

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061483.D
 Acq On : 23 Jan 2019 15:20
 Operator : VA/AP
 Sample : K1223-01
 Misc : 4.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-M

Quant Time: Jan 24 03:20:16 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

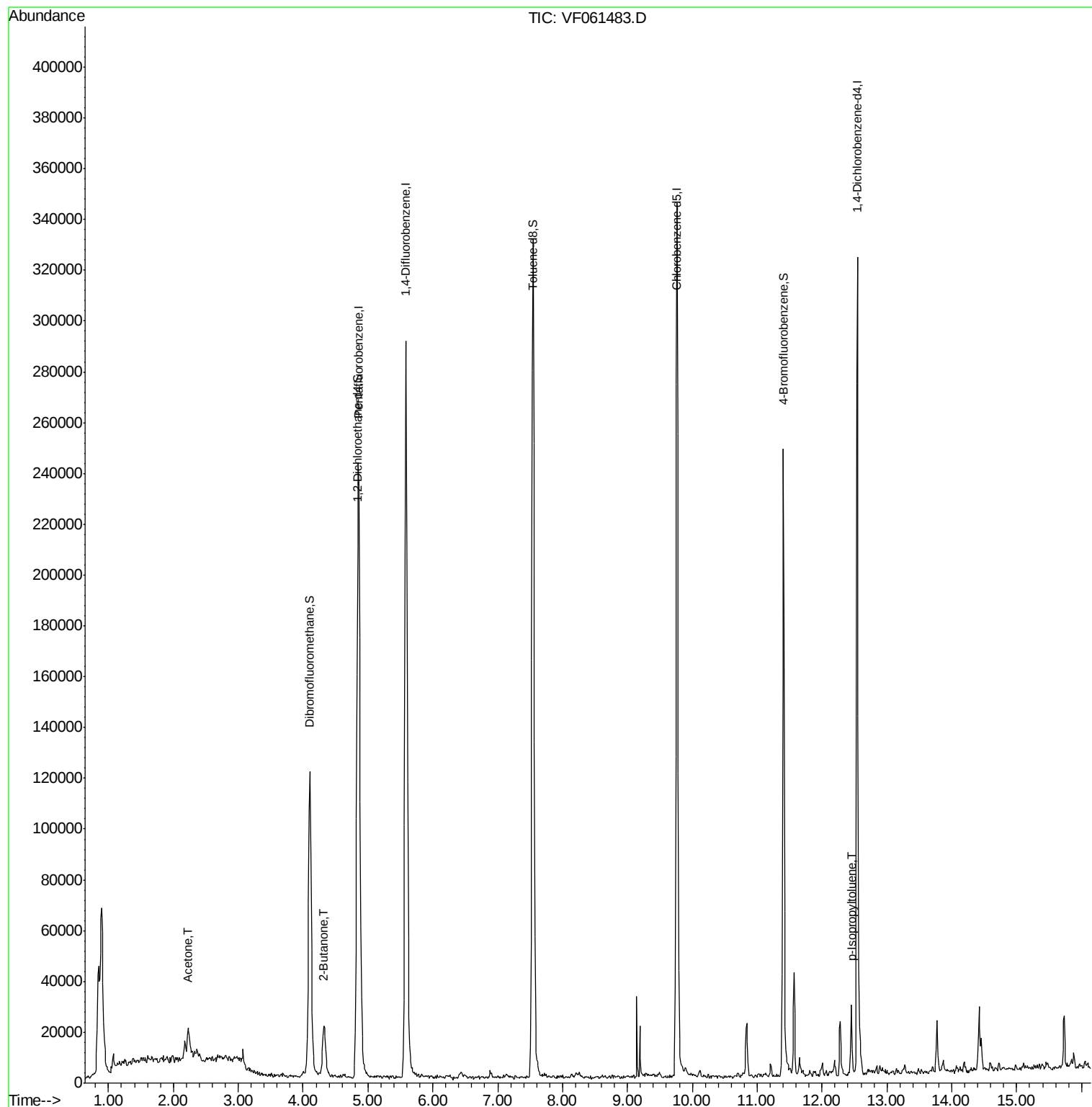
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	187505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	334113	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	236349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	79626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	91975	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
35) Dibromofluoromethane	4.10	113	120846	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
50) Toluene-d8	7.54	98	272896	37.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.56%	
62) 4-Bromofluorobenzene	11.40	95	97758	28.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.94%	
Target Compounds						
16) Acetone	2.23	43	15868	34.168	ug/l	97
25) 2-Butanone	4.33	43	41637	53.913	ug/l	98
86) p-Isopropyltoluene	12.46	119	14396	2.387	ug/l	96

