

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061766.D
 Acq On : 27 Feb 2019 15:09
 Operator : VA/AP
 Sample : K1633-03
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-11-S

Quant Time: Feb 28 00:51:14 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

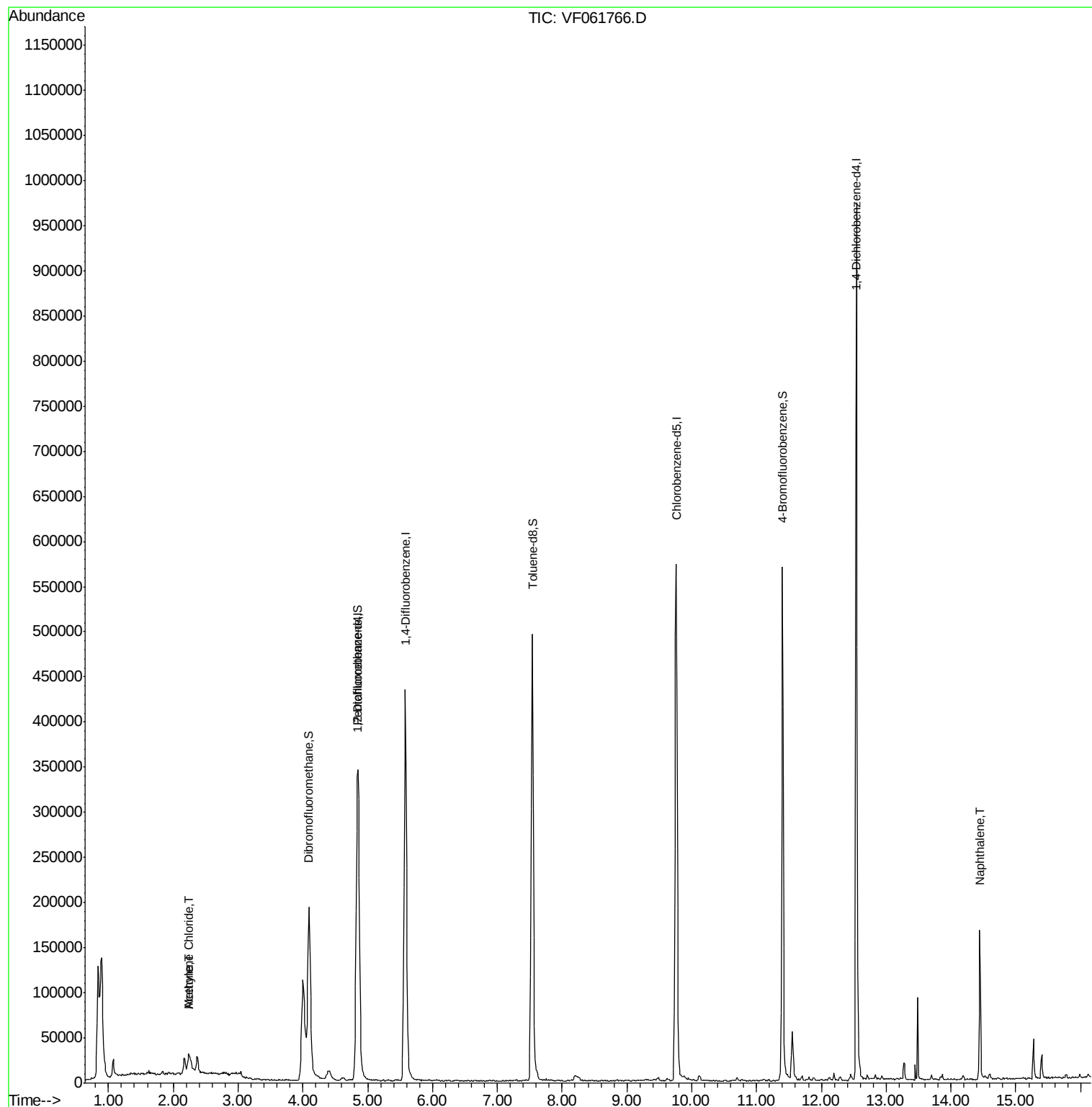
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	351695	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	540302	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	462814	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	278401	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	114892	44.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.10%	
35) Dibromofluoromethane	4.09	113	185187	46.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.30%	
50) Toluene-d8	7.54	98	462378	40.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.18%	
62) 4-Bromofluorobenzene	11.40	95	208969	44.78	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.24	43	11367	20.542	ug/l	# 77
20) Methylene Chloride	2.25	84	25456m	6.387	ug/l	
95) Naphthalene	14.44	128	124347	10.920	ug/l	97

