

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061485.D
 Acq On : 23 Jan 2019 16:17
 Operator : VA/AP
 Sample : K1223-03
 Misc : 5.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-O

Quant Time: Jan 24 03:24:52 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

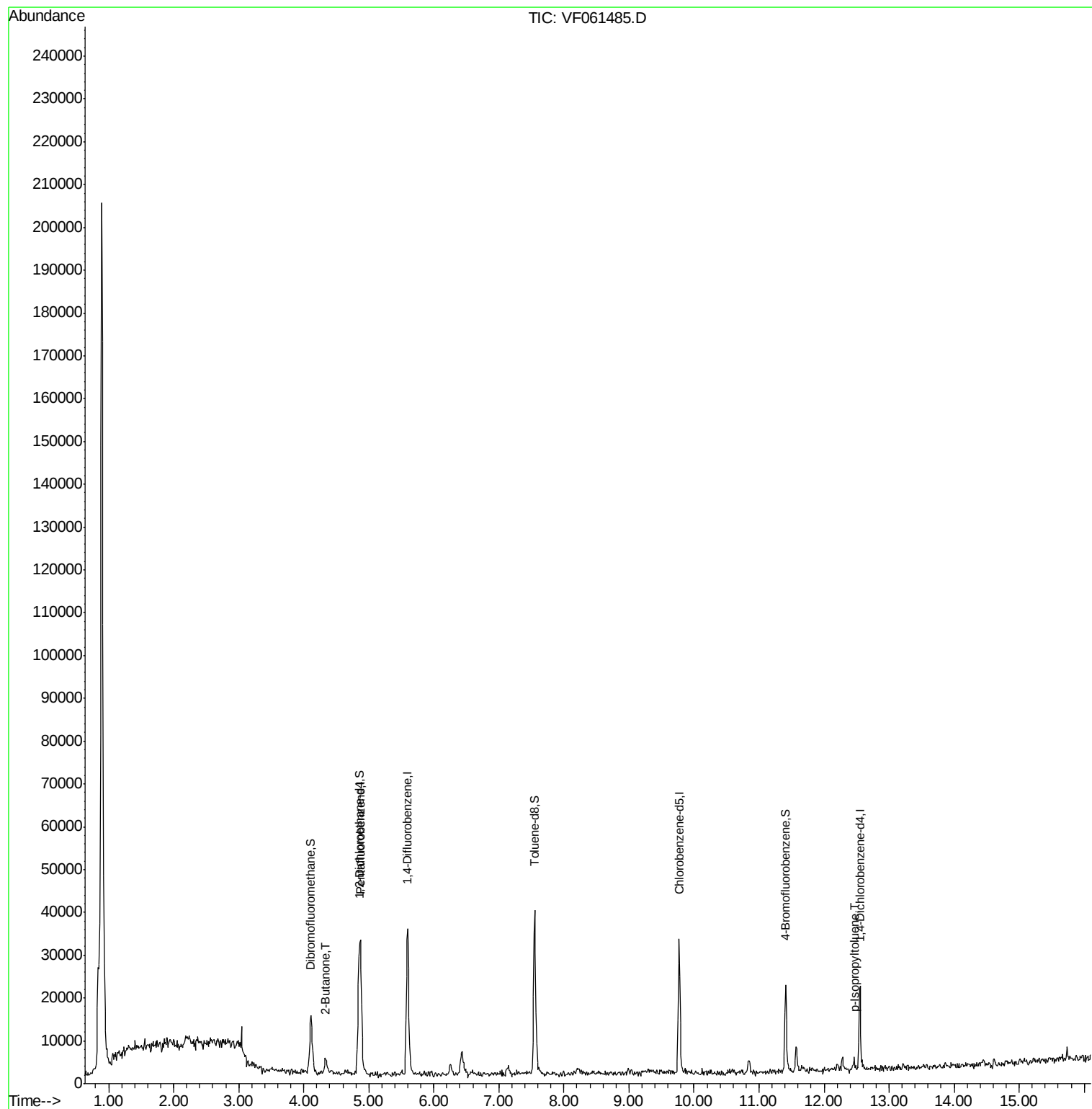
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	27065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	38797	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	22162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	4994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	9369	28.04	ug/l	0.02
Spiked Amount 50.000			Recovery	=	56.08%	
35) Dibromofluoromethane	4.10	113	12541	40.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.92%	
50) Toluene-d8	7.55	98	33401	39.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.64%	
62) 4-Bromofluorobenzene	11.41	95	8219	20.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.94%	
Target Compounds						
25) 2-Butanone	4.35	43	8053	72.240	ug/l	96
86) p-Isopropyltoluene	12.45	119	1617	4.275	ug/l	83

