

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061528.D
 Acq On : 25 Jan 2019 18:45
 Operator : VA/AP
 Sample : K1015-13
 Misc : 9.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-012419-A

Quant Time: Jan 28 01:16:48 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

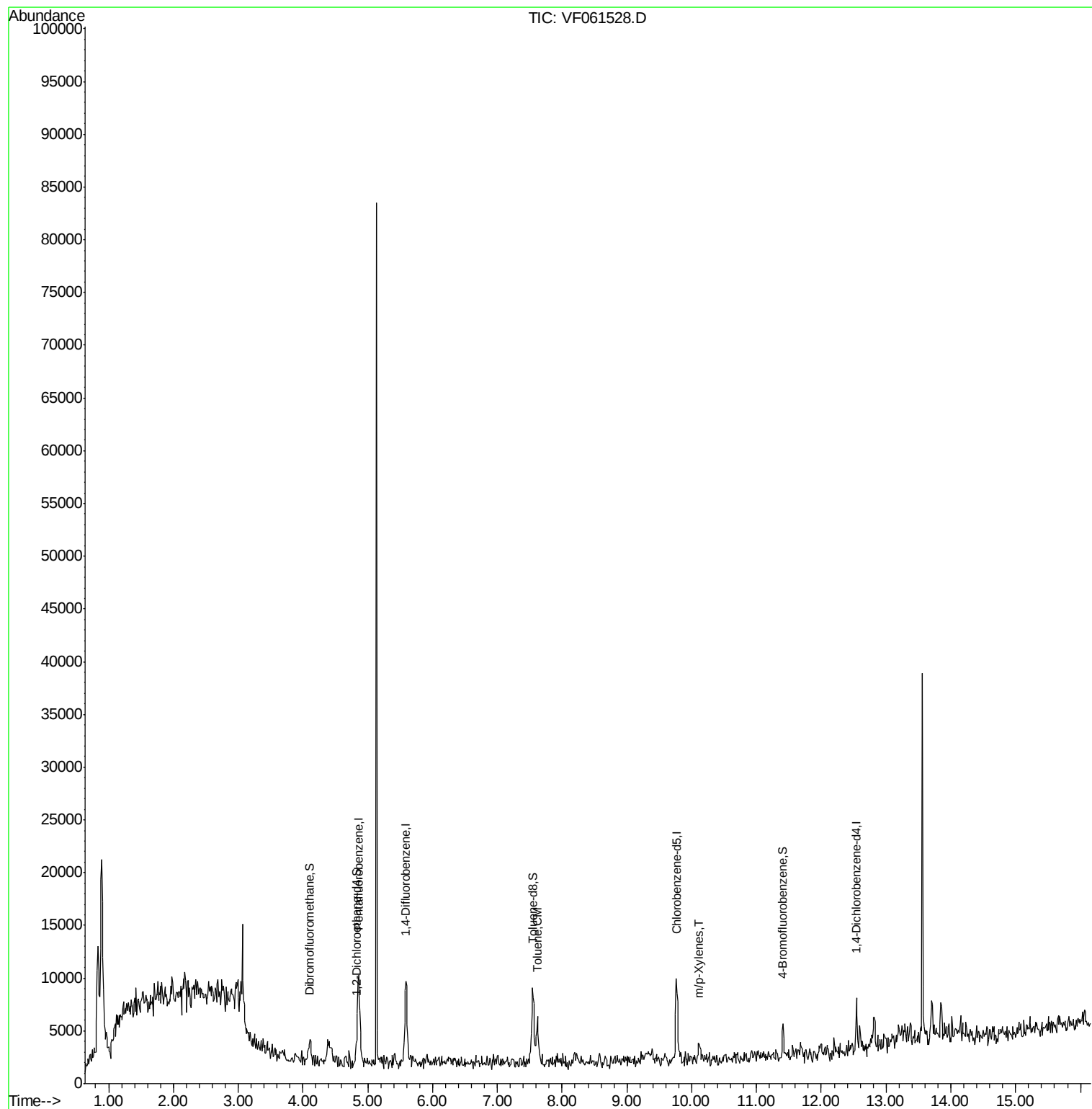
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	7114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	9277	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	5572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	1022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	1106	12.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	25.18%	
35) Dibromofluoromethane	4.12	113	1910	26.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	52.18%	
50) Toluene-d8	7.54	98	7524	37.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.02%	
62) 4-Bromofluorobenzene	11.41	95	1674	17.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.72%	
Target Compounds						
52) Toluene	7.62	92	2246	14.250	ug/l	87
68) m/p-Xylenes	10.12	106	674	9.052	ug/l #	50

