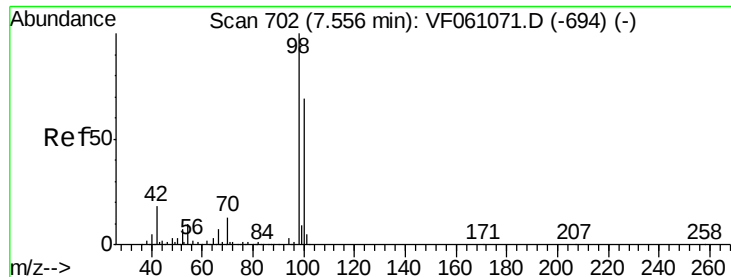
Tgt Ion: 78 Resp: 9138

Ion Ratio Lower Upper

78 100

77 28.8 20.7 31.1





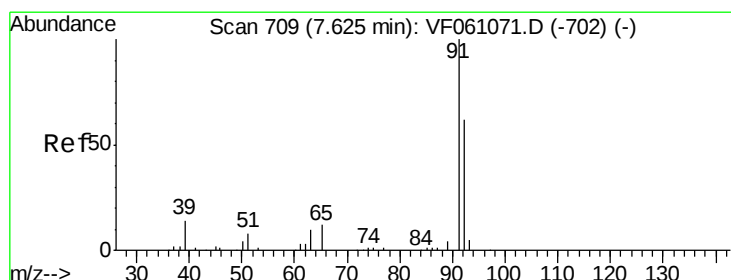
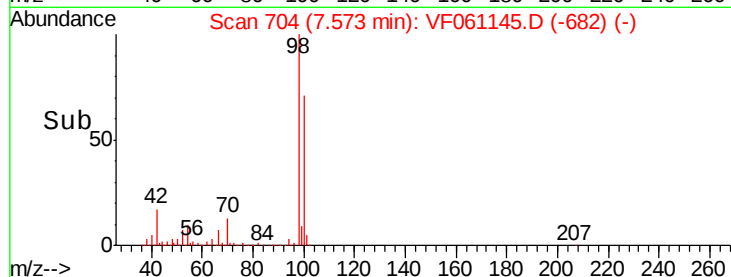
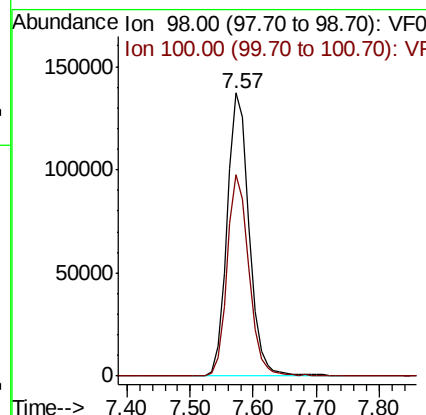
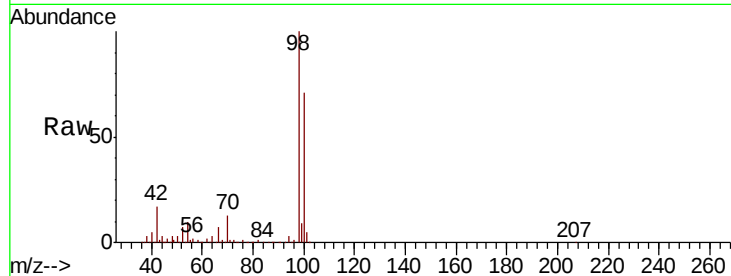
#50
Toluene-d8
Concen: 47.500 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF061145.D
Acq: 22 Dec 2018 15:31

