

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061095.D
 Acq On : 19 Dec 2018 20:03
 Operator : VA/AP
 Sample : J6388-15
 Misc : 4.39g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS011-0612-01

Quant Time: Dec 20 03:18:45 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

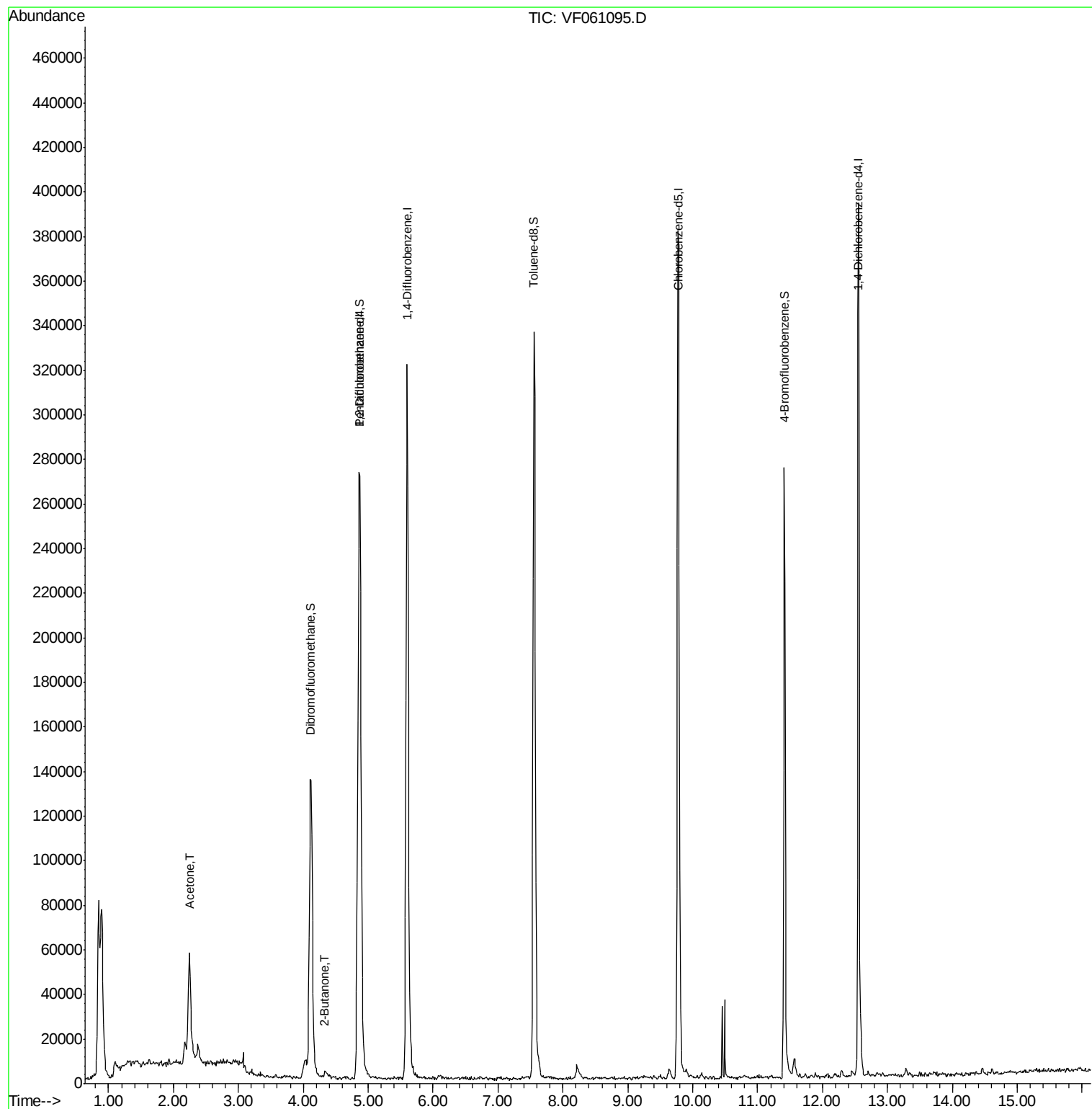
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	192762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	351656	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	281033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	100784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	126008	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	4.12	113	134114	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	7.55	98	279817	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.10%	
62) 4-Bromofluorobenzene	11.41	95	106604	28.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.94%	
Target Compounds						
16) Acetone	2.25	43	87301	176.142	ug/l	97
25) 2-Butanone	4.34	43	6223	7.742	ug/l #	81