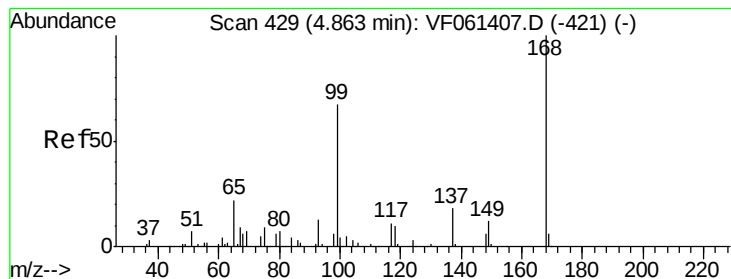
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

Instrument :

MSVOA_F

ClientSampleId :

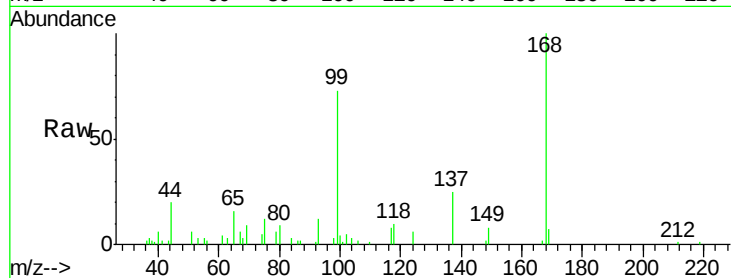
TS-O

Tot Ion:168 Resp: 27065

Ion Ratio Lower Upper

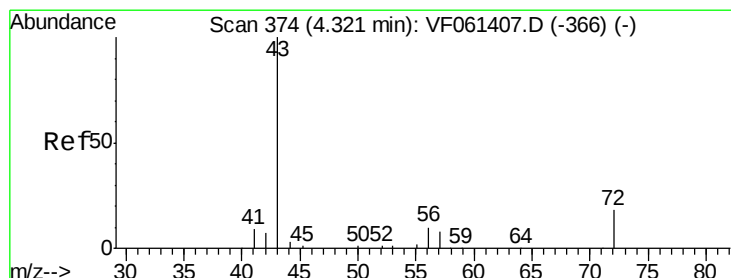
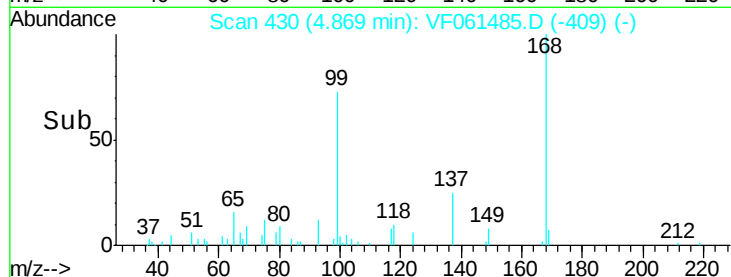
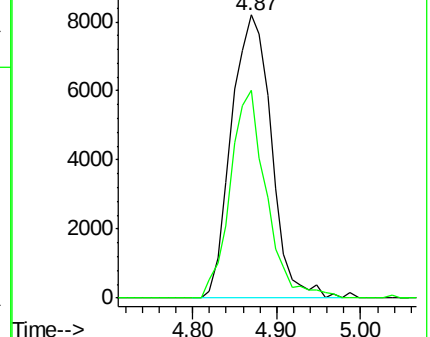
168 100