Instrument :
MSVOA_F
ClientSampleId :
337-SOILRE

Tgt Ion: 98 Resp: 333547
Ion Ratio Lower Upper
98 100
100 71.0 55.3 82.9

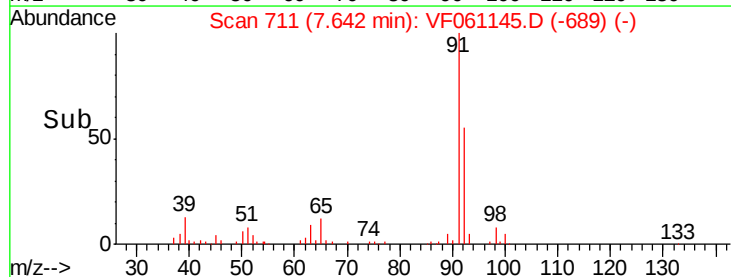
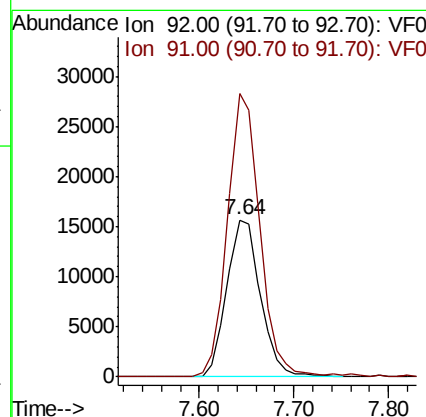
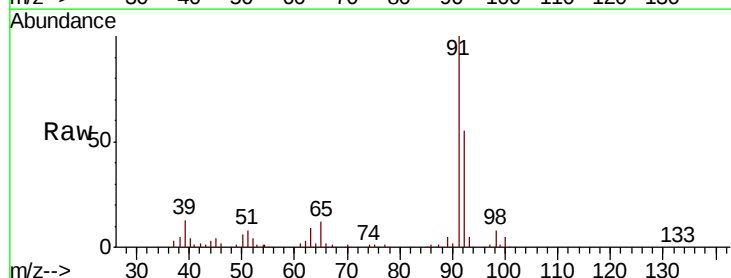
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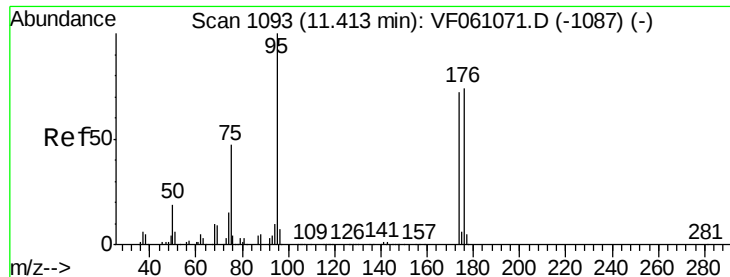
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#52
Toluene
Concen: 7.265 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF061145.D
Acq: 22 Dec 2018 15:31

Tgt Ion: 92 Resp: 38616
Ion Ratio Lower Upper
92 100
91 180.7 128.8 193.2





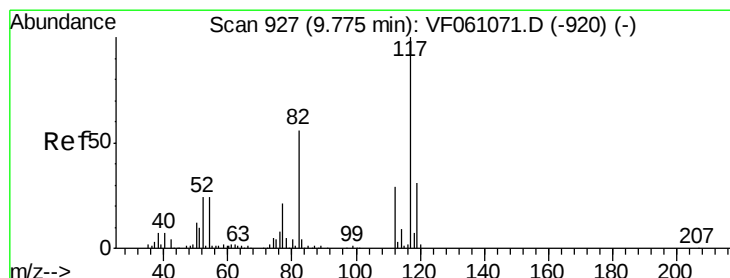
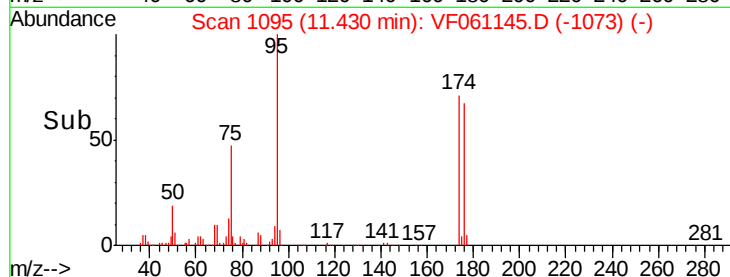
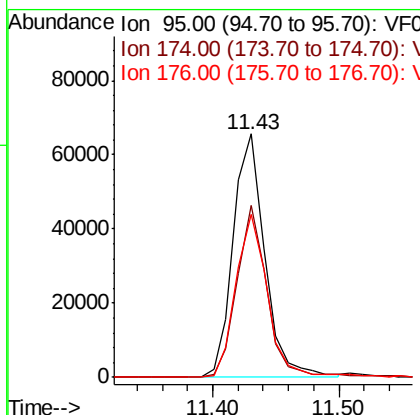
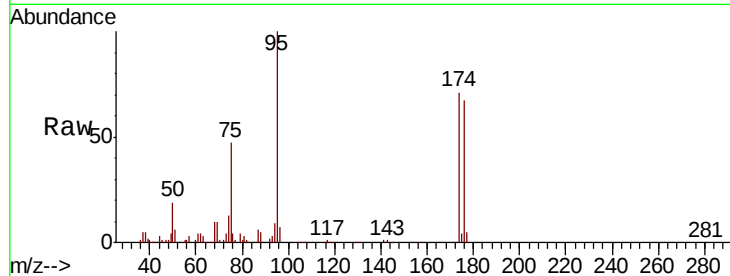
#62
4-Bromofluorobenzene
Concen: 35.101 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061145.D
Acq: 22 Dec 2018 15:31