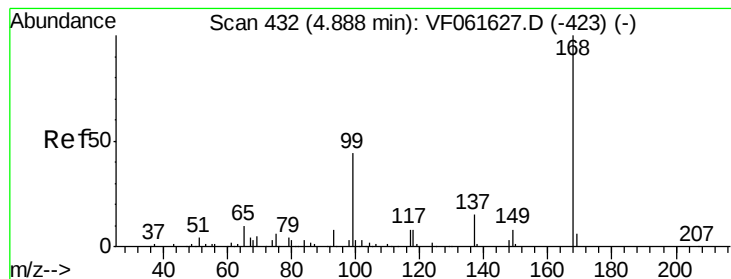
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

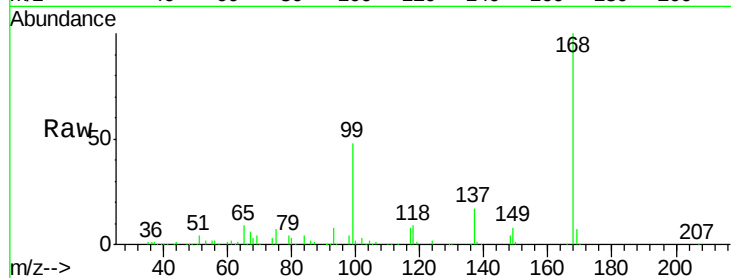
SR-11-S

Tot Ion:168 Resp: 351695

Ion Ratio Lower Upper

168 100

99 47.7 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

120000

100000

80000

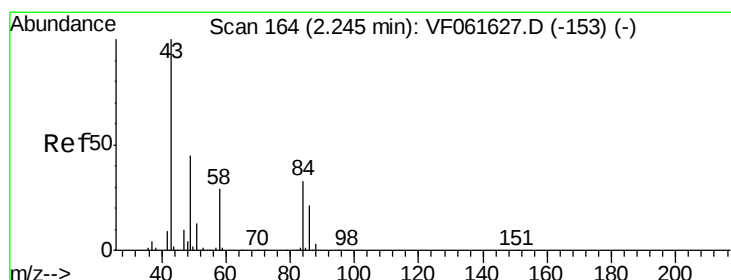
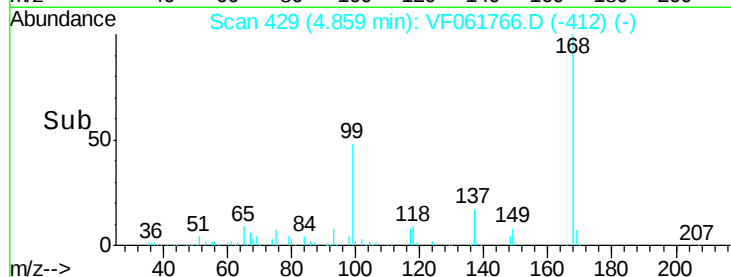
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 20.542 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061766.D

