

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061643.D
 Acq On : 14 Feb 2019 16:32
 Operator : VA/AP
 Sample : K1490-01
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-214

Quant Time: Feb 15 01:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

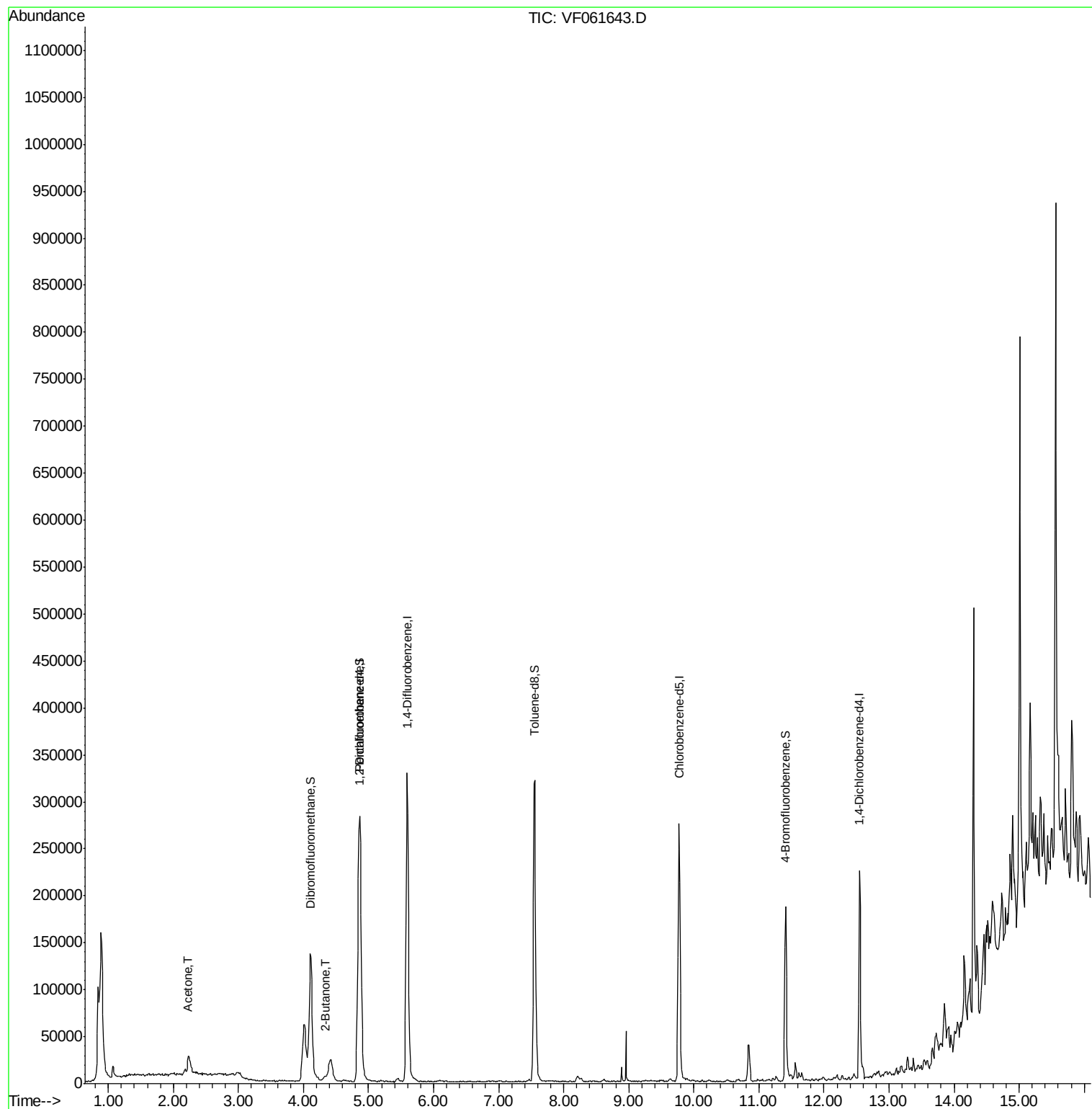
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	287816	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	421847	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	234176	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	64612	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	83714	39.66	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.32%	
35) Dibromofluoromethane	4.10	113	135753	43.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	7.56	98	298838	33.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.36%	
62) 4-Bromofluorobenzene	11.41	95	74263	20.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.76%	
Target Compounds						
16) Acetone	2.23	43	33298	73.532	ug/l	90
25) 2-Butanone	4.33	43	11305	11.429	ug/l	93