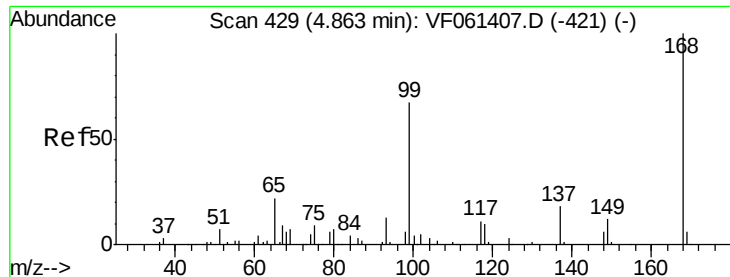
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061483.D

Acq: 23 Jan 2019 15:20

Instrument :

MSVOA_F

ClientSampleId :

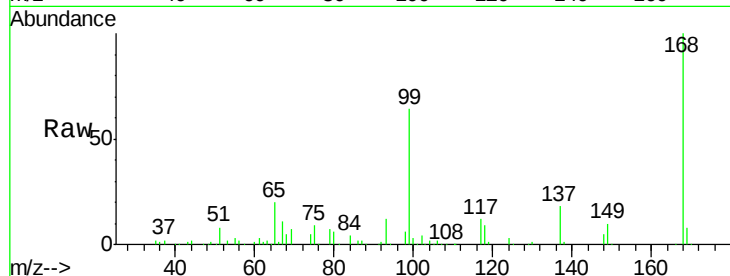
TS-M

Tot Ion:168 Resp: 187505

Ion Ratio Lower Upper

168 100

99 64.1 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

60000

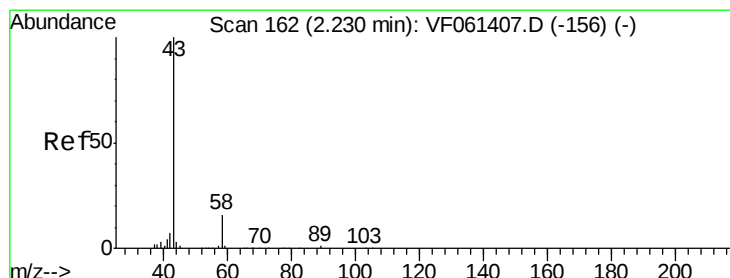
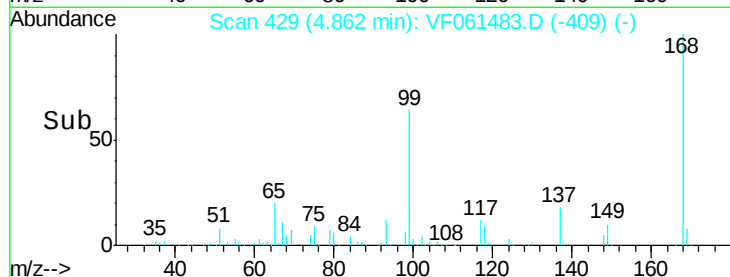
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 34.168 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061483.D