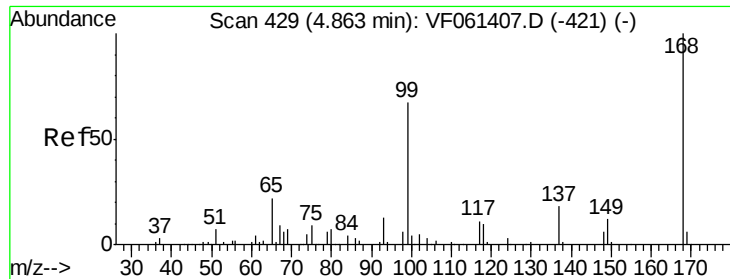
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

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ClientSampleId :

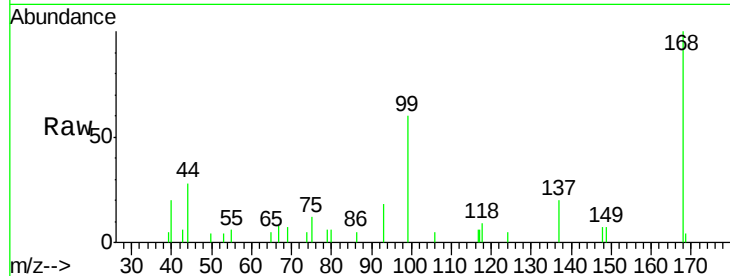
SU-04-012419-A

Tot Ion:168 Resp: 7114

Ion Ratio Lower Upper

168 100

99 59.8 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

2500

2000

1500

1000

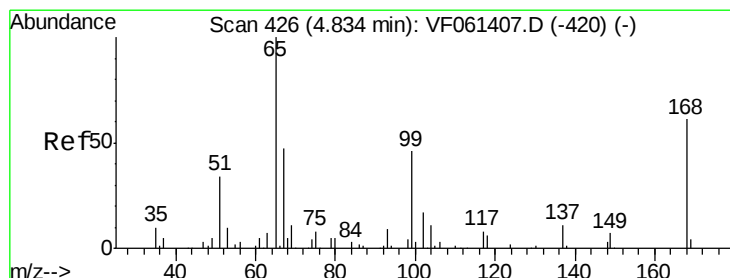
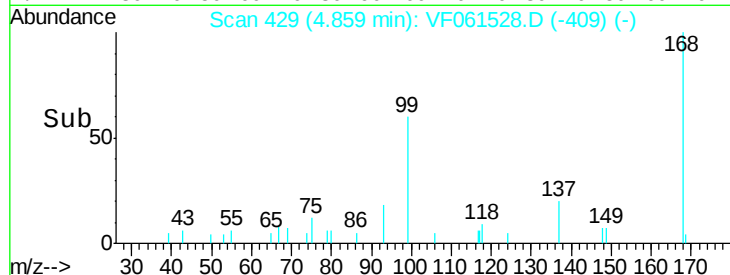
500

0

4.80

4.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 12.592 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061528.D

