

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061526.D
 Acq On : 25 Jan 2019 17:47
 Operator : VA/AP
 Sample : K1238-41RE
 Misc : 7.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S5RE

Quant Time: Jan 28 01:12:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

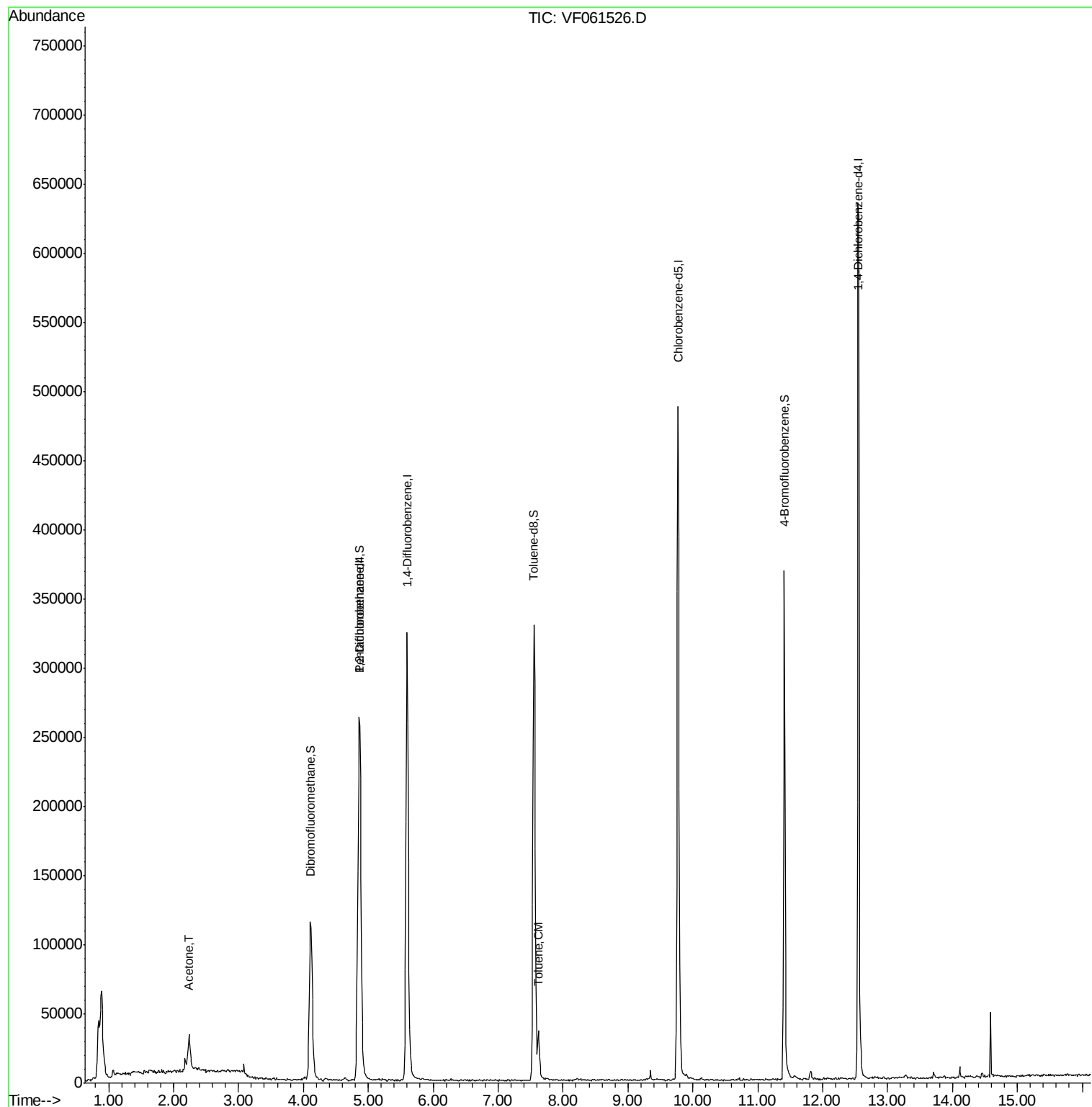
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	199995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	363425	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	340643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	170659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	100027	40.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.02%	
35) Dibromofluoromethane	4.11	113	115350	40.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.44%	
50) Toluene-d8	7.55	98	278162	35.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.80%	
62) 4-Bromofluorobenzene	11.41	95	138110	37.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.24%	
Target Compounds						
16) Acetone	2.24	43	32375	65.358	ug/l	97
52) Toluene	7.63	92	16558	2.682	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