99 73.3 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#25

2-Butanone

Concen: 72.240 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.03 min

Lab File: VF061485.D

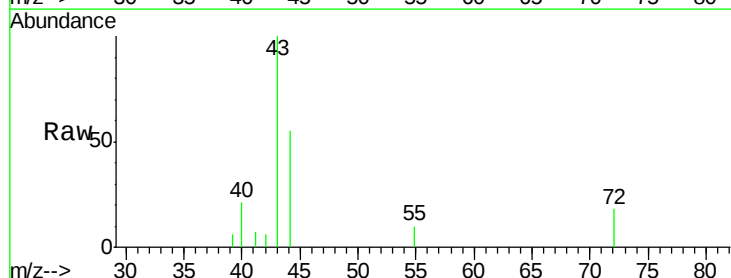
Acq: 23 Jan 2019 16:17

Tgt Ion: 43 Resp: 8053

Ion Ratio Lower Upper

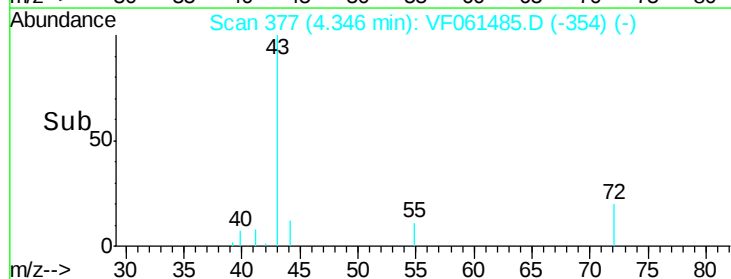
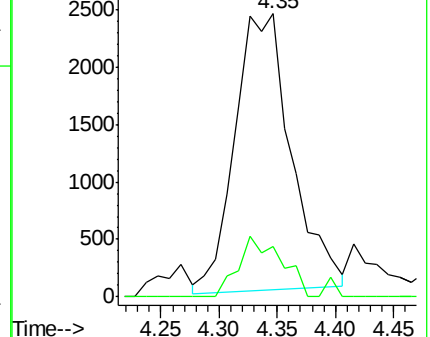
43 100

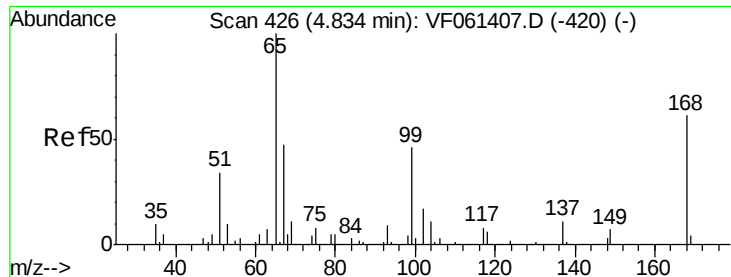
72 17.7 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 28.038 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.02 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

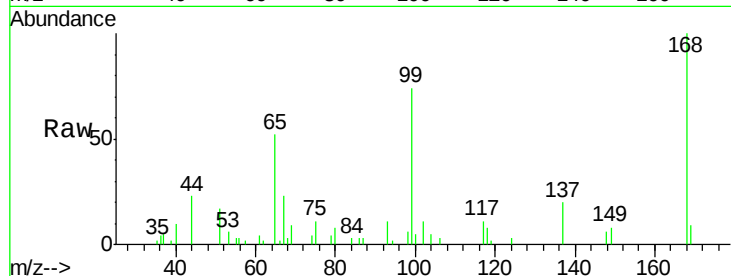
Instrument :
MSVOA_F
ClientSampled :
TS-O

Tot Ion: 65 Resp: 9369

Ion Ratio Lower Upper

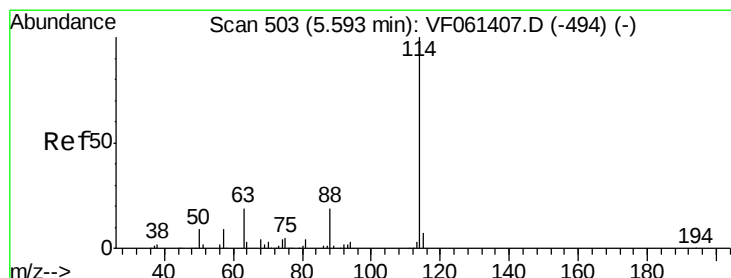
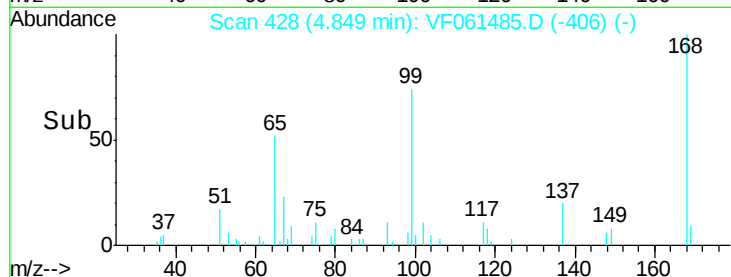
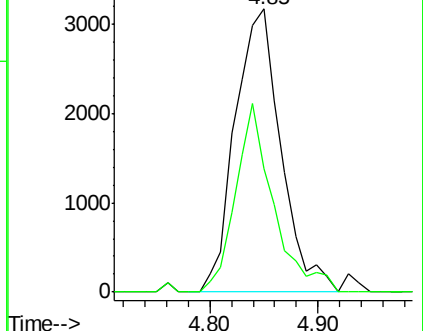
65 100