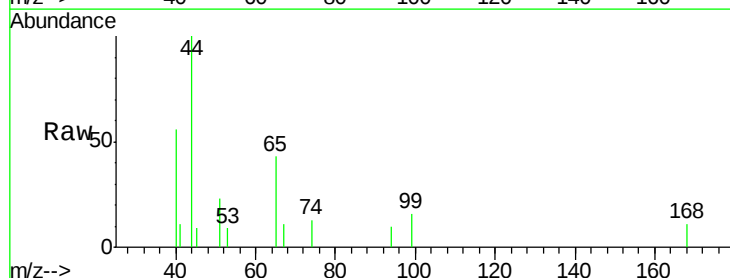
Acq: 25 Jan 2019 18:45

Tgt Ion: 65 Resp: 1106

Ion Ratio Lower Upper

65 100

67 24.8 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

600

500

400

300

200

100

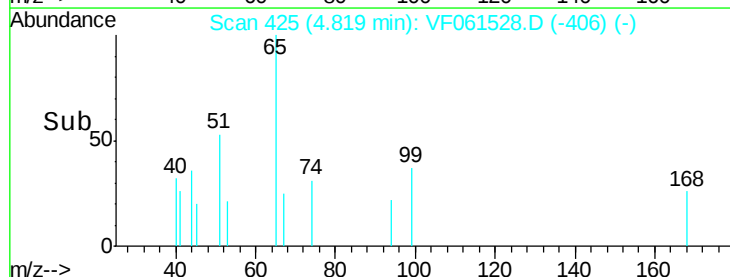
0

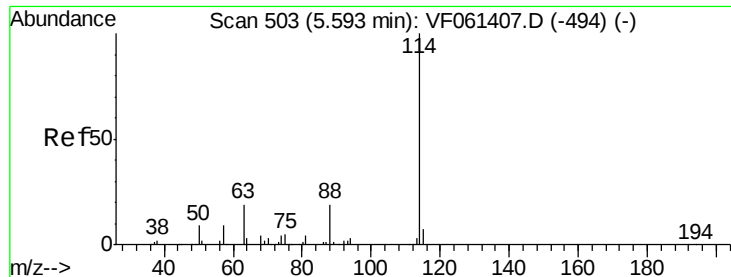
4.80

4.85

4.90

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

SU-04-012419-A

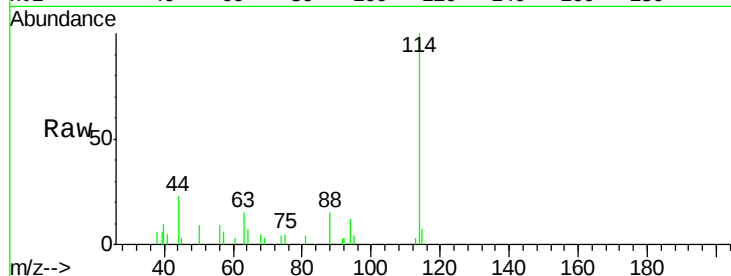
Tot Ion:114 Resp: 9277

Ion Ratio Lower Upper

114 100

63 15.3 0.0 39.0

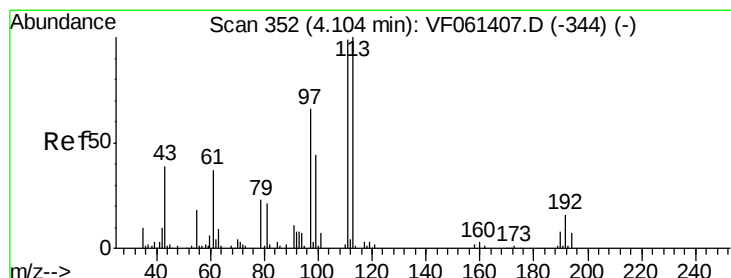
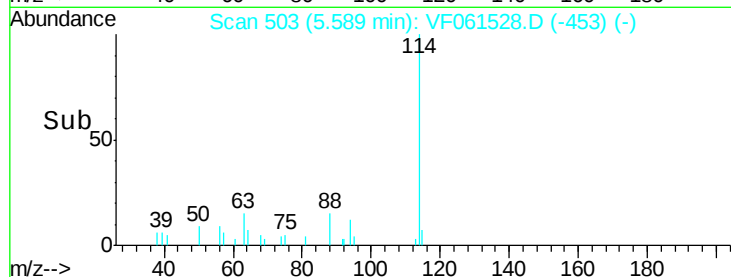
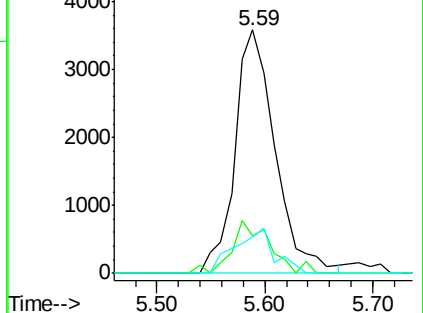
88 15.0 0.0 37.4



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



#35

Dibromofluoromethane

Concen: 26.092 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.02 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