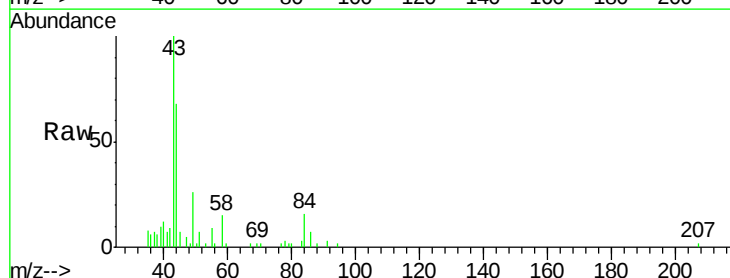
Acq: 23 Jan 2019 15:20

Tgt Ion: 43 Resp: 15868

Ion Ratio Lower Upper

43 100

58 15.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

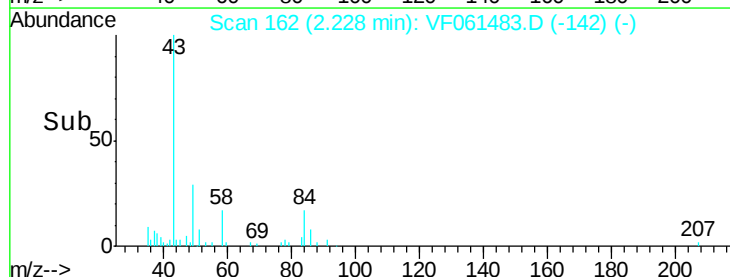
4000

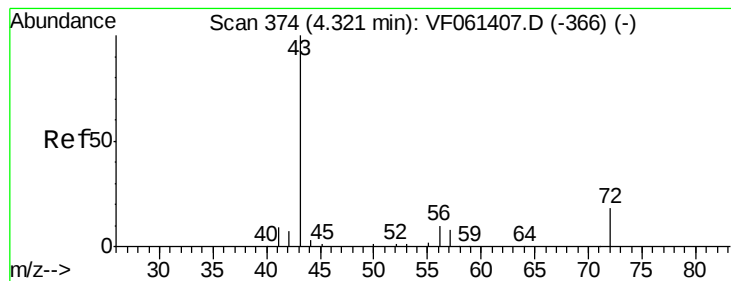
2000

0

Time-->

2.10 2.20 2.30





#25

2-Butanone

Concen: 53.913 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.01 min

Lab File: VF061483.D

Acq: 23 Jan 2019 15:20

Instrument :

MSVOA_F

ClientSampleId :

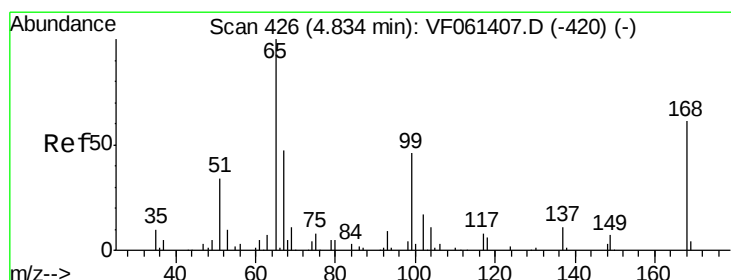
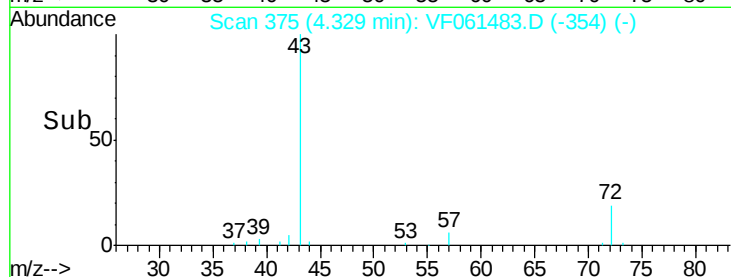
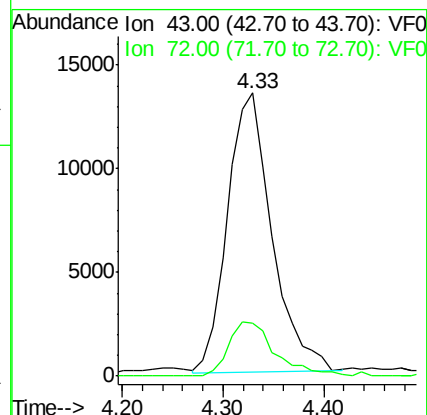
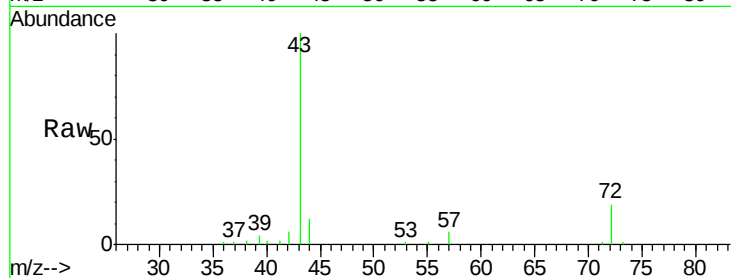
TS-M