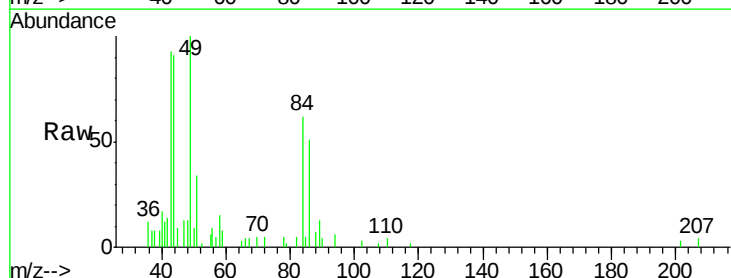
Acq: 27 Feb 2019 15:09

Tgt Ion: 43 Resp: 11367

Ion Ratio Lower Upper

43 100

58 16.6 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

5000

4000

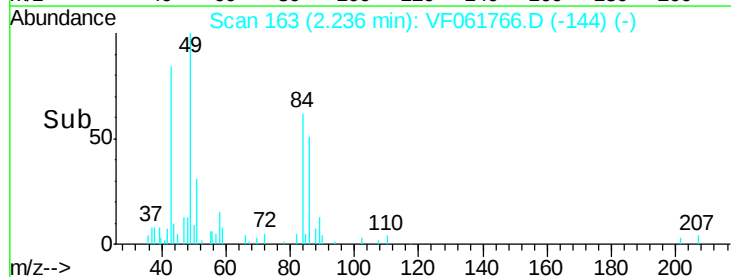
3000

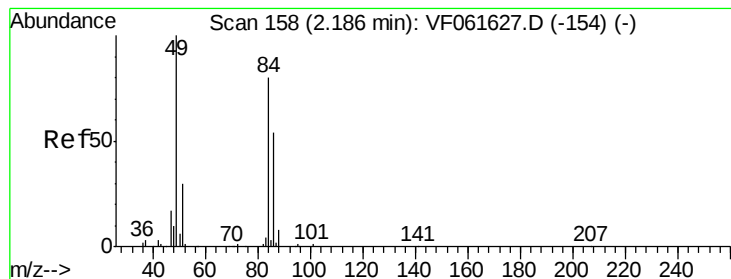
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 6.387 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. 0.06 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

SR-11-S

Tot Ion: 84 Resp: 25456

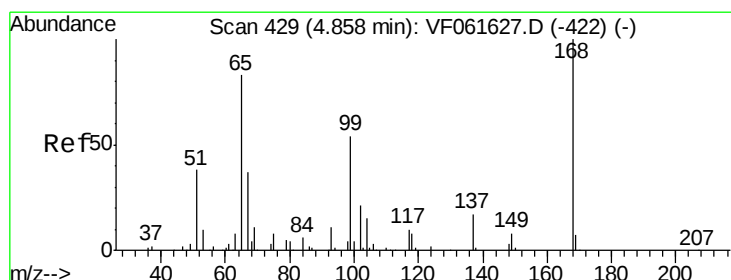
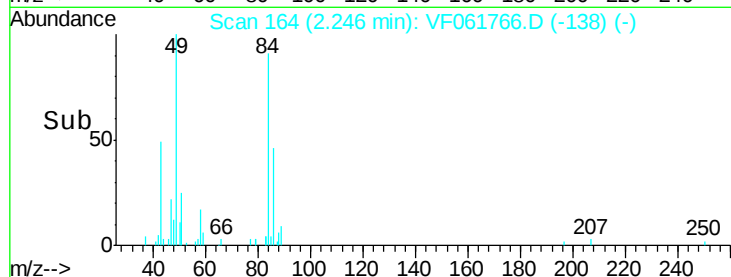
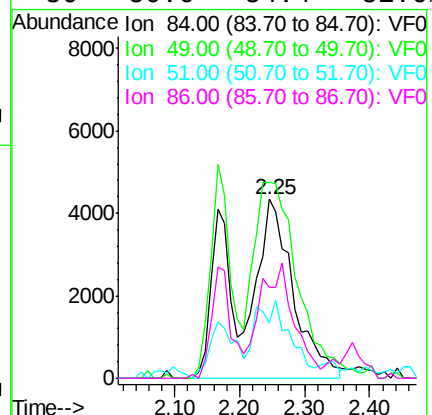
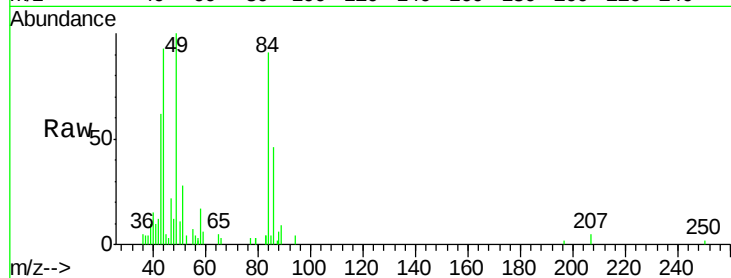
Ion Ratio Lower Upper