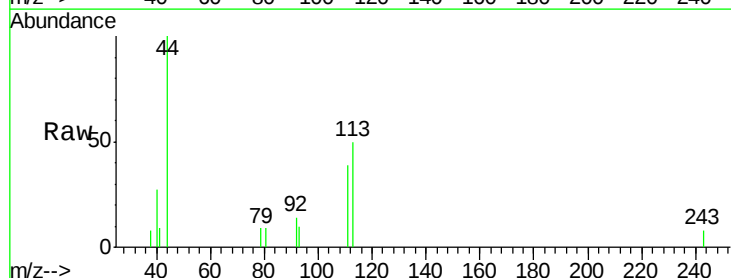
Tgt Ion:113 Resp: 1910

Ion Ratio Lower Upper

113 100

111 78.2 79.4 119.0#

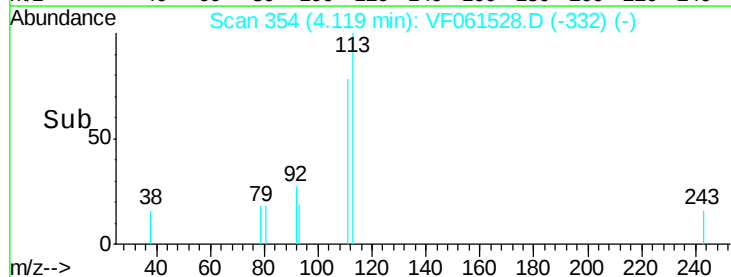
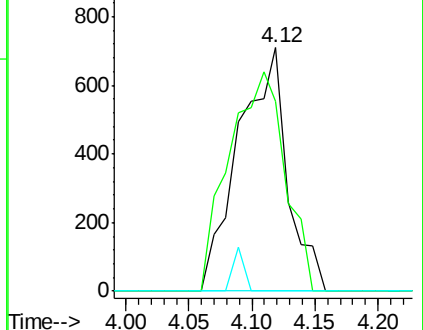
192 0.0 12.4 18.6#

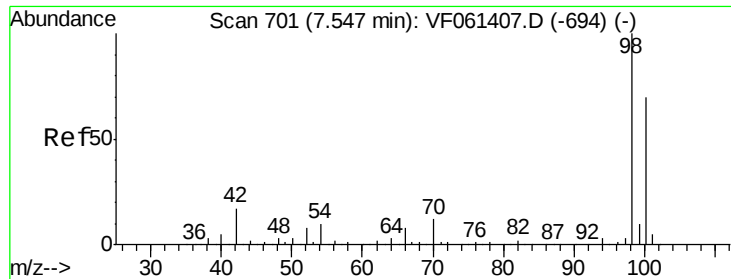


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.514 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