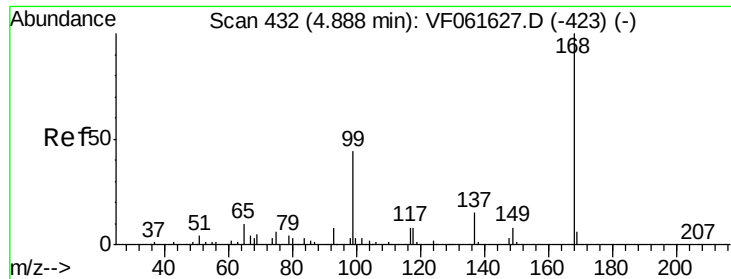
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061643.D

Acq: 14 Feb 2019 16:32

Instrument :

MSVOA_F

ClientSampleId :

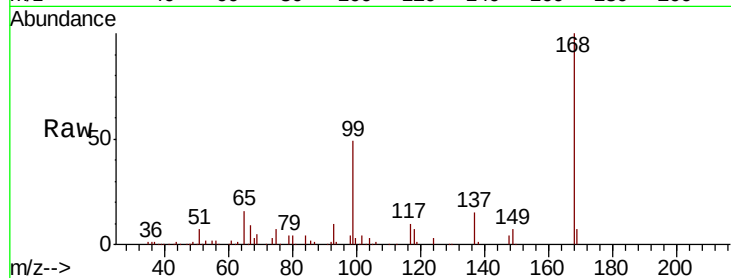
TP-1-214

Tgt Ion:168 Resp: 287816

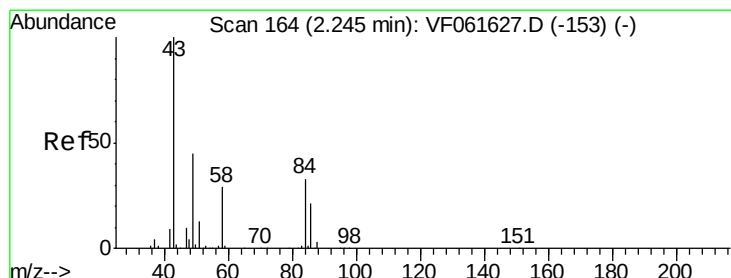
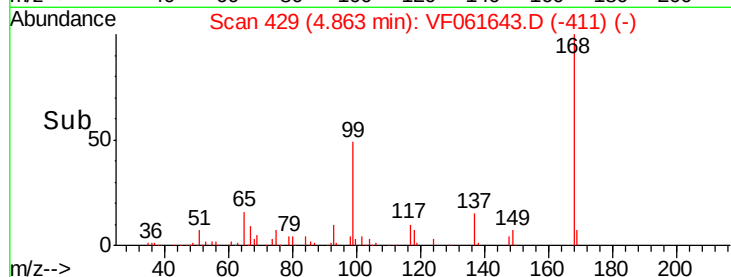
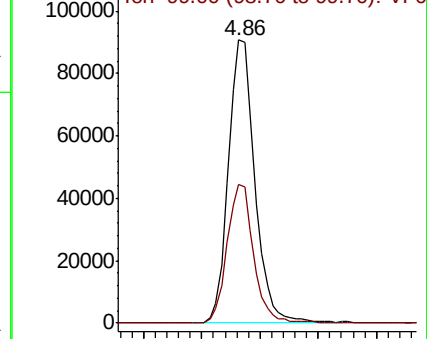
Ion Ratio Lower Upper