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

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MSVOA_F

ClientSampleId :

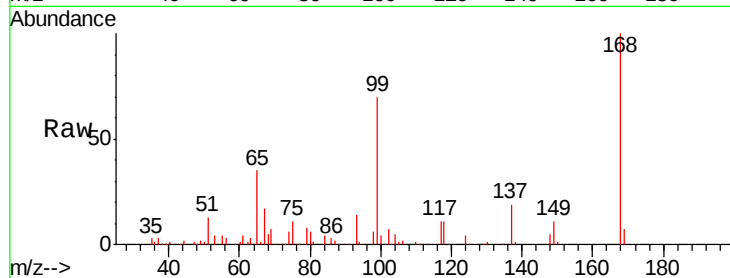
P001-SS011-0612-01

Tgt Ion:168 Resp: 192762

Ion Ratio Lower Upper

168 100

99 70.3 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

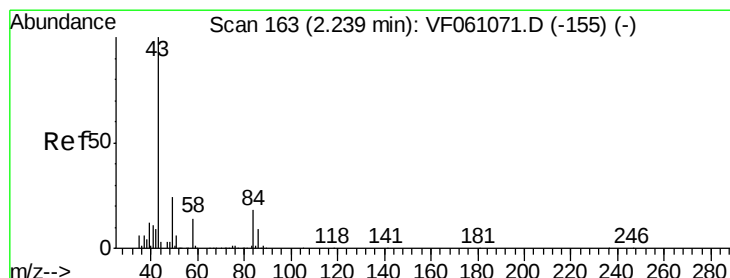
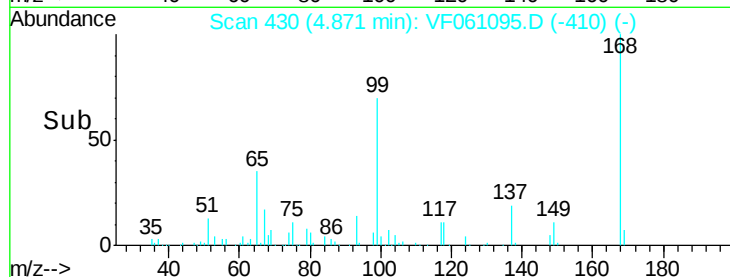
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 176.142 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061095.D