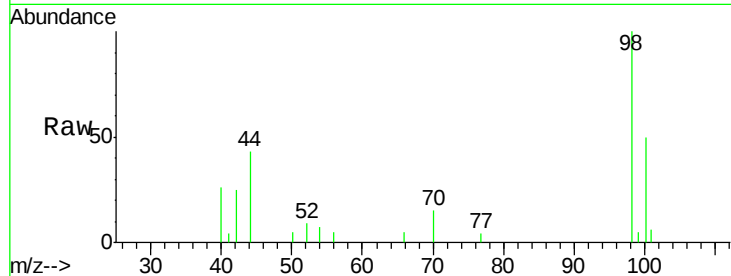
SU-04-012419-A

Tot Ion: 98 Resp: 7524

Ion Ratio Lower Upper

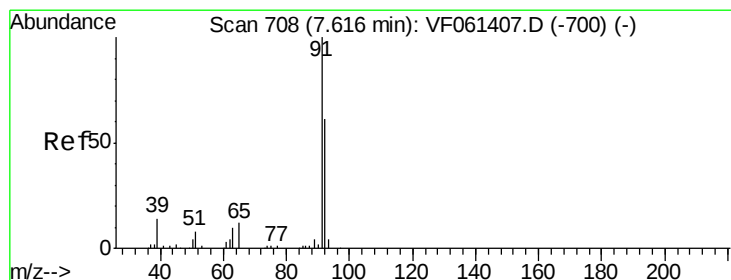
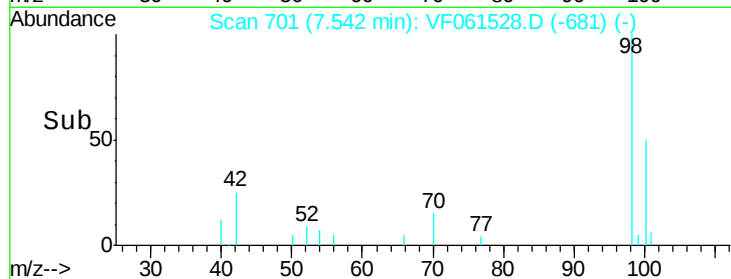
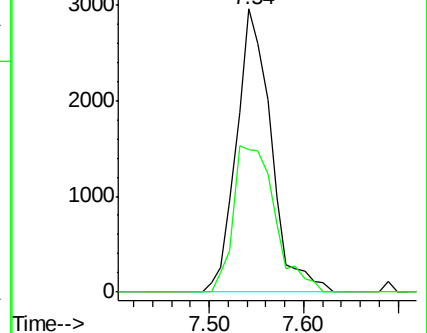
98 100

100 50.3 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: 14.250 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.01 min

Lab File: VF061528.D

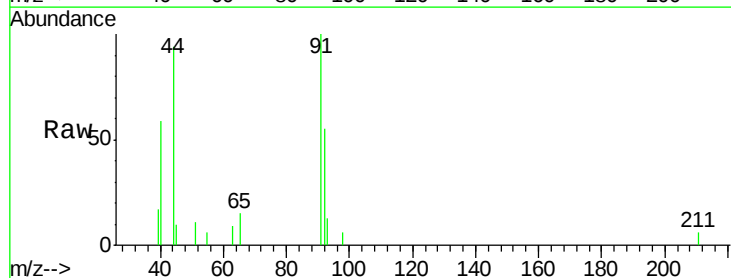
Acq: 25 Jan 2019 18:45

Tgt Ion: 92 Resp: 2246

Ion Ratio Lower Upper

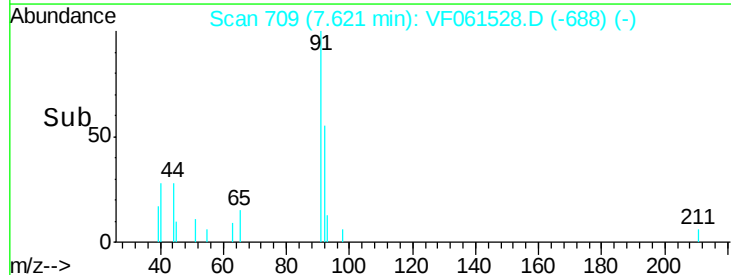
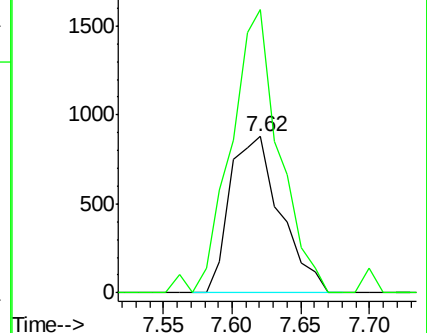
92 100

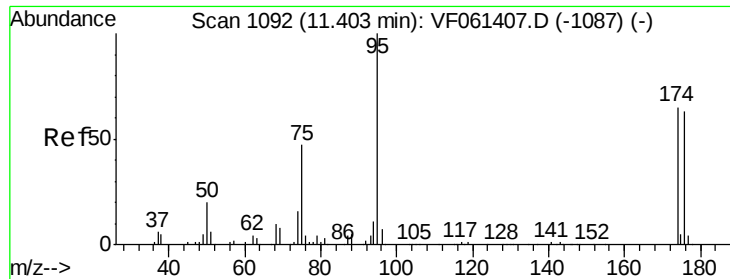
91 181.4 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