Tot Ion: 43 Resp: 41637

Ion Ratio Lower Upper

43 100

72 18.7 15.8 23.6



#33

1,2-Dichloroethane-d4

Concen: 39.730 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061483.D

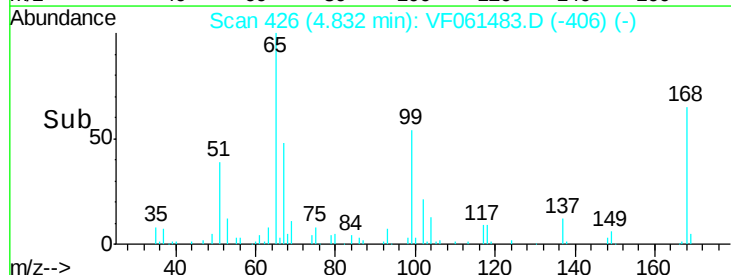
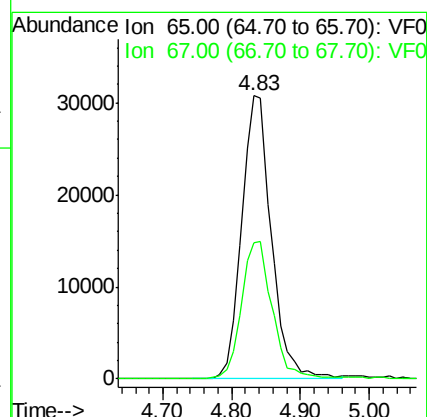
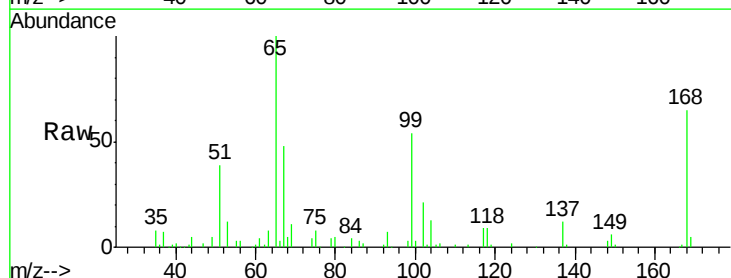
Acq: 23 Jan 2019 15:20

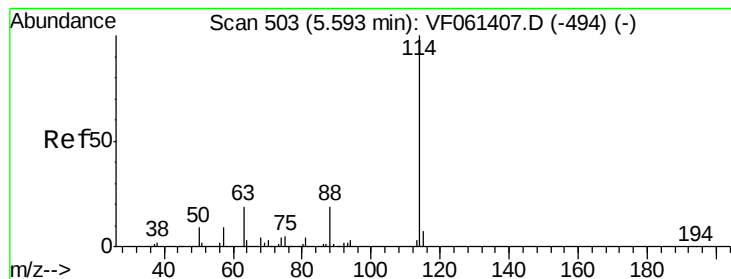
Tgt Ion: 65 Resp: 91975

Ion Ratio Lower Upper

65 100

67 47.9 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061483.D

Acq: 23 Jan 2019 15:20

Instrument :

MSVOA_F

ClientSampleId :