84 100

49 109.7 101.8 152.8

51 30.7 31.1 46.7#

86 50.6 54.4 81.6#



#33

1,2-Dichloroethane-d4

Concen: 44.549 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.03 min

Lab File: VF061766.D

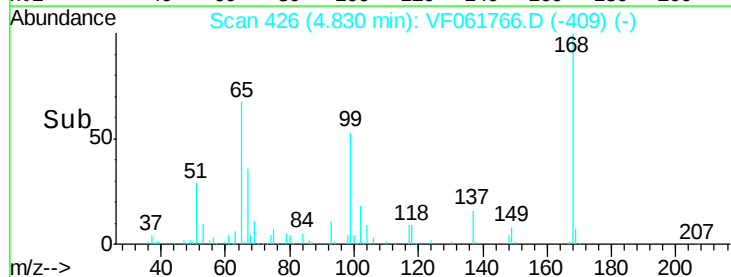
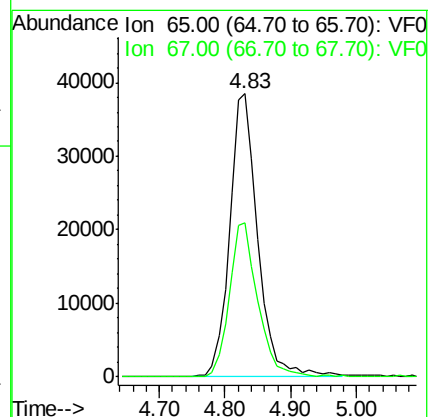
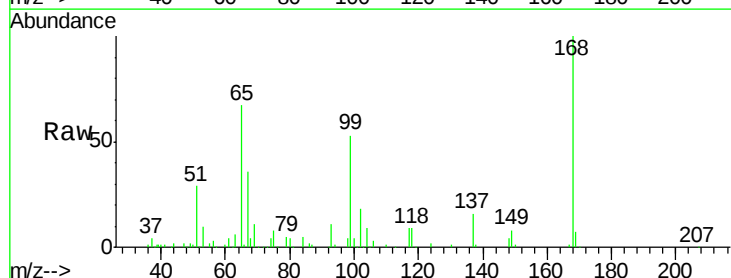
Acq: 27 Feb 2019 15:09