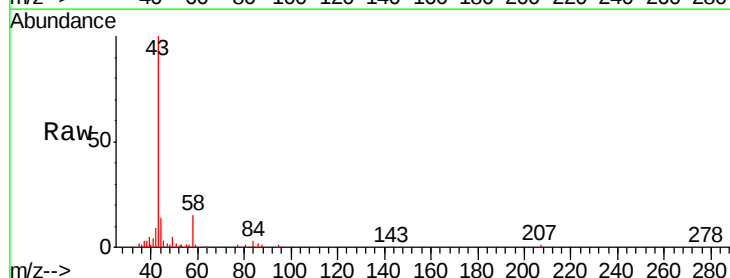
Acq: 19 Dec 2018 20:03

Tgt Ion: 43 Resp: 87301

Ion Ratio Lower Upper

43 100

58 15.0 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

30000

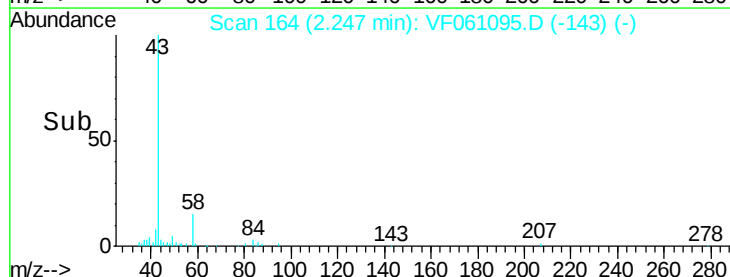
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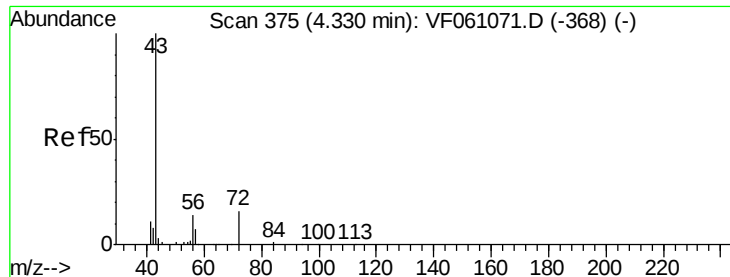
10000

0

Time-->

2.20 2.30 2.40





#25

2-Butanone

Concen: 7.742 ug/l

RT: 4.34 min Scan# 376

Delta R.T. 0.01 min

Lab File: VF061095.D

Acq: 19 Dec 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

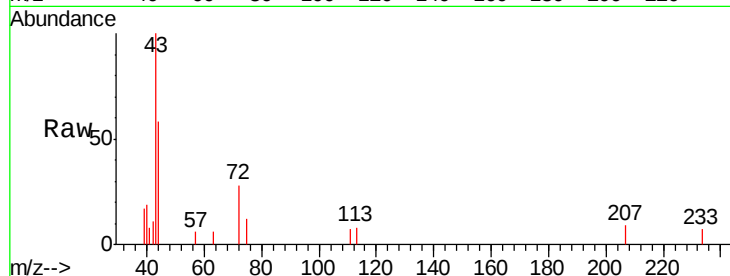
P001-SS011-0612-01

Tgt Ion: 43 Resp: 6223

Ion Ratio Lower Upper

43 100

72 28.0 15.6 23.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.34

2000

1500

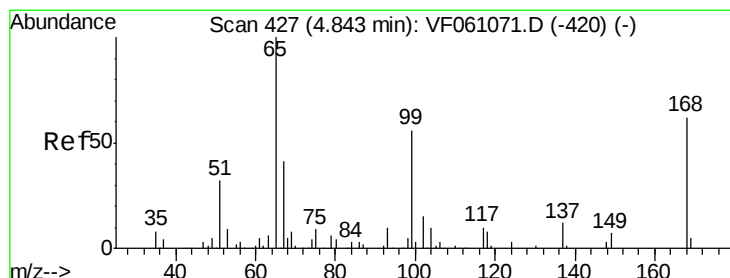
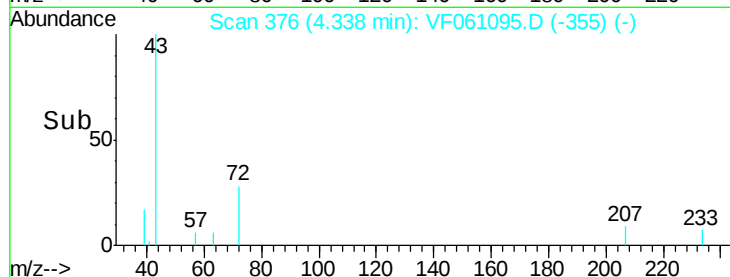
1000

500

0

4.30 4.40

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.825 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF061095.D