168 100

99 49.1 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 73.532 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061643.D

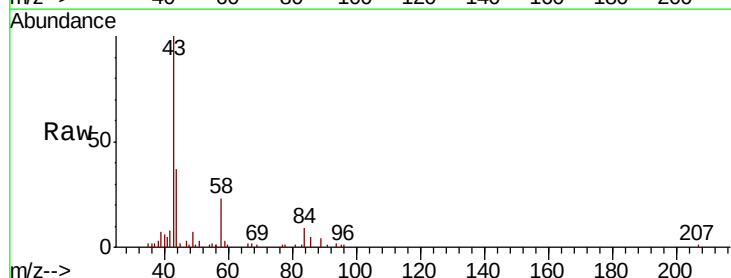
Acq: 14 Feb 2019 16:32

Tgt Ion: 43 Resp: 33298

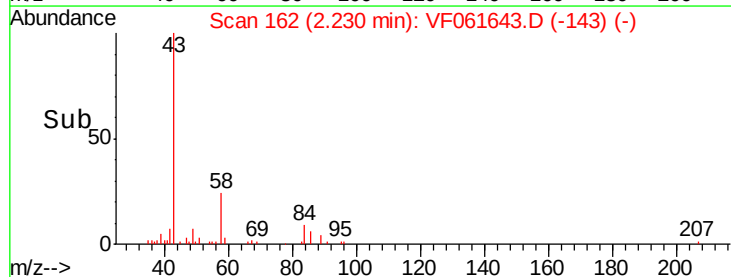
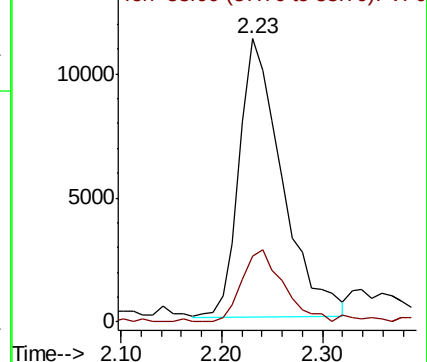
Ion Ratio Lower Upper

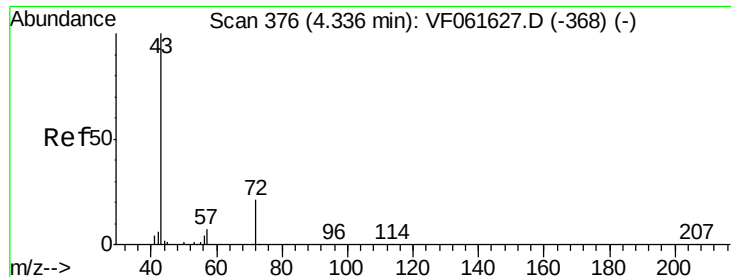
43 100

58 23.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0





#25

2-Butanone

Concen: 11.429 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.00 min

Lab File: VF061643.D

Acq: 14 Feb 2019 16:32

Instrument :

MSVOA_F

ClientSampleId :