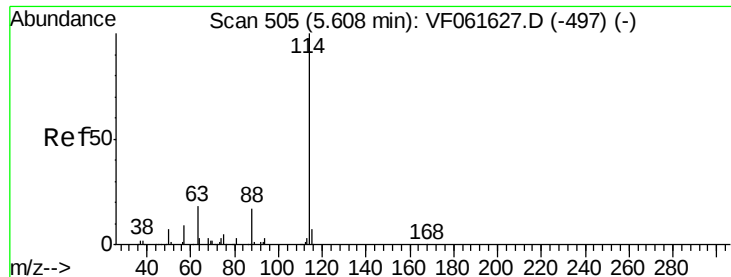
Tgt Ion: 65 Resp: 114892

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

SR-11-S

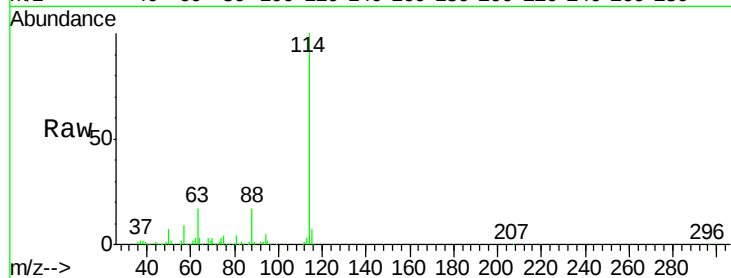
Tot Ion:114 Resp: 540302

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

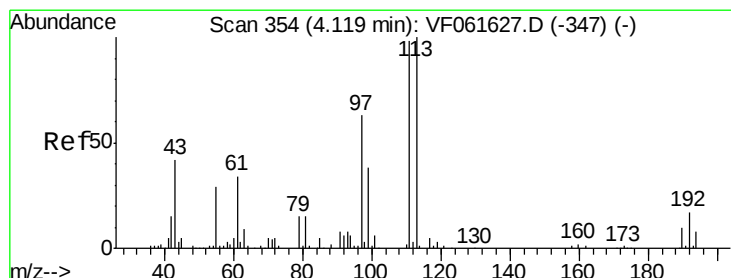
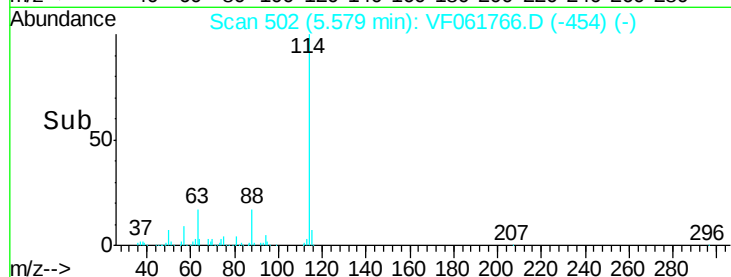
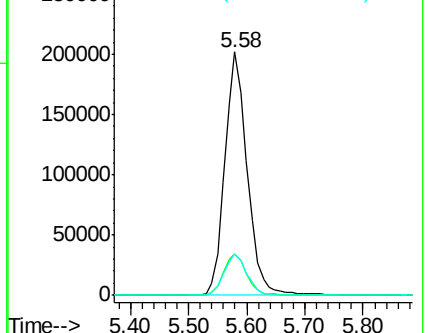
88 17.1 0.0 34.4



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: 46.155 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

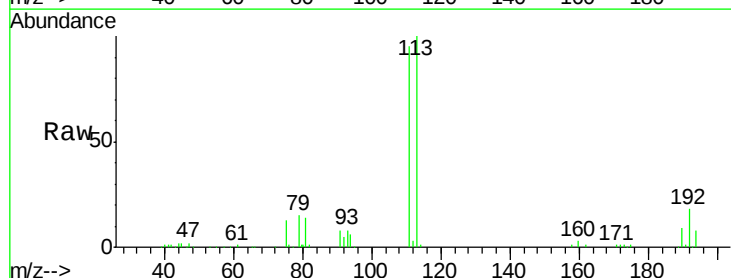
Tgt Ion:113 Resp: 185187

Ion Ratio Lower Upper

113 100

111 95.0 78.8 118.2

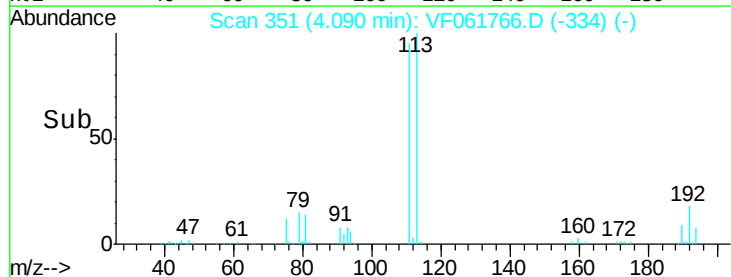
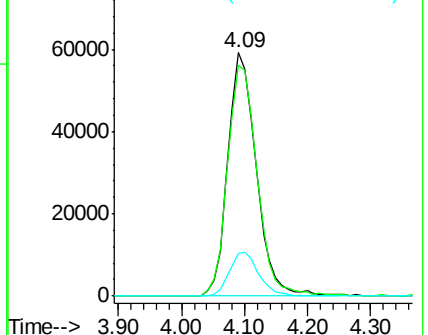
192 18.1 13.4 20.0

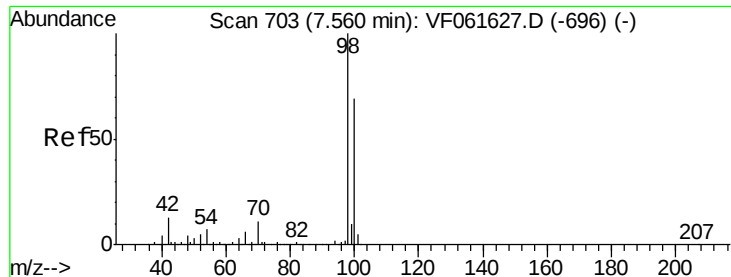


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.087 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