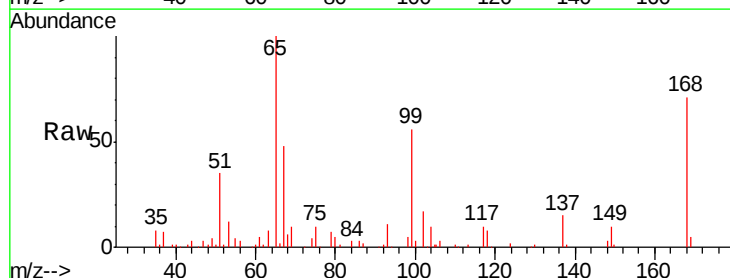
Acq: 19 Dec 2018 20:03

Tgt Ion: 65 Resp: 126008

Ion Ratio Lower Upper

65 100

67 48.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

50000

40000

30000

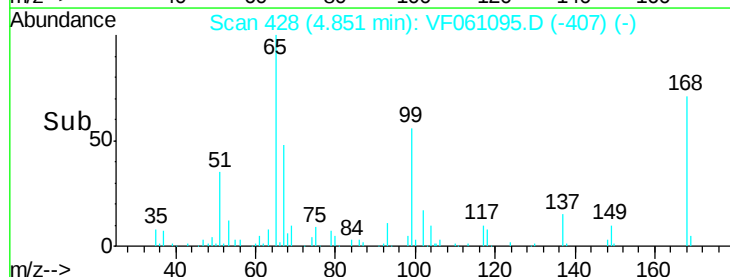
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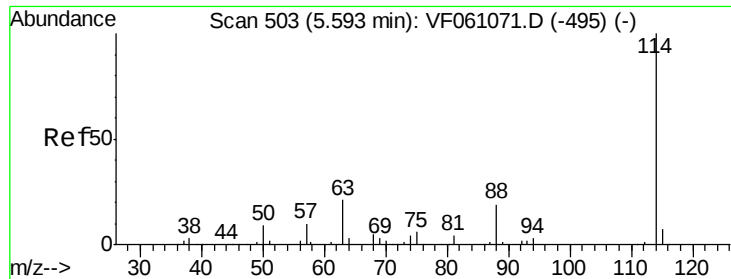
10000

0

4.70 4.80 4.90 5.00

Time-->

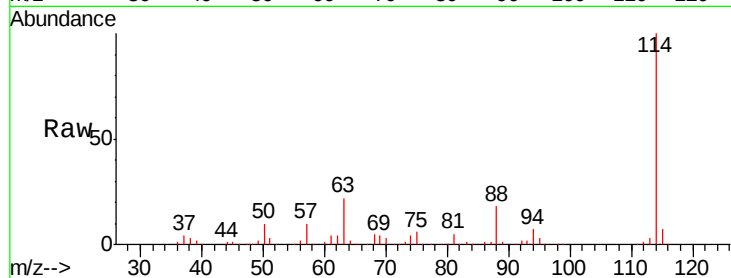




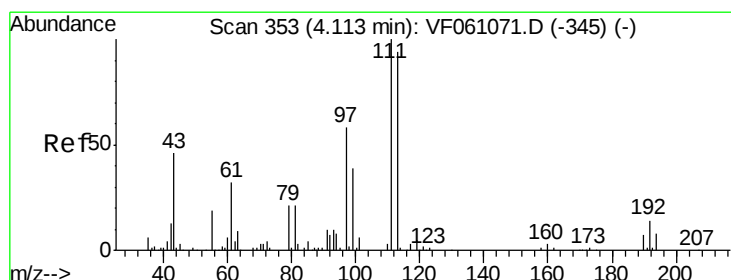
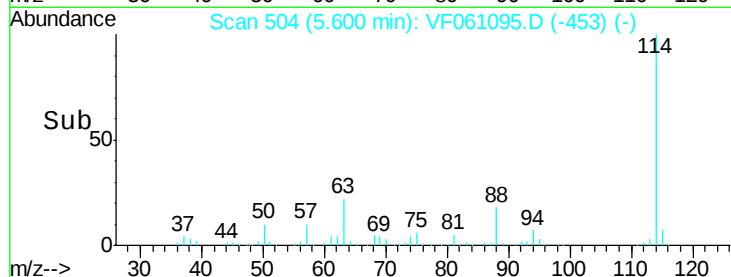
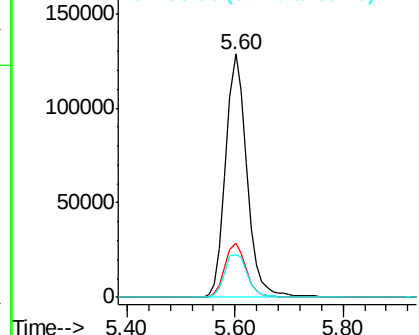
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061095.D
 Acq: 19 Dec 2018 20:03