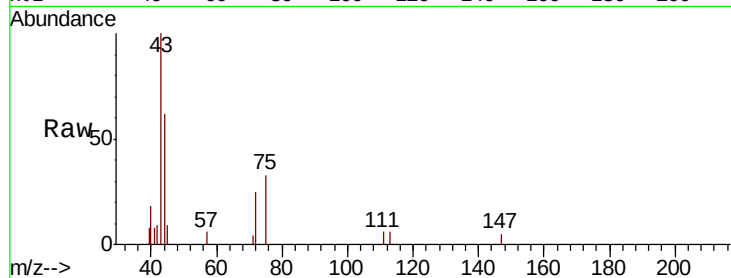
TP-1-214

Tgt Ion: 43 Resp: 11305

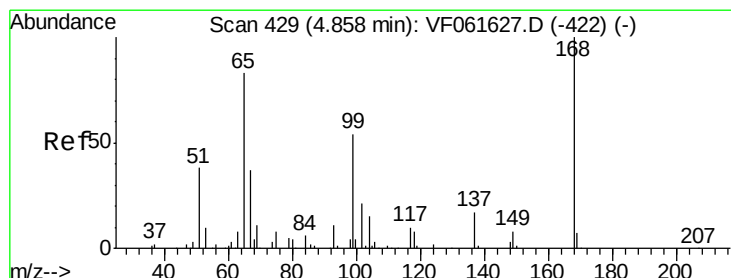
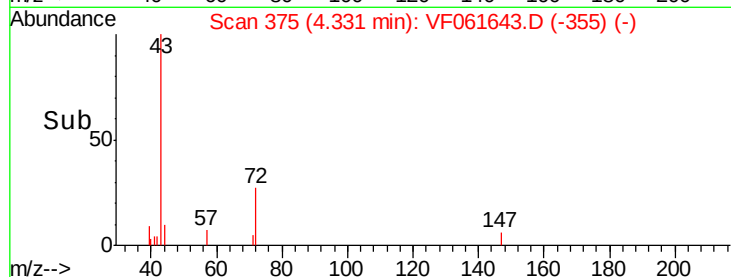
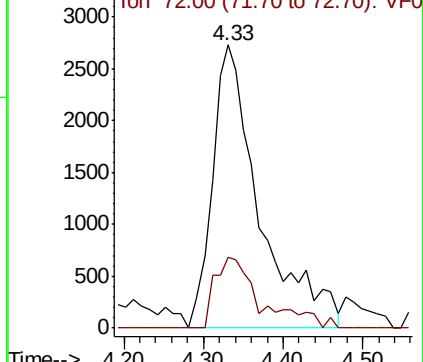
Ion Ratio Lower Upper

43 100

72 24.8 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 39.664 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061643.D

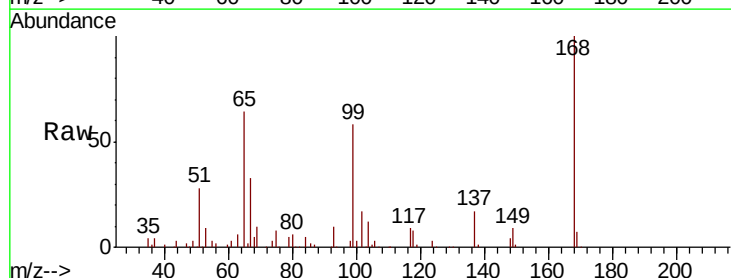
Acq: 14 Feb 2019 16:32

Tgt Ion: 65 Resp: 83714

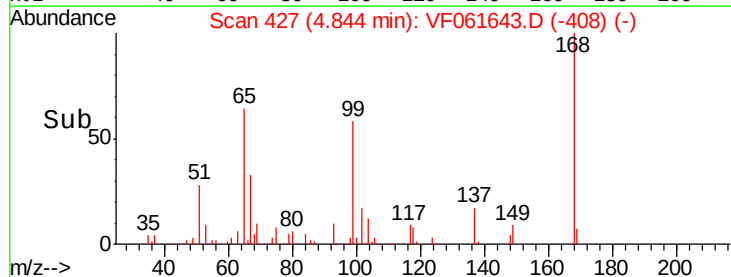
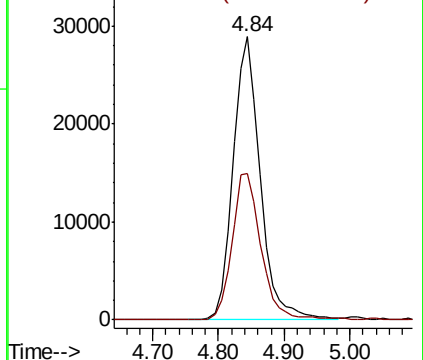
Ion Ratio Lower Upper