67 43.8 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

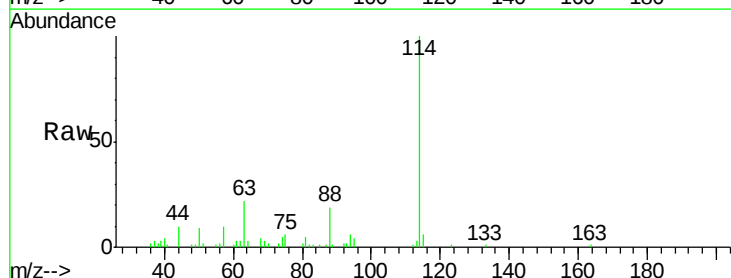
Tgt Ion: 114 Resp: 38797

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.0

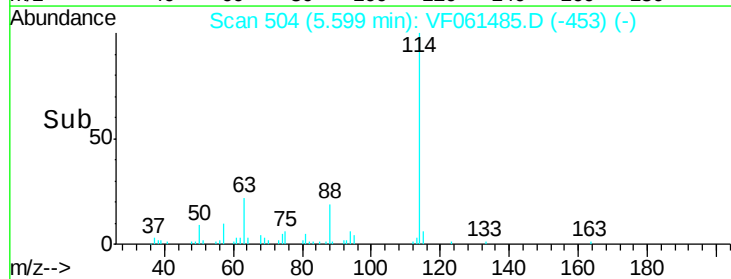
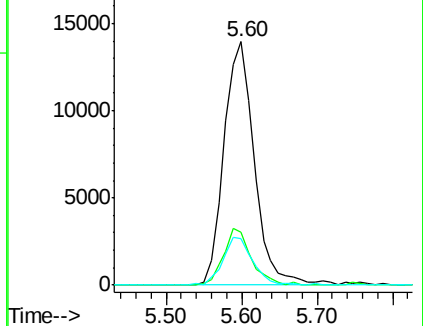
88 19.2 0.0 37.4

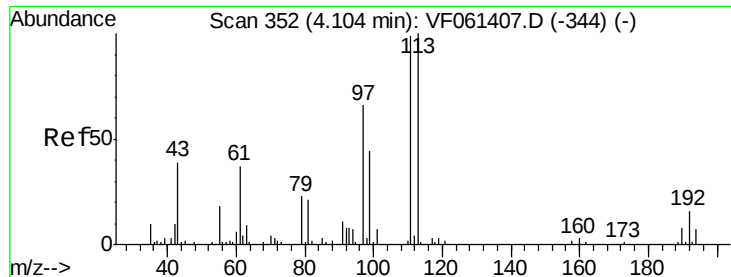


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 40.965 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

Instrument :

MSVOA_F

ClientSampleId :