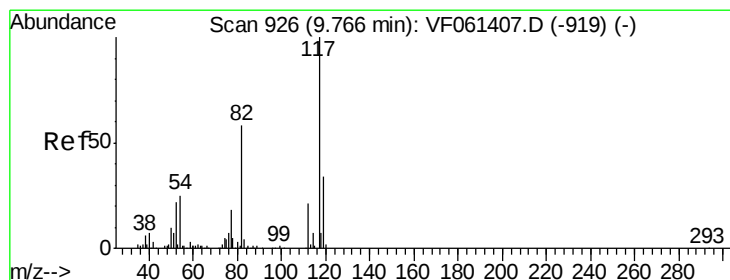
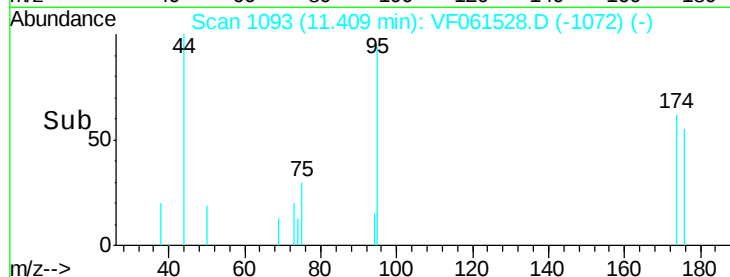
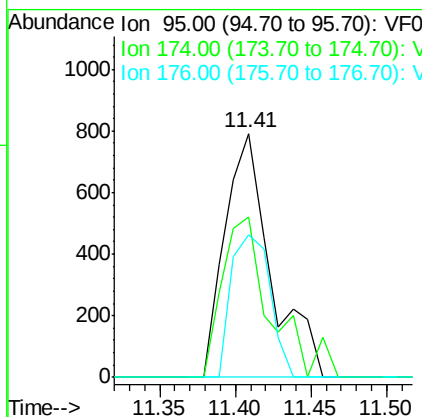
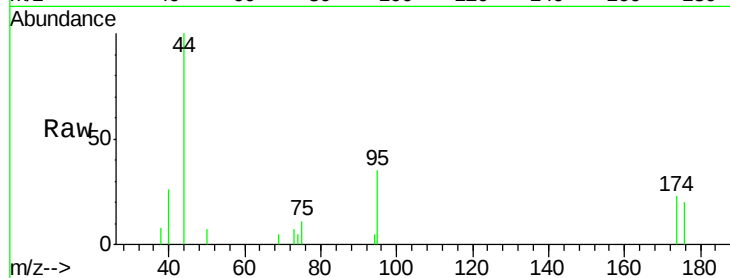




#62
4-Bromofluorobenzene
Concen: 17.864 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

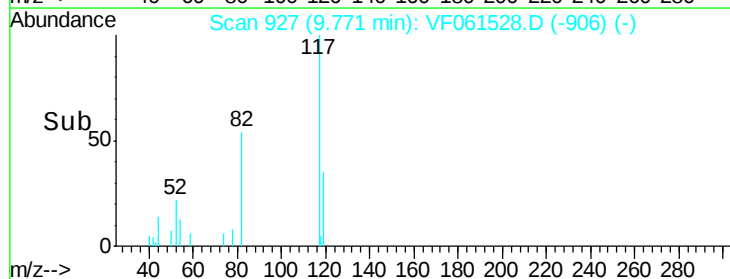
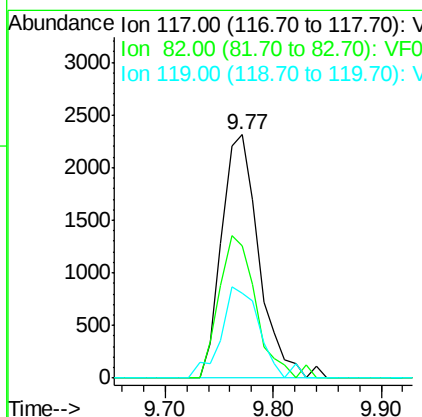
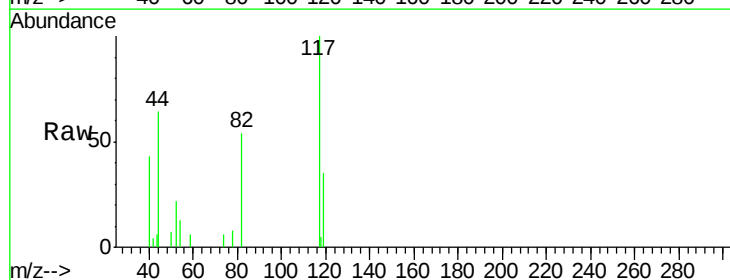
Instrument :
MSVOA_F
ClientSampleId :
SU-04-012419-A