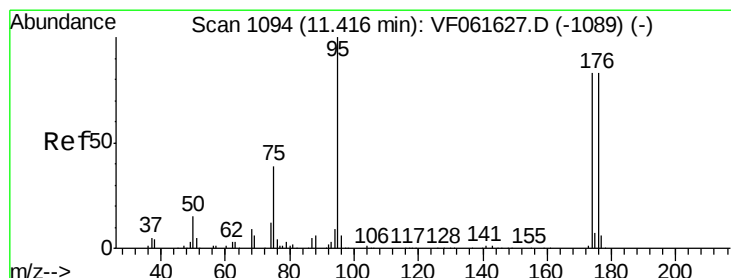
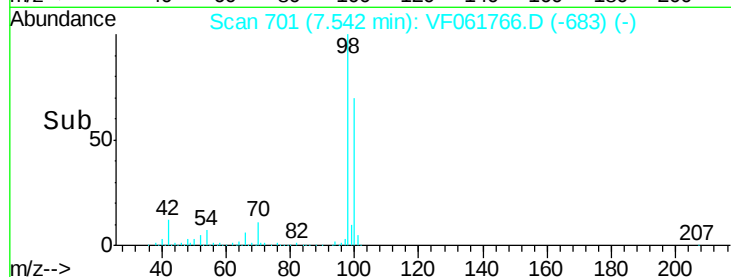
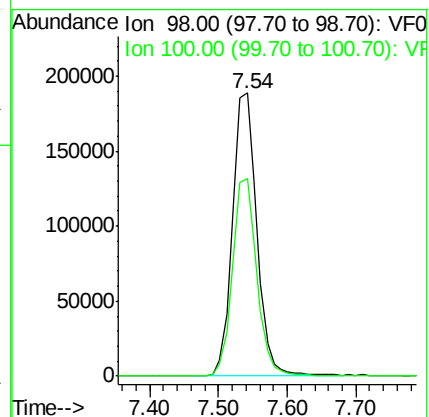
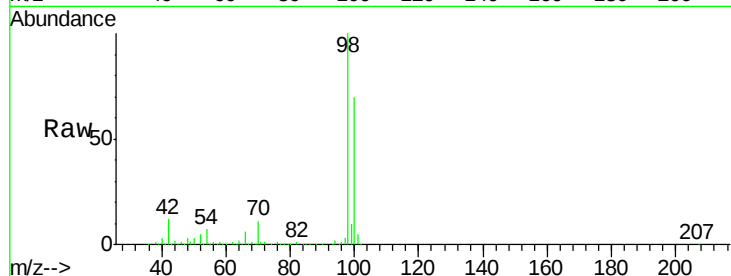
SR-11-S

Tot Ion: 98 Resp: 462378

Ion Ratio Lower Upper

98 100

100 69.6 55.4 83.2



#62

4-Bromofluorobenzene

Concen: 44.776 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

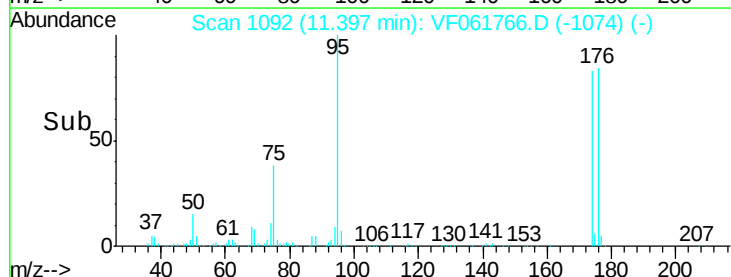
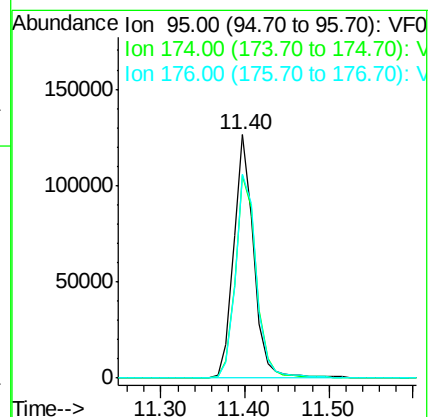
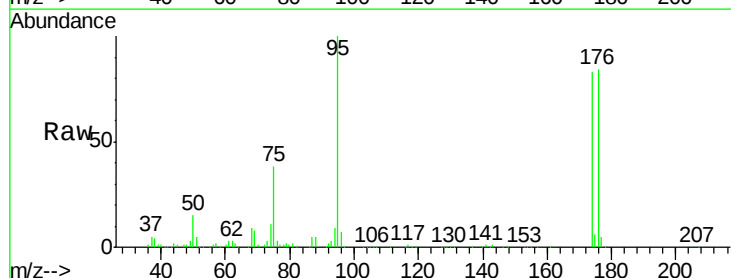
Tgt Ion: 95 Resp: 208969