TS-M

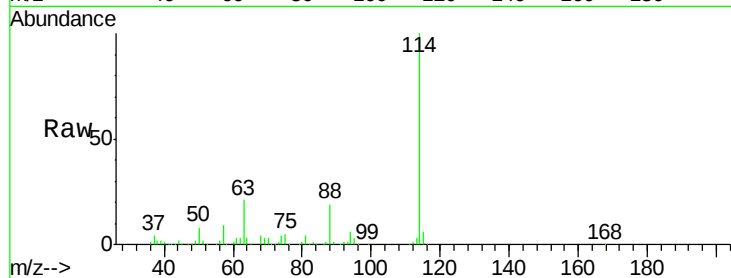
Tot Ion:114 Resp: 334113

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.0

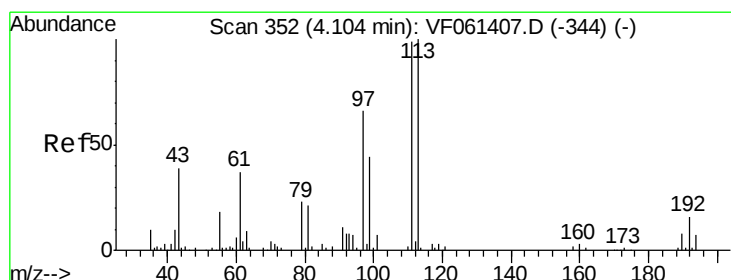
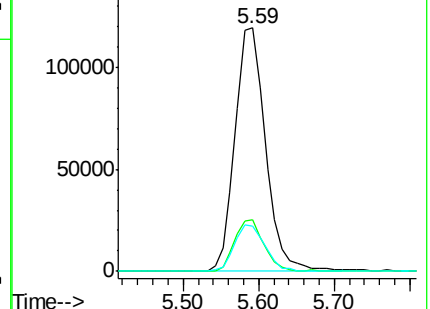
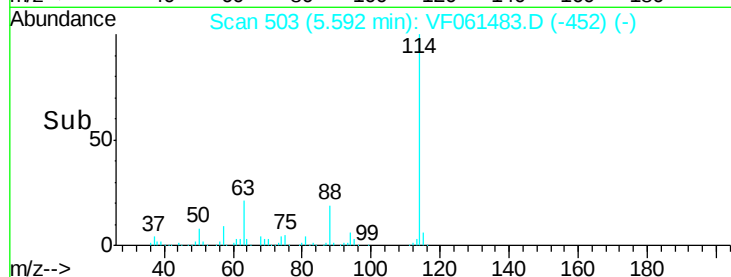
88 18.6 0.0 37.4



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: 45.837 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061483.D

Acq: 23 Jan 2019 15:20

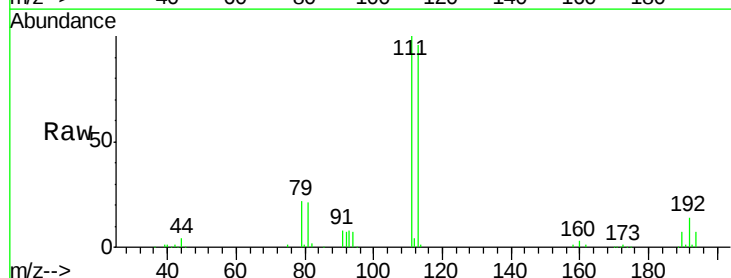
Tgt Ion:113 Resp: 120846

Ion Ratio Lower Upper

113 100

111 104.2 79.4 119.0

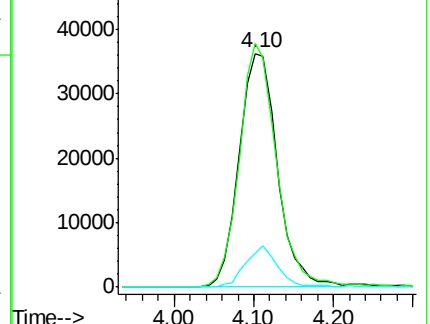
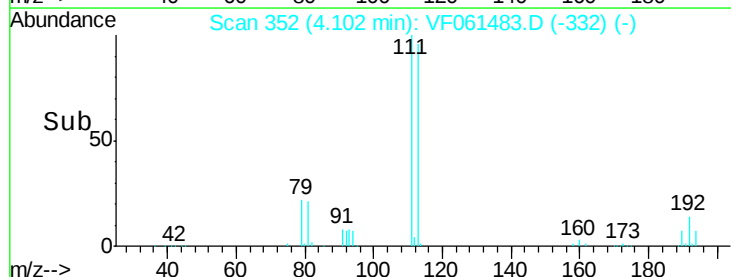
192 14.2 12.4 18.6