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MSVOA_F

ClientSampleId :

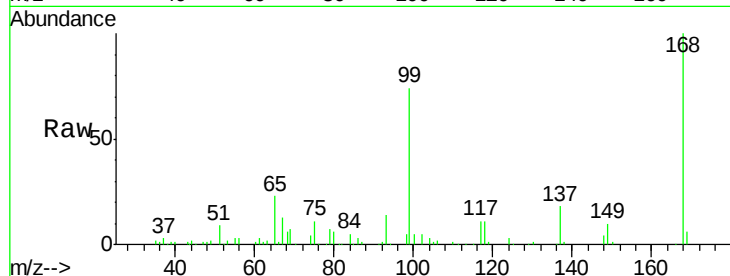
S5RE

Tot Ion:168 Resp: 199995

Ion Ratio Lower Upper

168 100

99 74.3 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

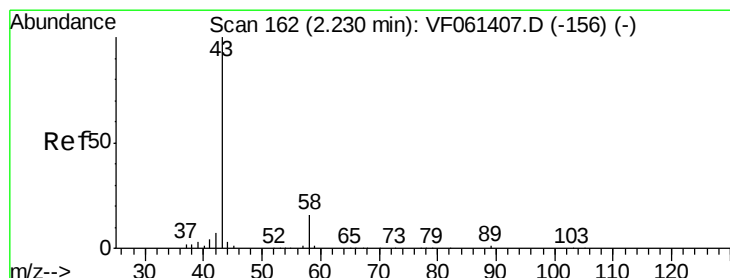
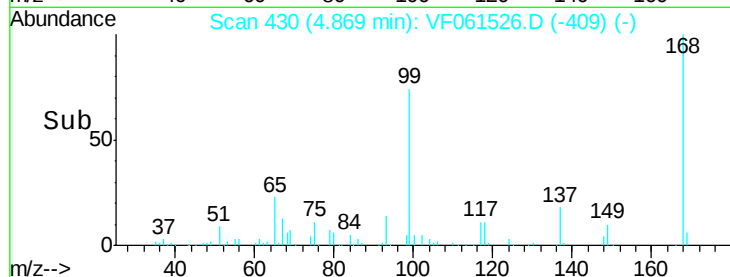
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 65.358 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061526.D