TS-O

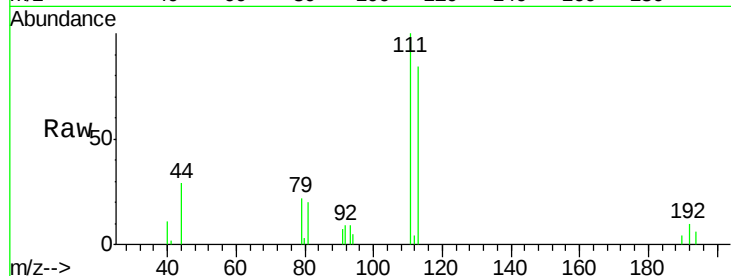
Tot Ion:113 Resp: 12541

Ion Ratio Lower Upper

113 100

111 119.5 79.4 119.0#

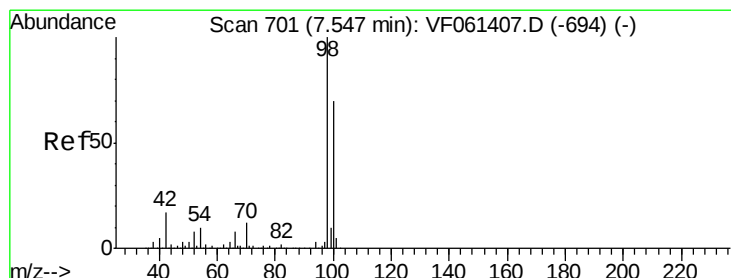
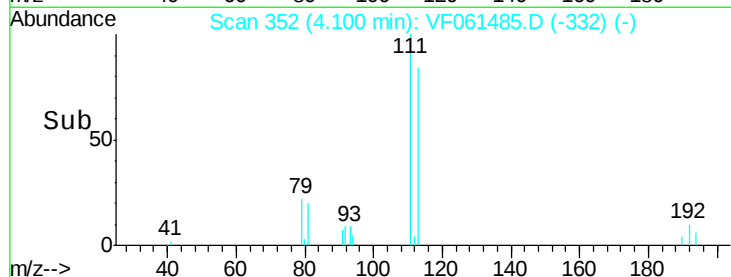
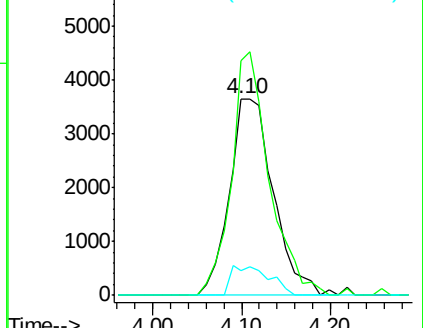
192 12.4 12.4 18.6#



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: 39.821 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061485.D

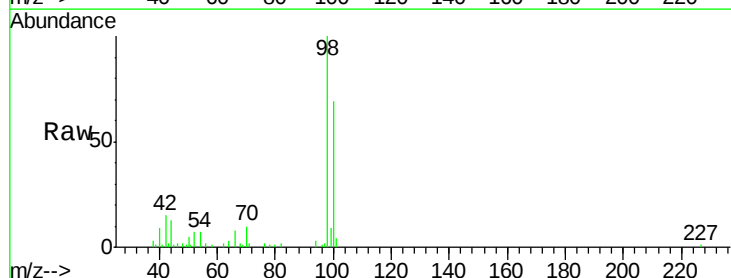
Acq: 23 Jan 2019 16:17

Tgt Ion: 98 Resp: 33401

Ion Ratio Lower Upper

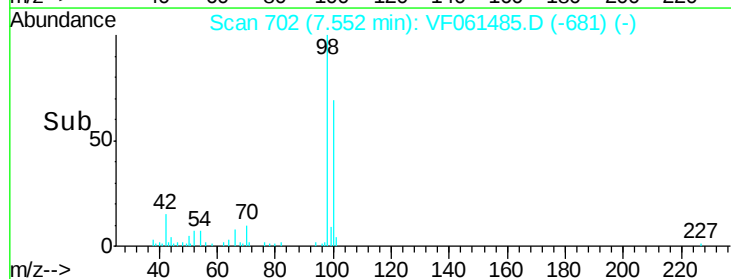
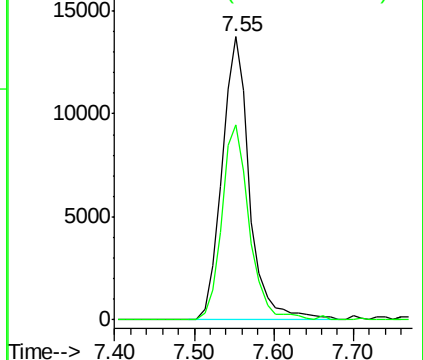
98 100

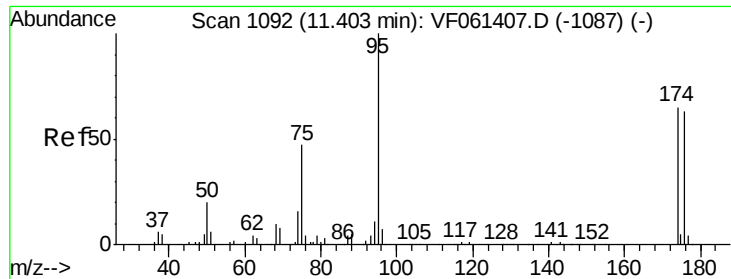
100 68.8 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 20.972 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

Instrument :

MSVOA_F

ClientSampleId :