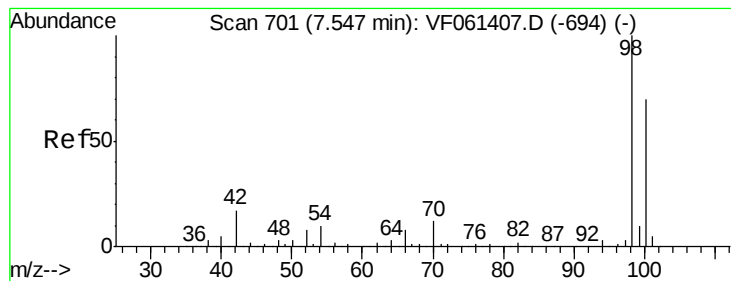


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.780 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061483.D

Acq: 23 Jan 2019 15:20

Instrument :

MSVOA_F

ClientSampled :

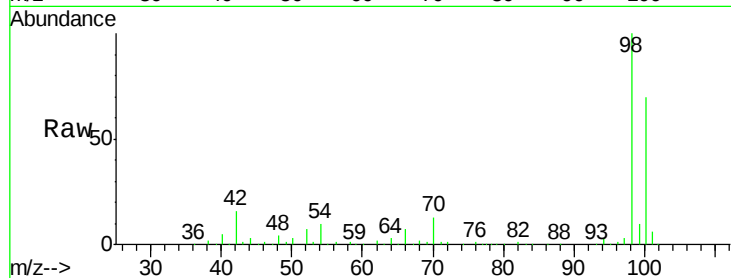
TS-M

Tot Ion: 98 Resp: 272896

Ion Ratio Lower Upper

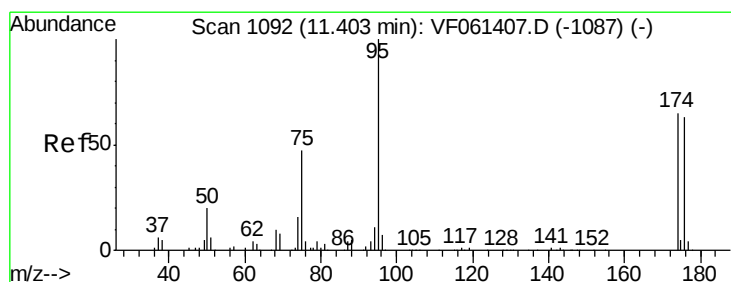
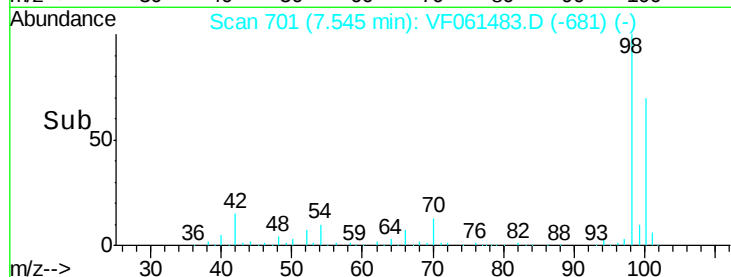
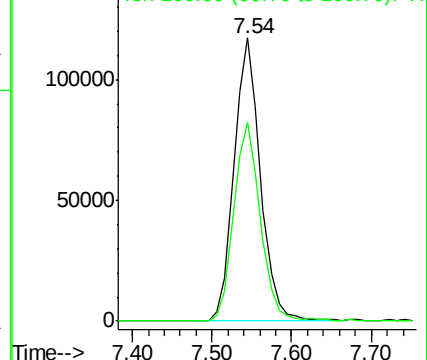
98 100

100 70.1 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 28.966 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061483.D