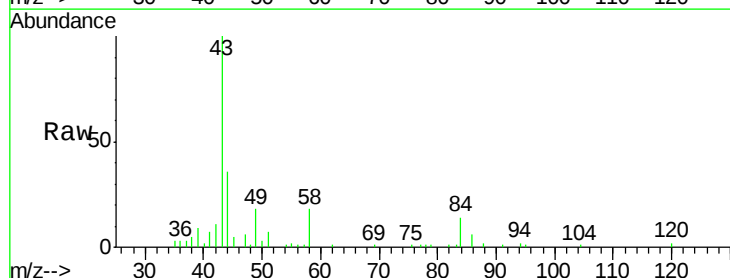
Acq: 25 Jan 2019 17:47

Tgt Ion: 43 Resp: 32375

Ion Ratio Lower Upper

43 100

58 17.9 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

15000

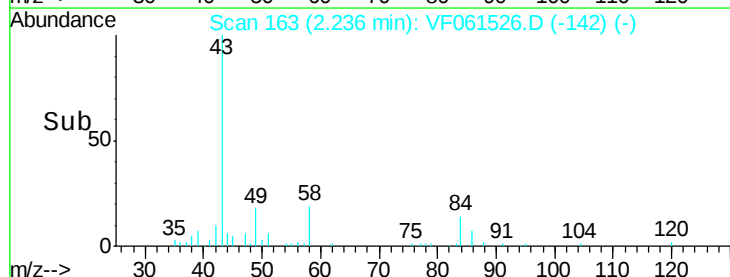
10000

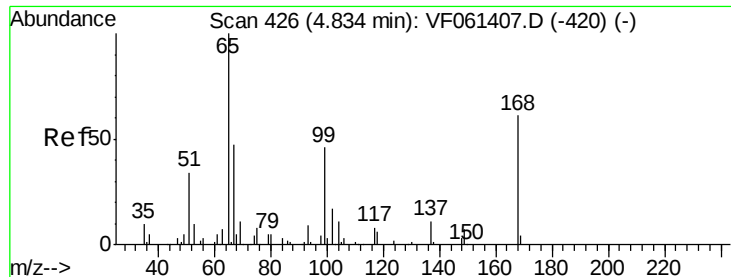
5000

0

Time-->

2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 40.510 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.02 min

Lab File: VF061526.D

Acq: 25 Jan 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

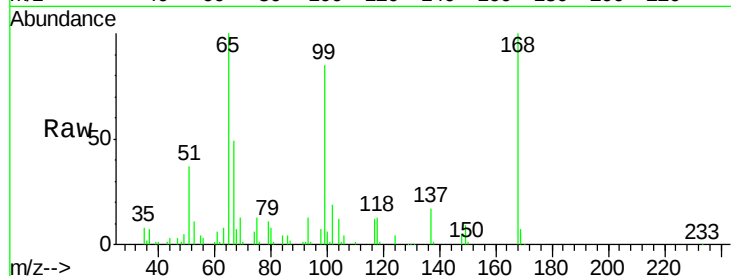
S5RE

Tot Ion: 65 Resp: 100027

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

30000

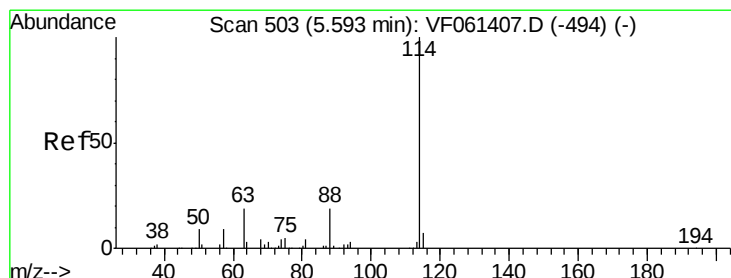
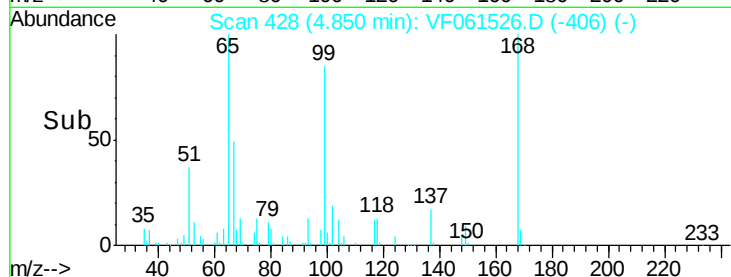
20000