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS011-0612-01

Tgt Ion:114 Resp: 351656
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 41.6
 88 17.5 0.0 38.0

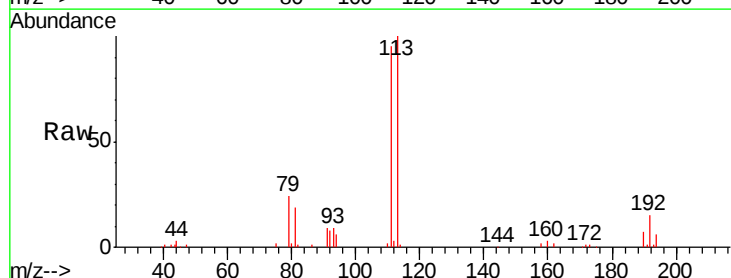


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

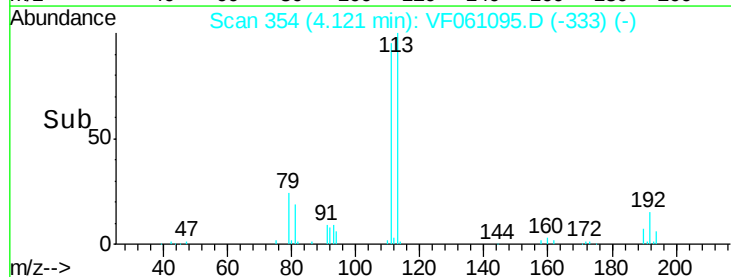
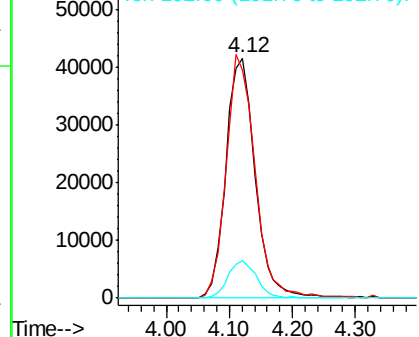


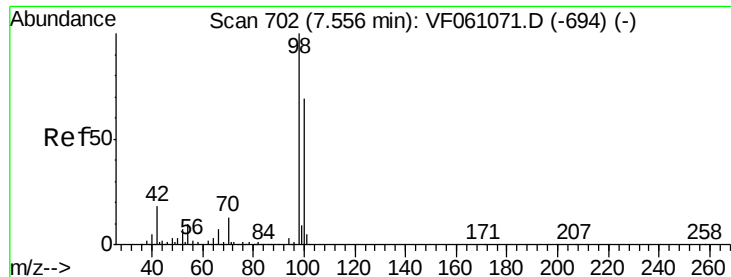
#35
 Dibromofluoromethane
 Concen: 47.609 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VF061095.D
 Acq: 19 Dec 2018 20:03

Tgt Ion:113 Resp: 134114
 Ion Ratio Lower Upper
 113 100
 111 95.0 85.2 127.8
 192 15.4 12.8 19.2