Acq: 23 Jan 2019 15:20

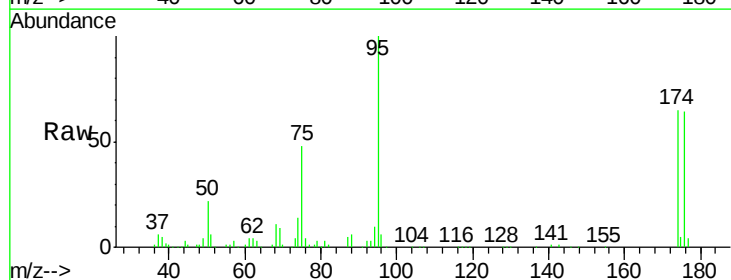
Tgt Ion: 95 Resp: 97758

Ion Ratio Lower Upper

95 100

174 64.8 0.0 130.4

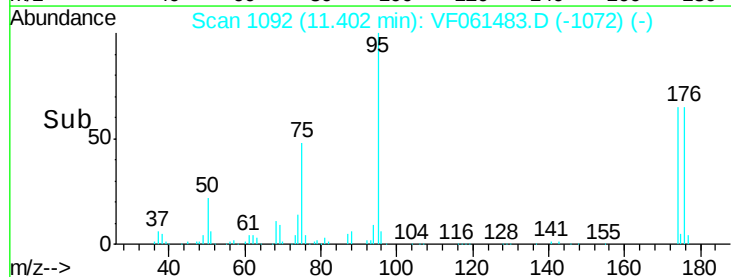
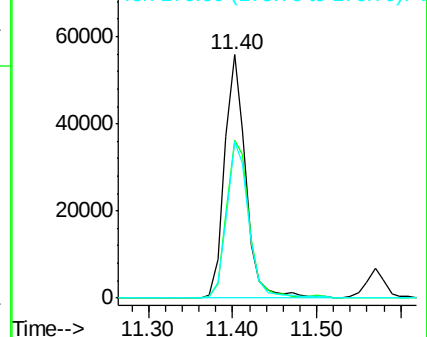
176 64.3 0.0 126.2