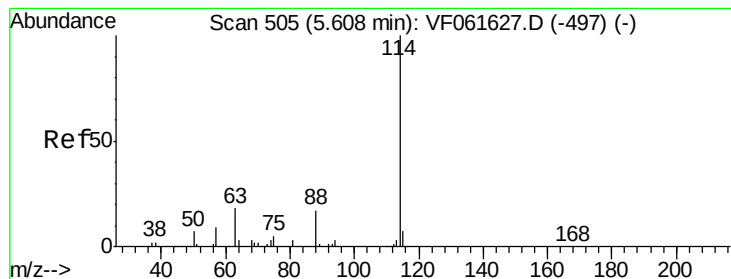
65 100

67 51.6 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061643.D

Acq: 14 Feb 2019 16:32

Instrument :

MSVOA_F

ClientSampleId :

TP-1-214

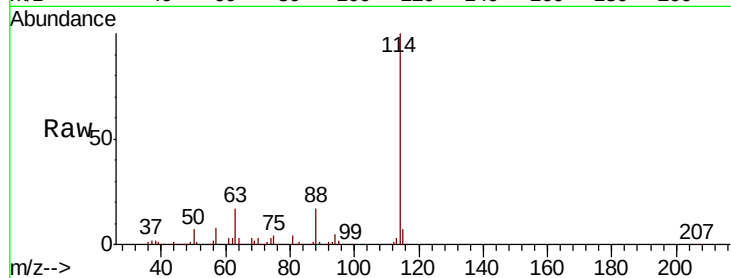
Tgt Ion:114 Resp: 421847

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

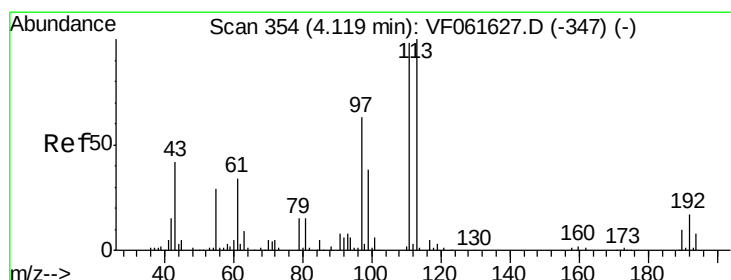
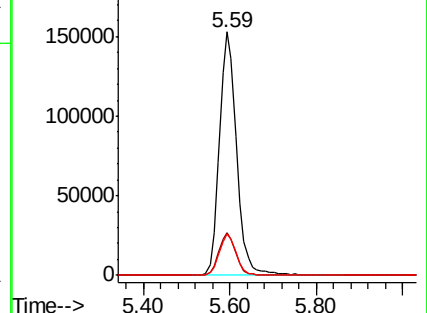
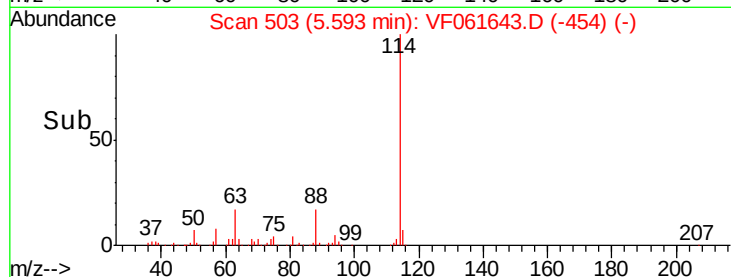
88 16.8 0.0 34.4



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: 43.335 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061643.D