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: VF061526.D

Acq: 25 Jan 2019 17:47

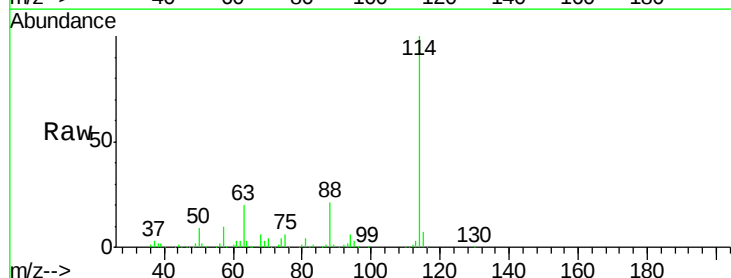
Tgt Ion: 114 Resp: 363425

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 20.8 0.0 37.4



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

5.60

150000

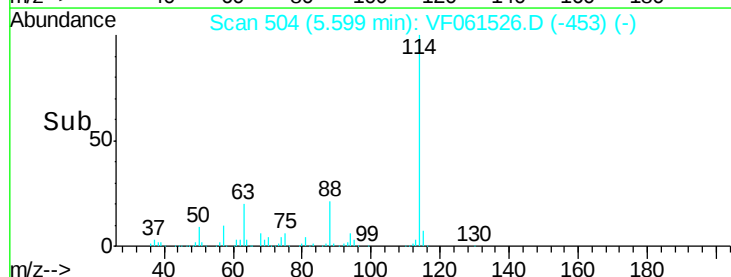
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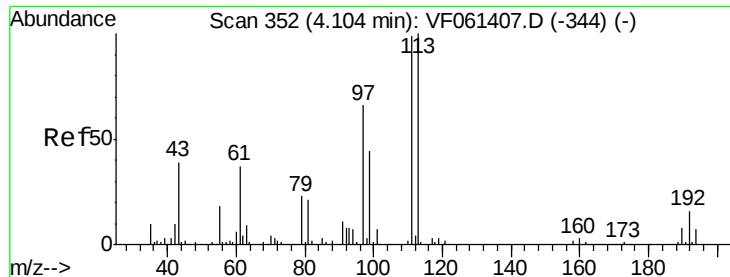
50000

0

5.40 5.50 5.60 5.70 5.80

Time-->

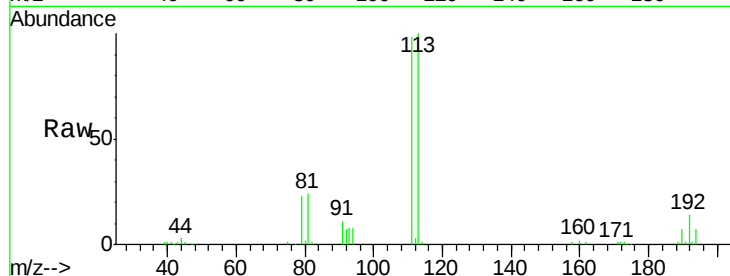




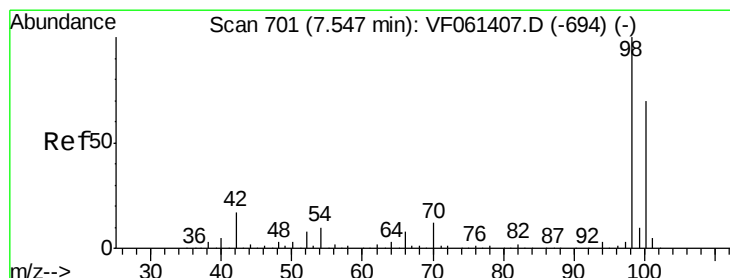
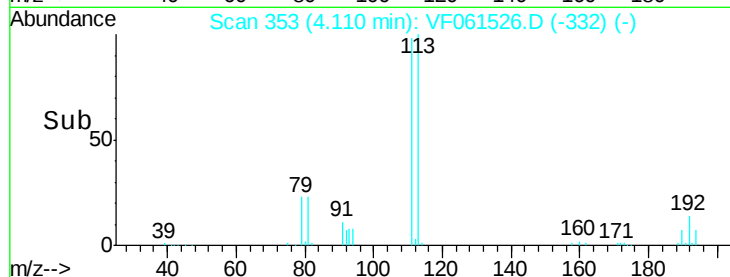
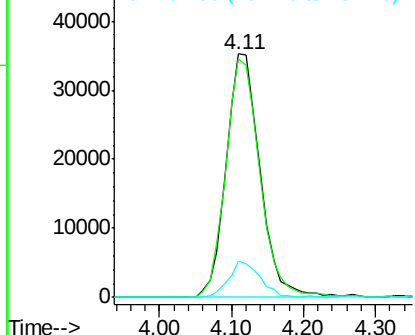
#35
 Dibromofluoromethane
 Concen: 40.223 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF061526.D
 Acq: 25 Jan 2019 17:47