TS-O

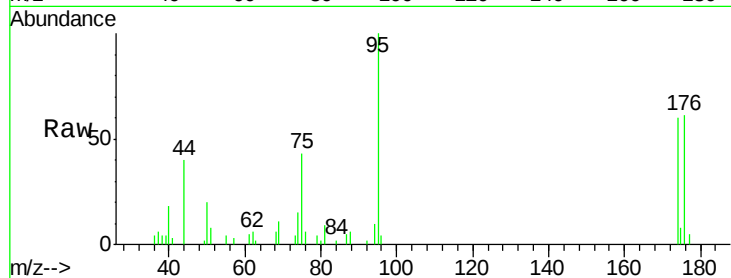
Tot Ion: 95 Resp: 8219

Ion Ratio Lower Upper

95 100

174 60.1 0.0 130.4

176 61.1 0.0 126.2

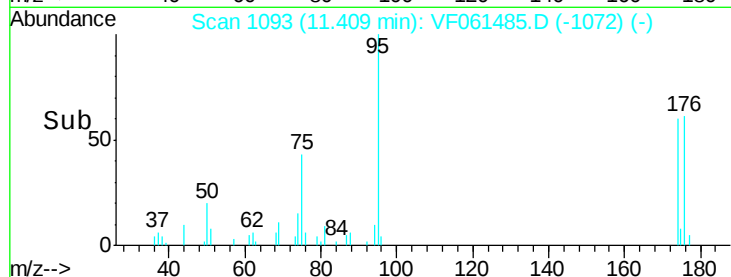


Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)

Time-->

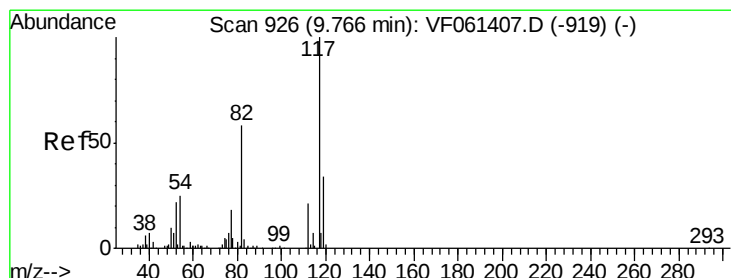


Abundance Ion 95.00 (94.70 to 95.70): VF061485.D (-1072) (-)

Ion 174.00 (173.70 to 174.70): VF061485.D (-1072) (-)

Ion 176.00 (175.70 to 176.70): VF061485.D (-1072) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. 0.01 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

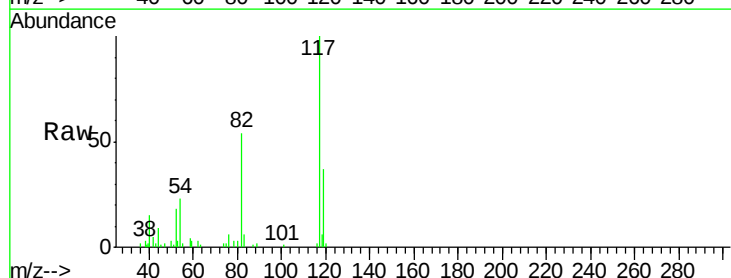
Tgt Ion: 117 Resp: 22162

Ion Ratio Lower Upper

117 100

82 53.7 46.4 69.6

119 36.8 27.2 40.8

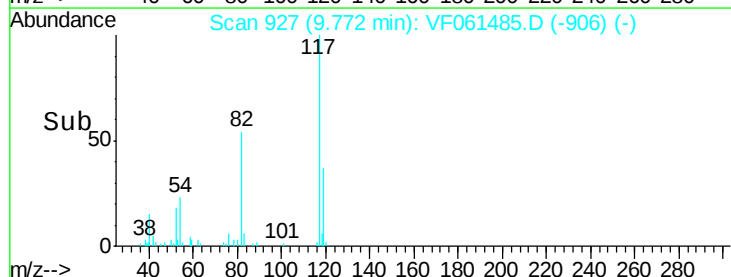


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)