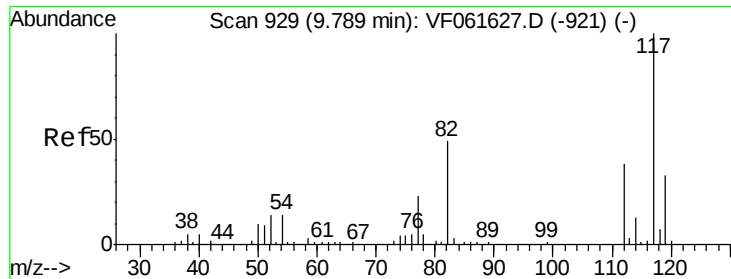
Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.8

176 84.0 0.0 167.0

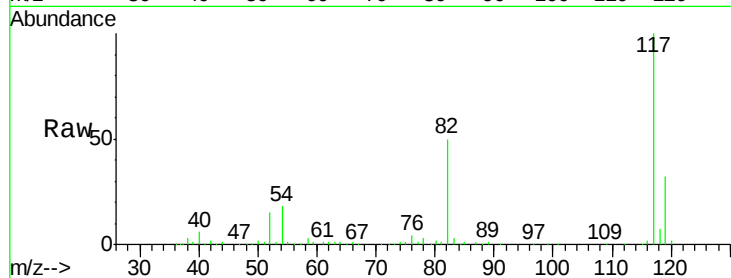




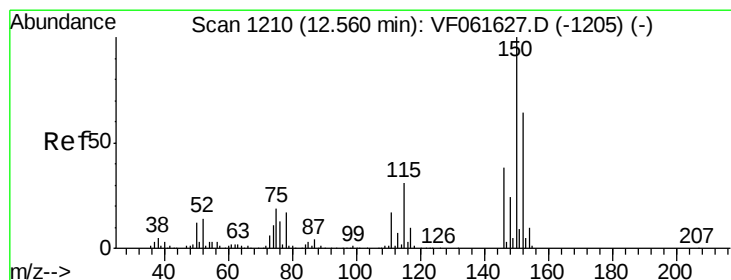
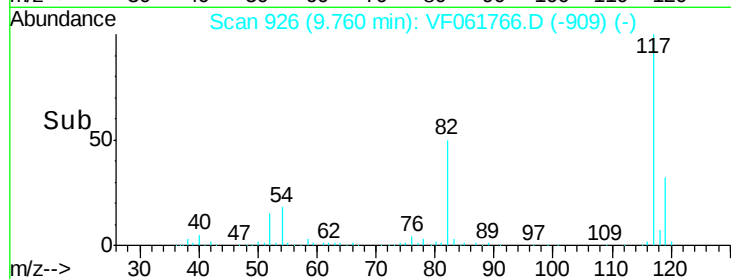
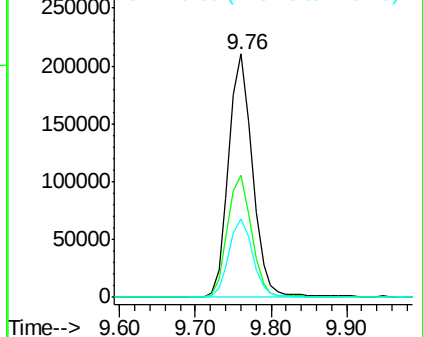
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061766.D
Acq: 27 Feb 2019 15:09

Instrument :
MSVOA_F
ClientSampled :
SR-11-S

Tot Ion:117 Resp: 462814
Ion Ratio Lower Upper
117 100
82 49.9 39.3 58.9
119 32.5 26.6 40.0