Instrument :
 MSVOA_F
 ClientSampleId :
 S5RE

Tot Ion:113 Resp: 115350
 Ion Ratio Lower Upper
 113 100
 111 97.7 79.4 119.0
 192 14.8 12.4 18.6

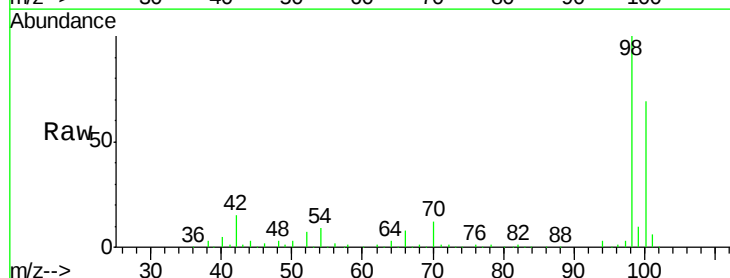


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

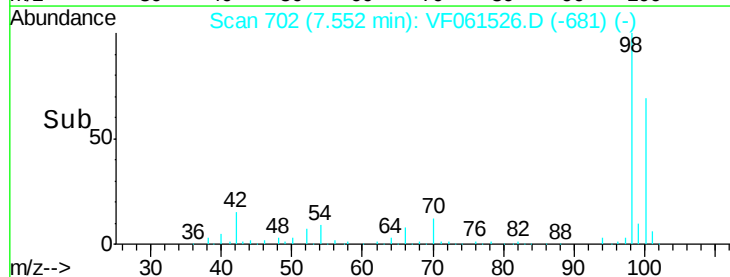
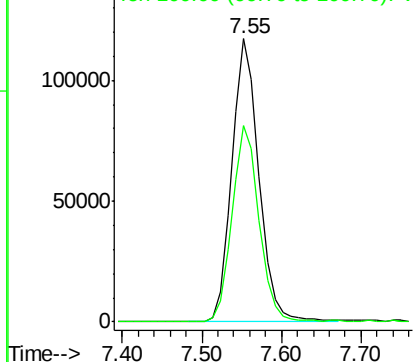


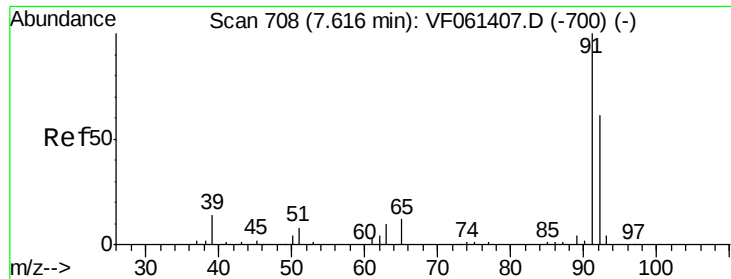
#50
 Toluene-d8
 Concen: 35.403 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VF061526.D
 Acq: 25 Jan 2019 17:47

Tgt Ion: 98 Resp: 278162
 Ion Ratio Lower Upper
 98 100
 100 69.2 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 2.682 ug/l