Acq: 14 Feb 2019 16:32

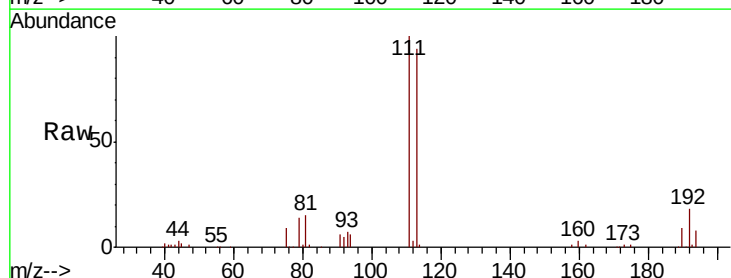
Tgt Ion:113 Resp: 135753

Ion Ratio Lower Upper

113 100

111 106.0 78.8 118.2

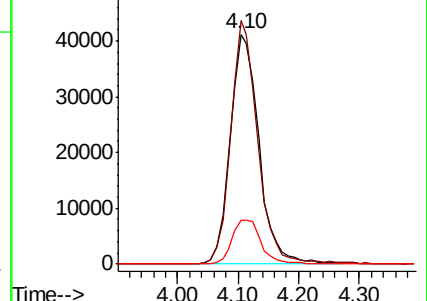
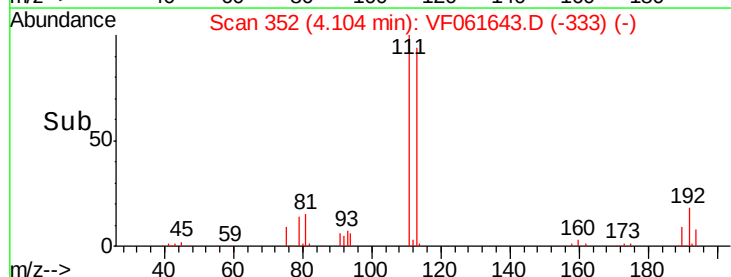
192 19.2 13.4 20.0

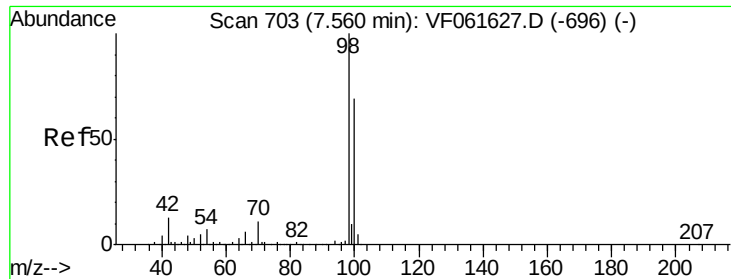


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

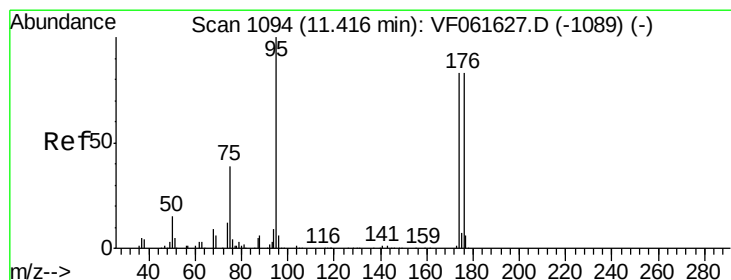
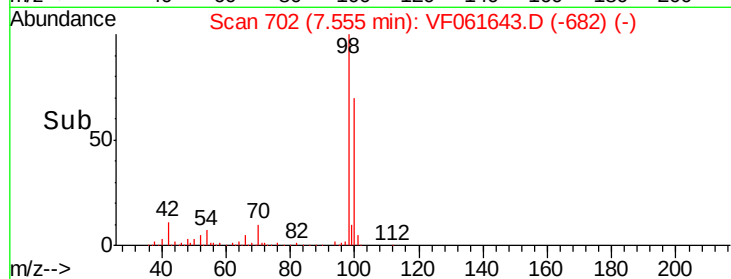
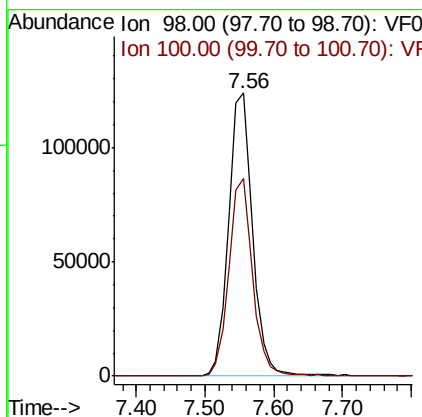
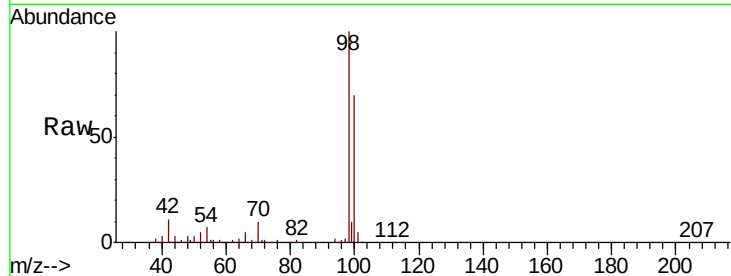