Time-->

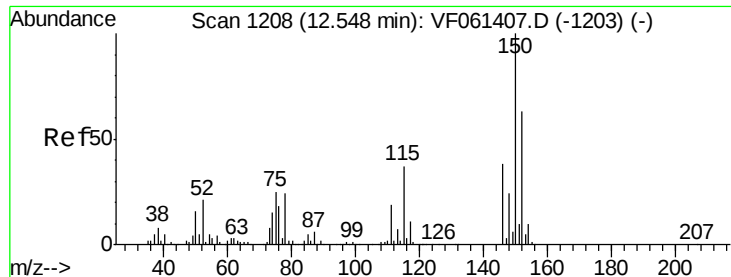


Abundance Ion 117.00 (116.70 to 117.70): VF061485.D (-906) (-)

Ion 82.00 (81.70 to 82.70): VF061485.D (-906) (-)

Ion 119.00 (118.70 to 119.70): VF061485.D (-906) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

Instrument :

MSVOA_F

ClientSampled :

TS-O

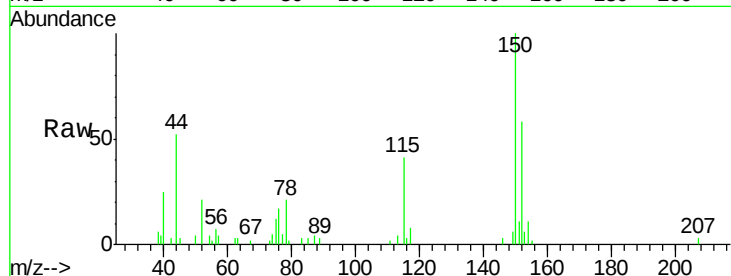
Tot Ion:152 Resp: 4994

Ion Ratio Lower Upper

152 100

115 70.4 30.0 90.0

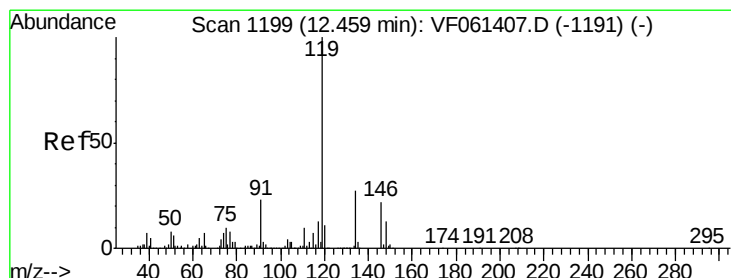
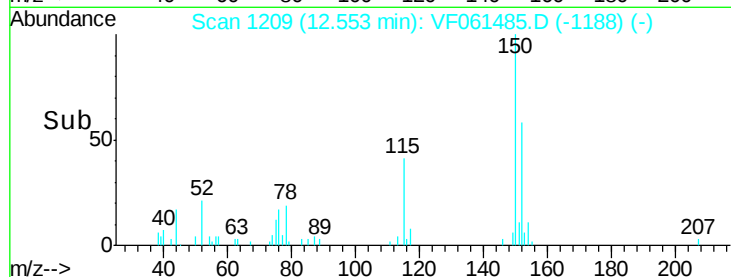
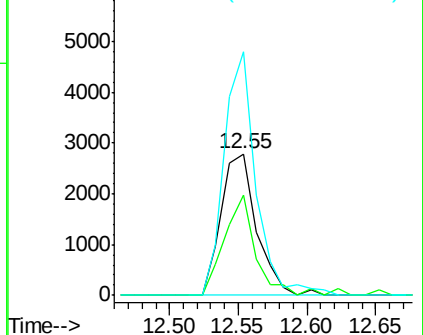
150 171.7 0.0 321.4



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



#86

p-Isopropyltoluene

Concen: 4.275 ug/l

RT: 12.45 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VF061485.D

Acq: 23 Jan 2019 16:17

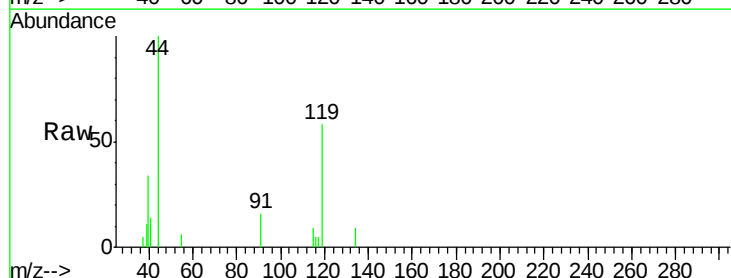
Tgt Ion:119 Resp: 1617

Ion Ratio Lower Upper

119 100

134 15.1 13.4 40.2

91 27.7 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