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

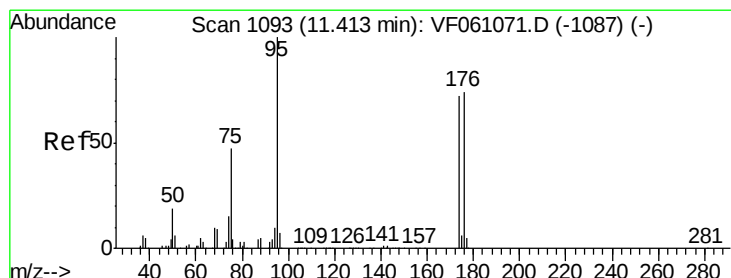
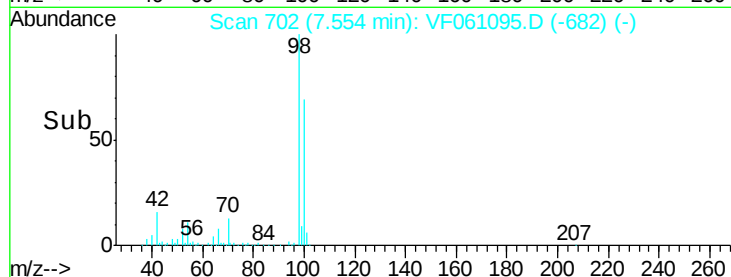
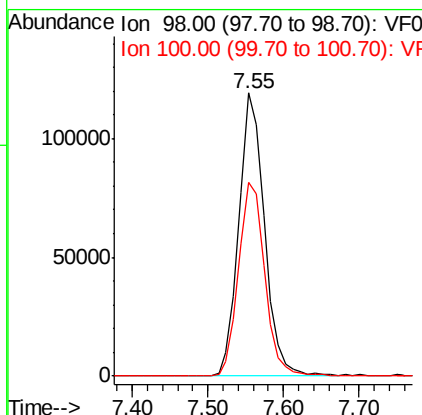
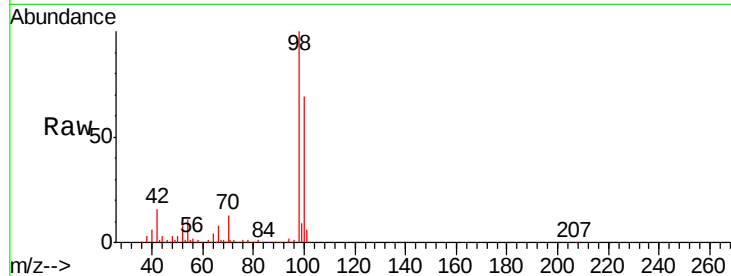




#50
Toluene-d8
Concen: 35.052 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061095.D
Acq: 19 Dec 2018 20:03

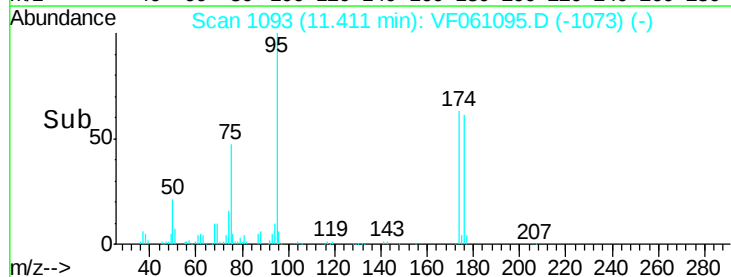
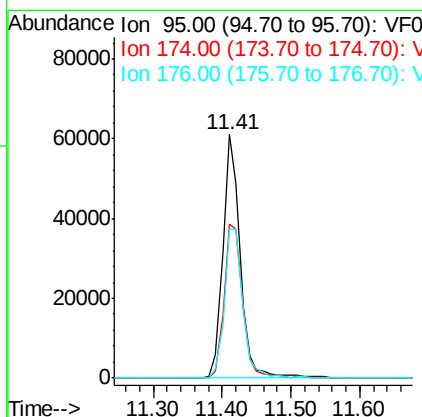
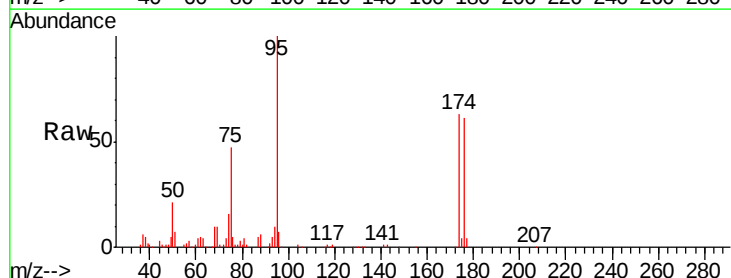
Instrument :
MSVOA_F
ClientSampleId :
P001-SS011-0612-01