#50
Toluene-d8
Concen: 33.184 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061643.D
Acq: 14 Feb 2019 16:32

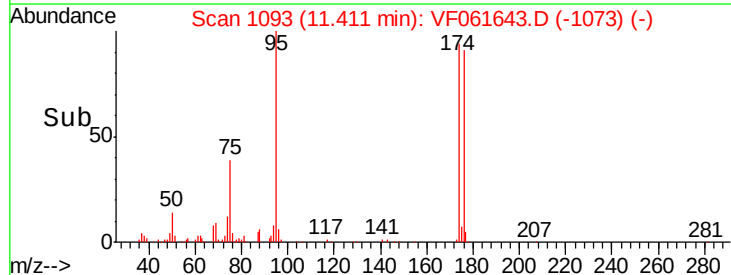
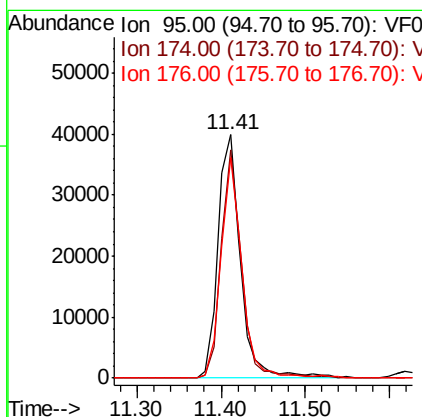
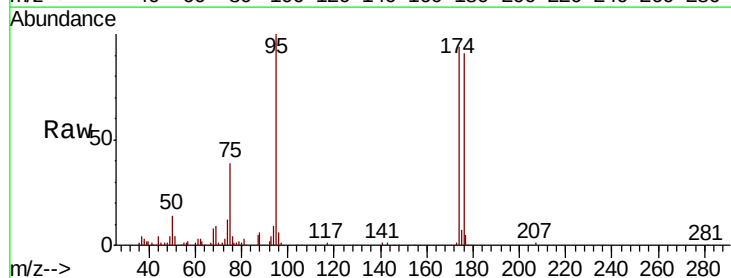
Instrument :
MSVOA_F
ClientSampled :
TP-1-214

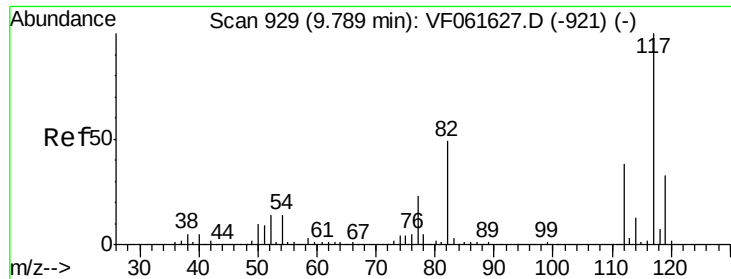
Tgt Ion: 98 Resp: 298838
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.2