RT: 7.63 min Scan# 710

Delta R.T. 0.02 min

Lab File: VF061526.D

Acq: 25 Jan 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

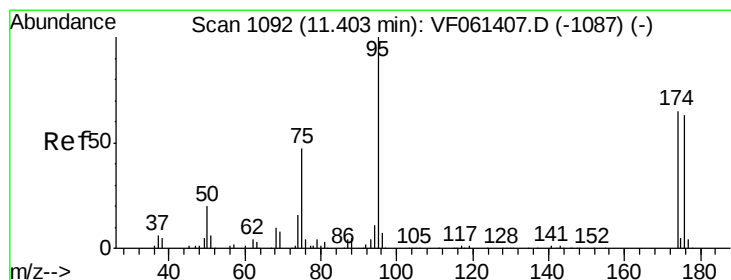
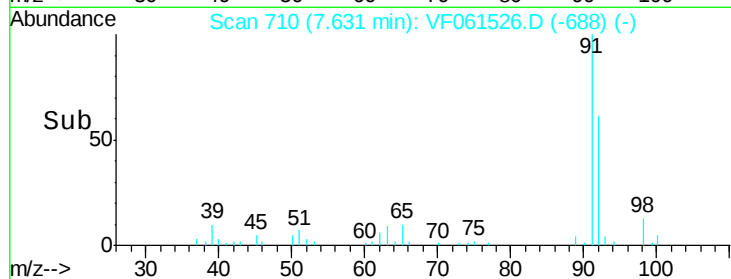
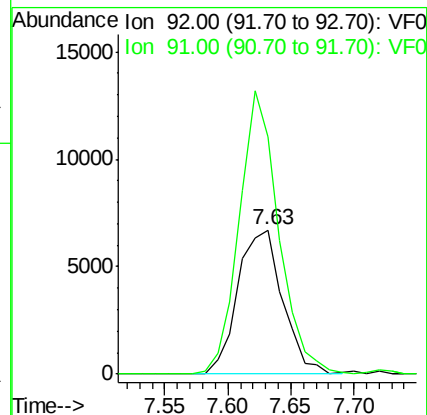
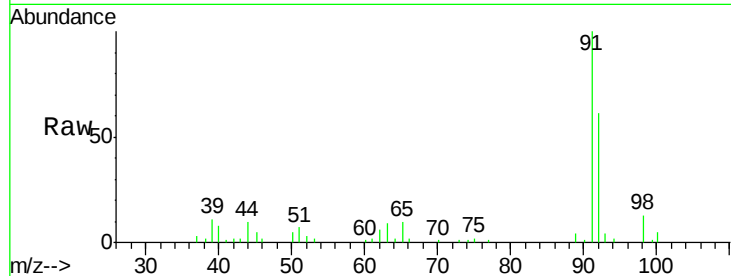
S5RE

Tot Ion: 92 Resp: 16558

Ion Ratio Lower Upper

92 100

91 165.2 131.2 196.8



#62

4-Bromofluorobenzene

Concen: 37.621 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061526.D

Acq: 25 Jan 2019 17:47

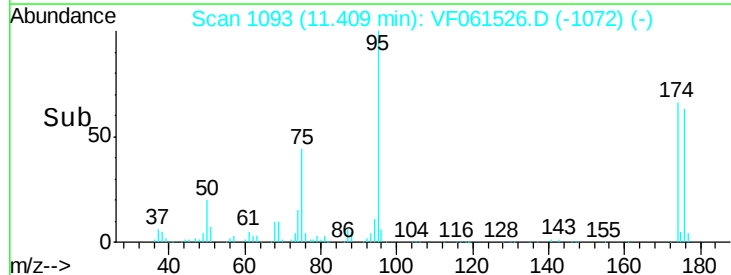
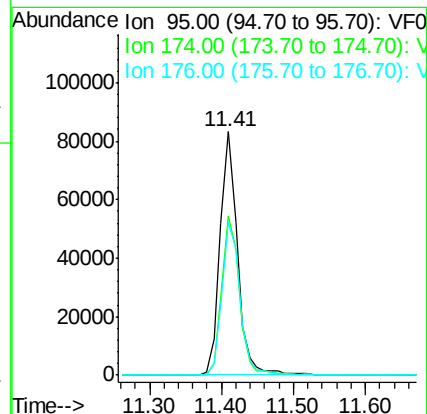
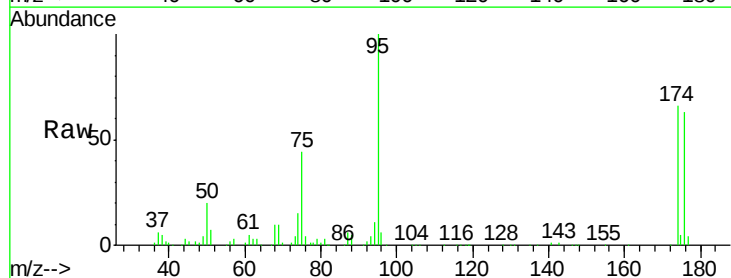
Tgt Ion: 95 Resp: 138110