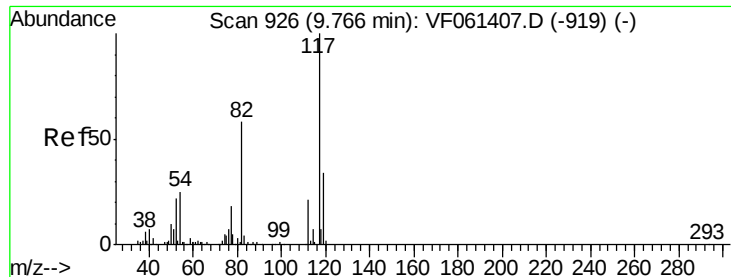


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

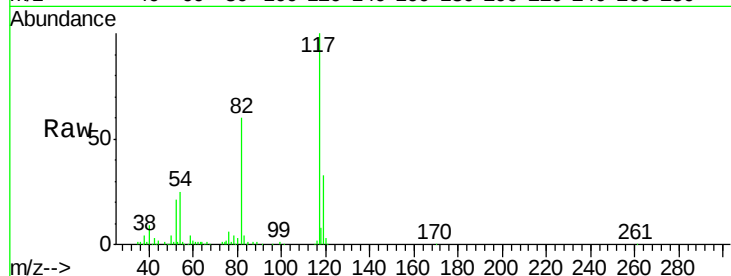




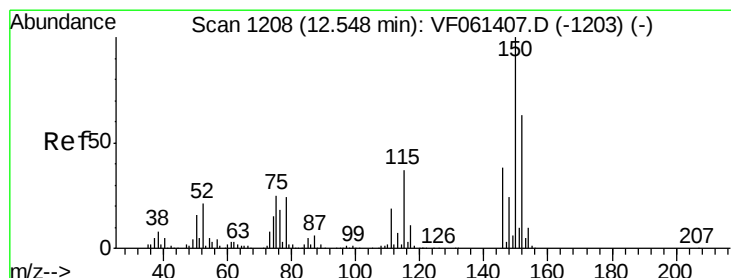
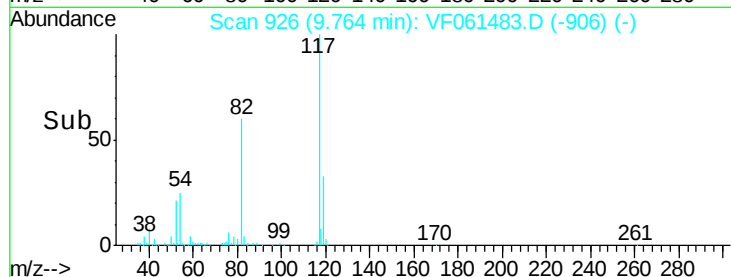
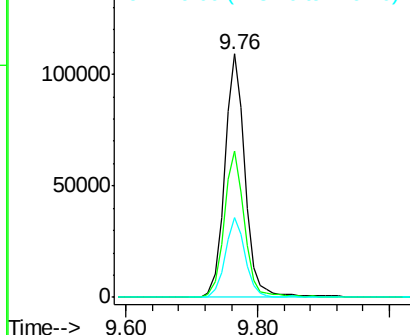
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061483.D
Acq: 23 Jan 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
TS-M

Tot Ion:117 Resp: 236349
Ion Ratio Lower Upper
117 100
82 60.1 46.4 69.6
119 32.7 27.2 40.8

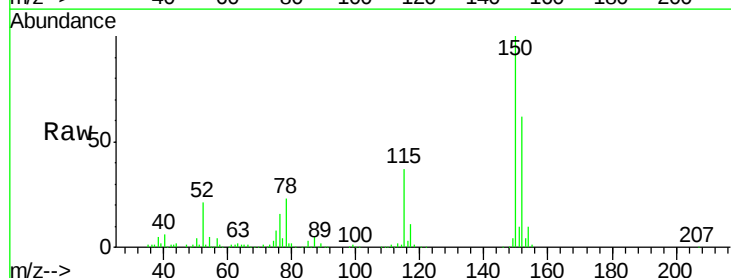


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

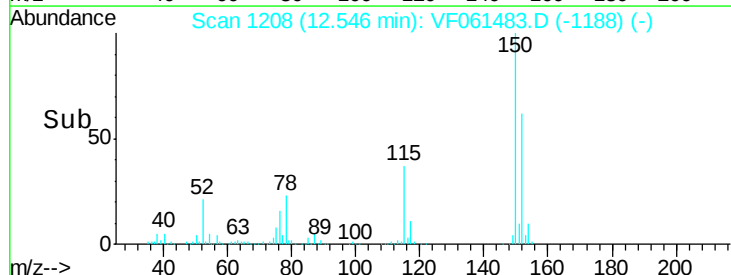
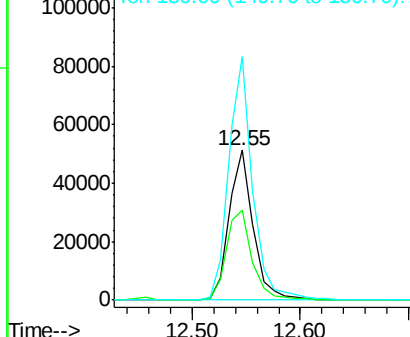


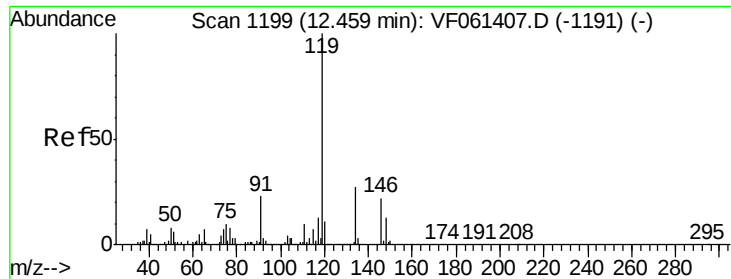
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061483.D
Acq: 23 Jan 2019 15:20

Tgt Ion:152 Resp: 79626
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 162.6 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: 2.387 ug/l
 RT: 12.46 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: VF061483.D
 Acq: 23 Jan 2019 15:20

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-M

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
134	26.6	13.4	40.2	
91	26.3	11.4	34.2	