#62
4-Bromofluorobenzene
Concen: 20.381 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061643.D
Acq: 14 Feb 2019 16:32

Tgt Ion: 95 Resp: 74263
Ion Ratio Lower Upper
95 100
174 93.7 0.0 165.8
176 90.5 0.0 167.0

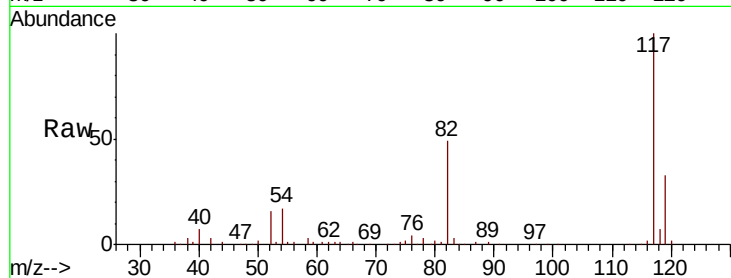




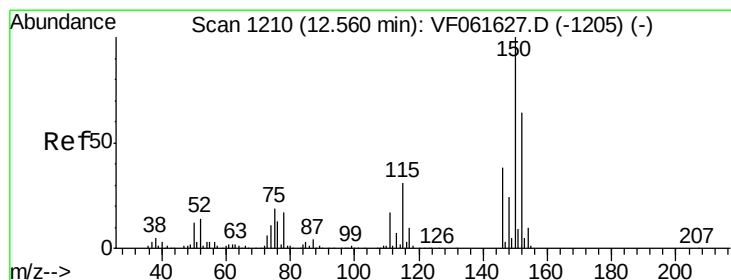
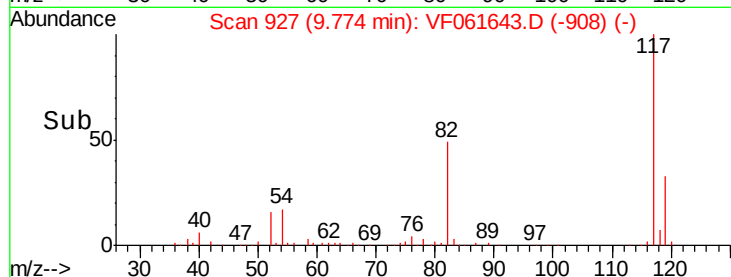
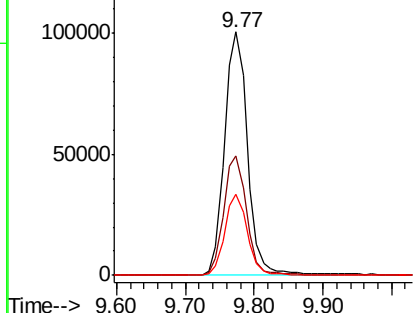
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061643.D
Acq: 14 Feb 2019 16:32

Instrument :
MSVOA_F
ClientSampled :
TP-1-214

Tgt Ion:117 Resp: 234176
Ion Ratio Lower Upper
117 100
82 49.0 39.3 58.9
119 33.0 26.6 40.0

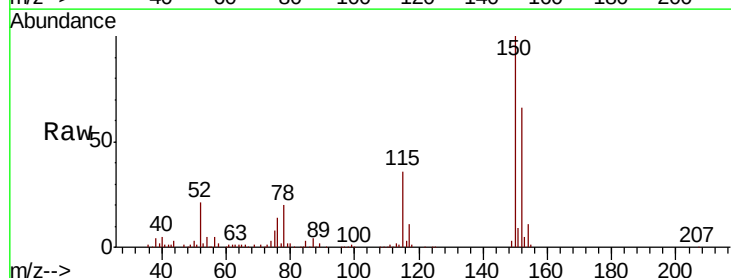


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061643.D
Acq: 14 Feb 2019 16:32

Tgt Ion:152 Resp: 64612
Ion Ratio Lower Upper
152 100
115 53.6 24.3 72.8
150 150.5 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