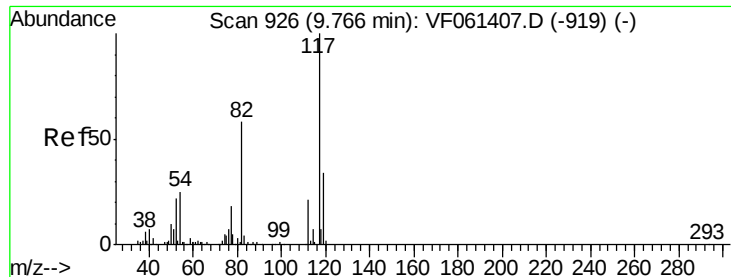
Ion Ratio Lower Upper

95 100

174 65.5 0.0 130.4

176 62.6 0.0 126.2

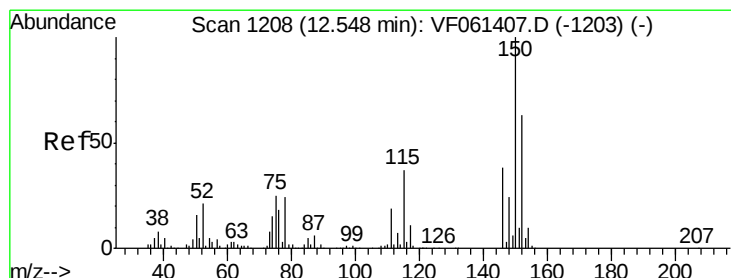
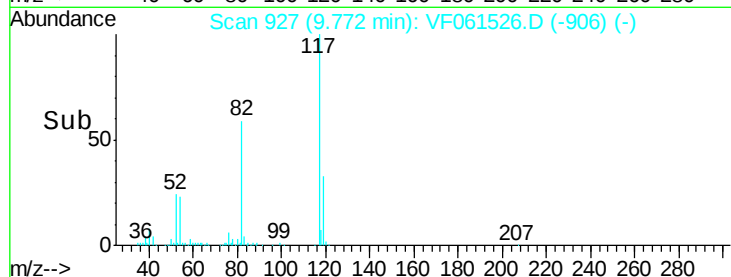
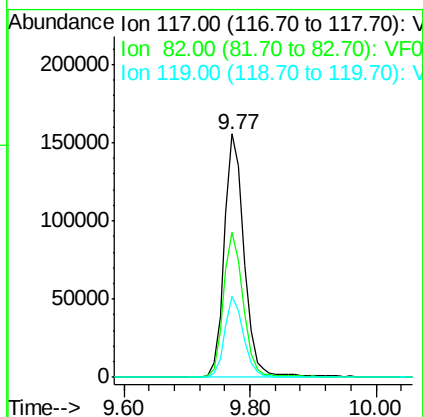
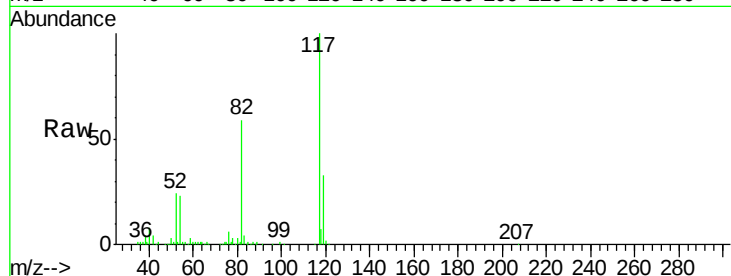




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061526.D
Acq: 25 Jan 2019 17:47

Instrument :
MSVOA_F
ClientSampleId :
S5RE

Tot Ion:117 Resp: 340643
Ion Ratio Lower Upper
117 100
82 59.3 46.4 69.6
119 33.0 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061526.D
Acq: 25 Jan 2019 17:47

Tgt Ion:152 Resp: 170659
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 155.1 0.0 321.4