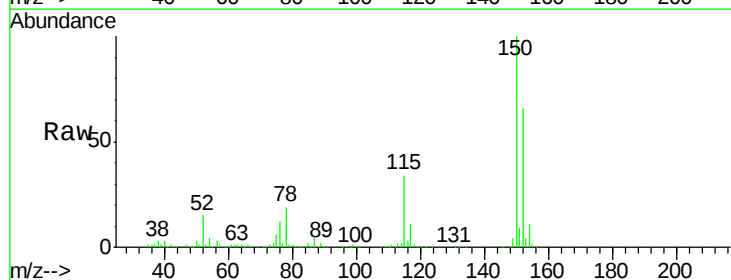


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

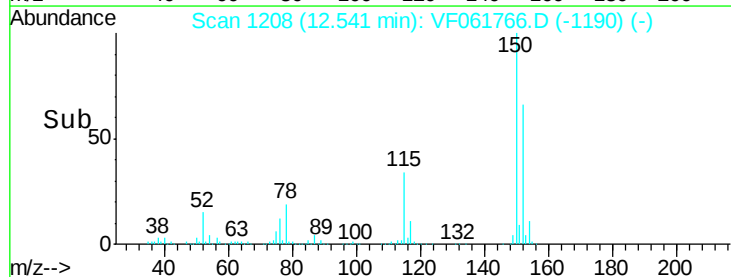
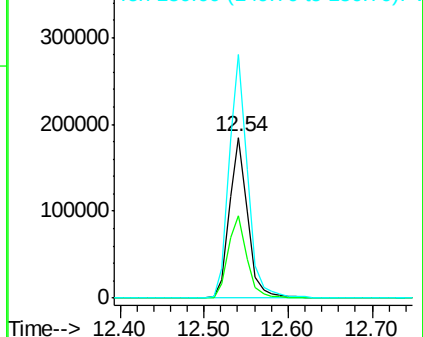


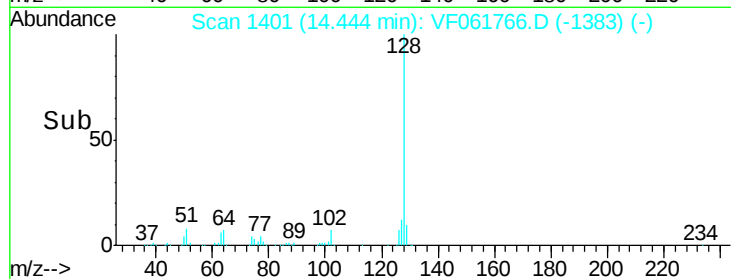
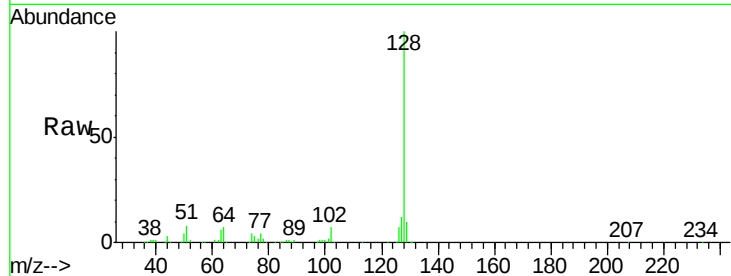
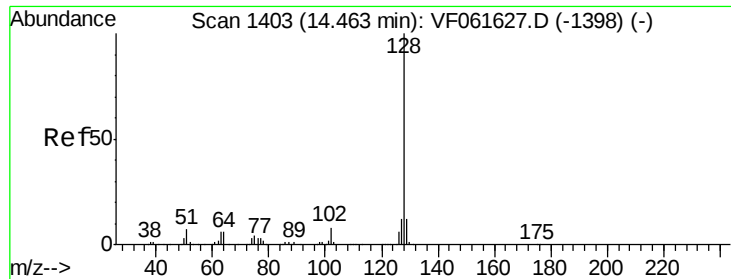
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061766.D
Acq: 27 Feb 2019 15:09

Tgt Ion:152 Resp: 278401
Ion Ratio Lower Upper
152 100
115 51.2 24.3 72.8
150 151.5 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





#95

Naphthalene

Concen: 10.920 ug/l

RT: 14.44 min Scan# 1401

Delta R.T. -0.02 min

Lab File: VF061766.D

Acq: 27 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

SR-11-S

Tot Ion:128 Resp: 124347

Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.8	14.6
129	10.5	9.4	14.2