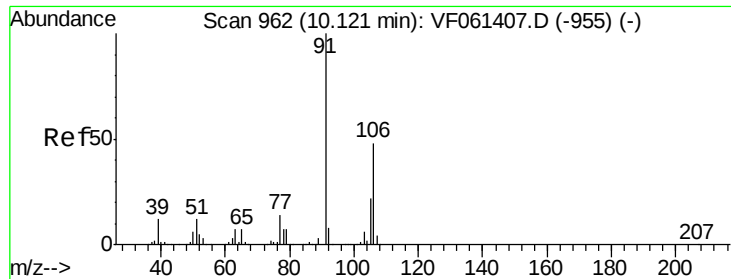
Tot Ion: 95 Resp: 1674
Ion Ratio Lower Upper
95 100
174 65.7 0.0 130.4
176 58.4 0.0 126.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion: 117 Resp: 5572
Ion Ratio Lower Upper
117 100
82 54.3 46.4 69.6
119 34.9 27.2 40.8

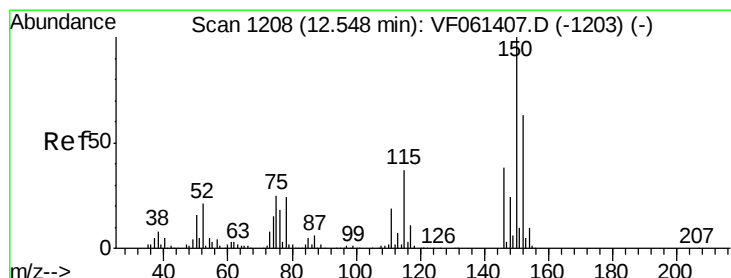
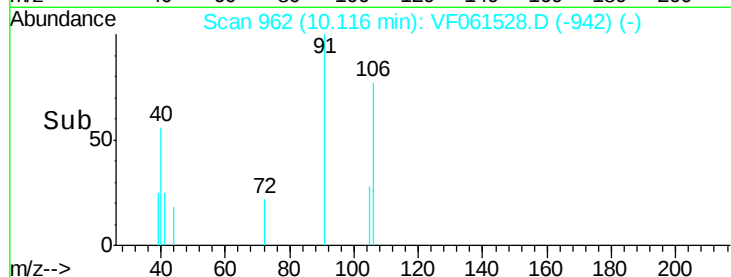
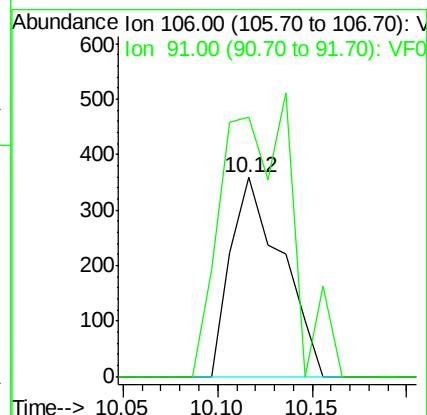
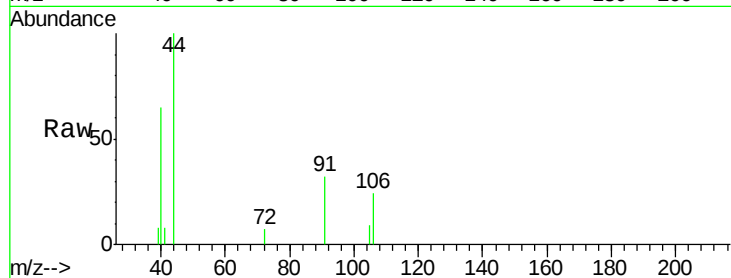




#68
m/p-Xvlenes
Concen: 9.052 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.00 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Instrument :
MSVOA_F
ClientSampleId :
SU-04-012419-A

Tot Ion:106 Resp: 674
Ion Ratio Lower Upper
106 100
91 130.4 166.2 249.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion:152 Resp: 1022
Ion Ratio Lower Upper
152 100
115 54.0 30.0 90.0
150 122.2 0.0 321.4