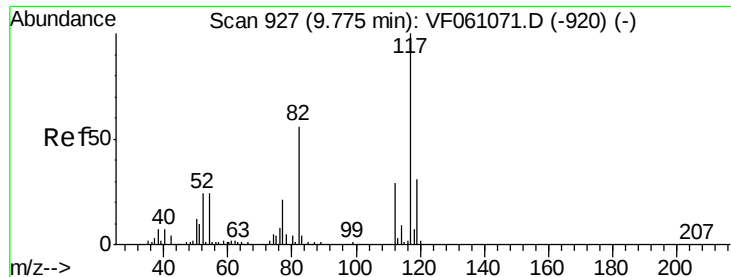
Tgt Ion: 98 Resp: 279817
Ion Ratio Lower Upper
98 100
100 68.7 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 28.967 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061095.D
Acq: 19 Dec 2018 20:03

Tgt Ion: 95 Resp: 106604
Ion Ratio Lower Upper
95 100
174 63.0 0.0 143.8
176 61.3 0.0 147.6

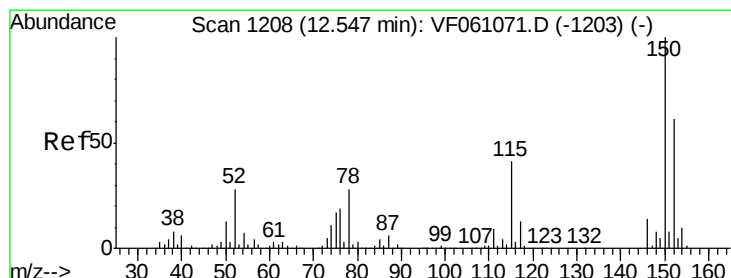
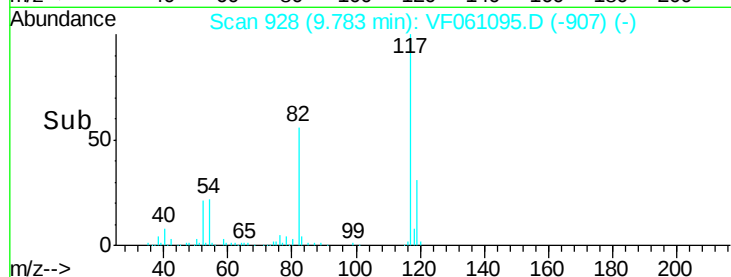
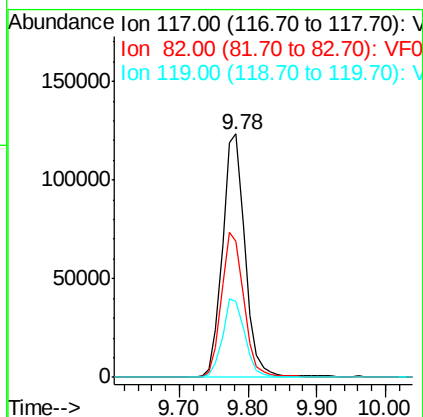
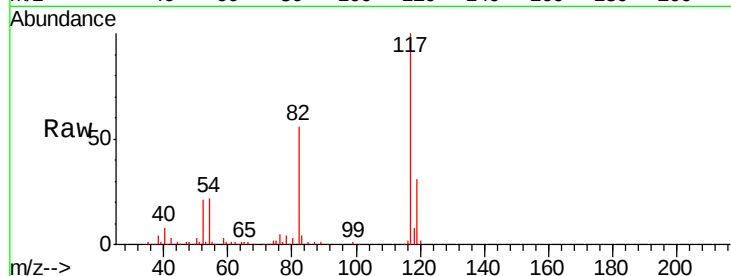




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061095.D
Acq: 19 Dec 2018 20:03

Instrument :
MSVOA_F
ClientSampleId :
P001-SS011-0612-01

Tgt Ion:117 Resp: 281033
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 31.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061095.D
Acq: 19 Dec 2018 20:03

Tgt Ion:152 Resp: 100784
Ion Ratio Lower Upper
152 100
115 58.5 33.3 99.9
150 151.5 0.0 328.2