Instrument :
MSVOA_F
ClientSampleId :
337-SOILRE

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	113630		
174	70.8	0.0	143.8	
176	67.1	0.0	147.6	

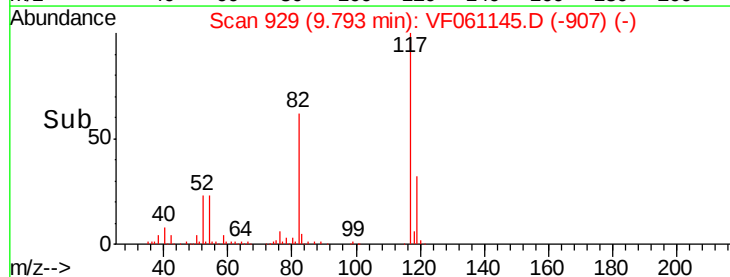
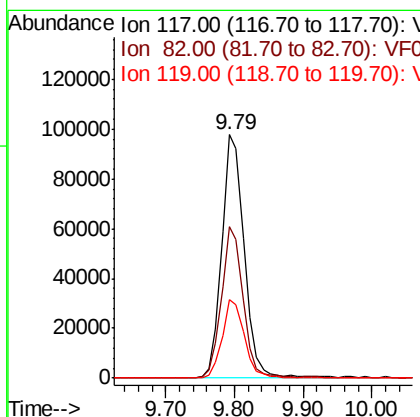
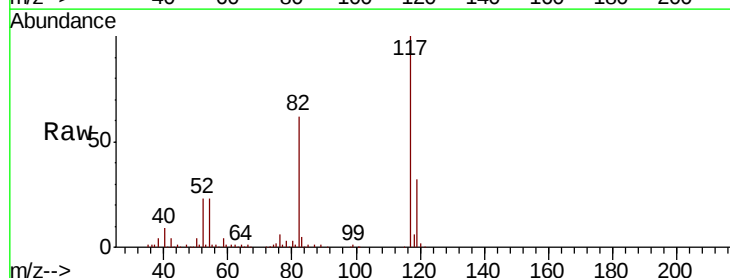
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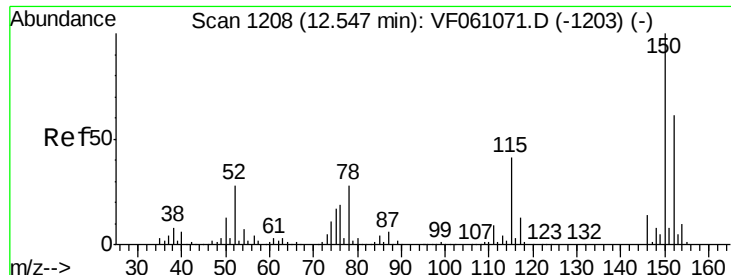
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061145.D
Acq: 22 Dec 2018 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	221871		
82	62.1	45.0	67.4	
119	32.1	24.8	37.2	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: VF061145.D
 Acq: 22 Dec 2018 15:31

Instrument :
 MSVOA_F
 ClientSampleId :
 337-SOILRE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	73892		
115	65.2	33.3	99.9	
150	168.6	0.0	328.2	

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