

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061505.D
 Acq On : 24 Jan 2019 17:35
 Operator : VA/AP
 Sample : K1223-02RE
 Misc : 4.96g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-NRE

Quant Time: Jan 25 05:05:43 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

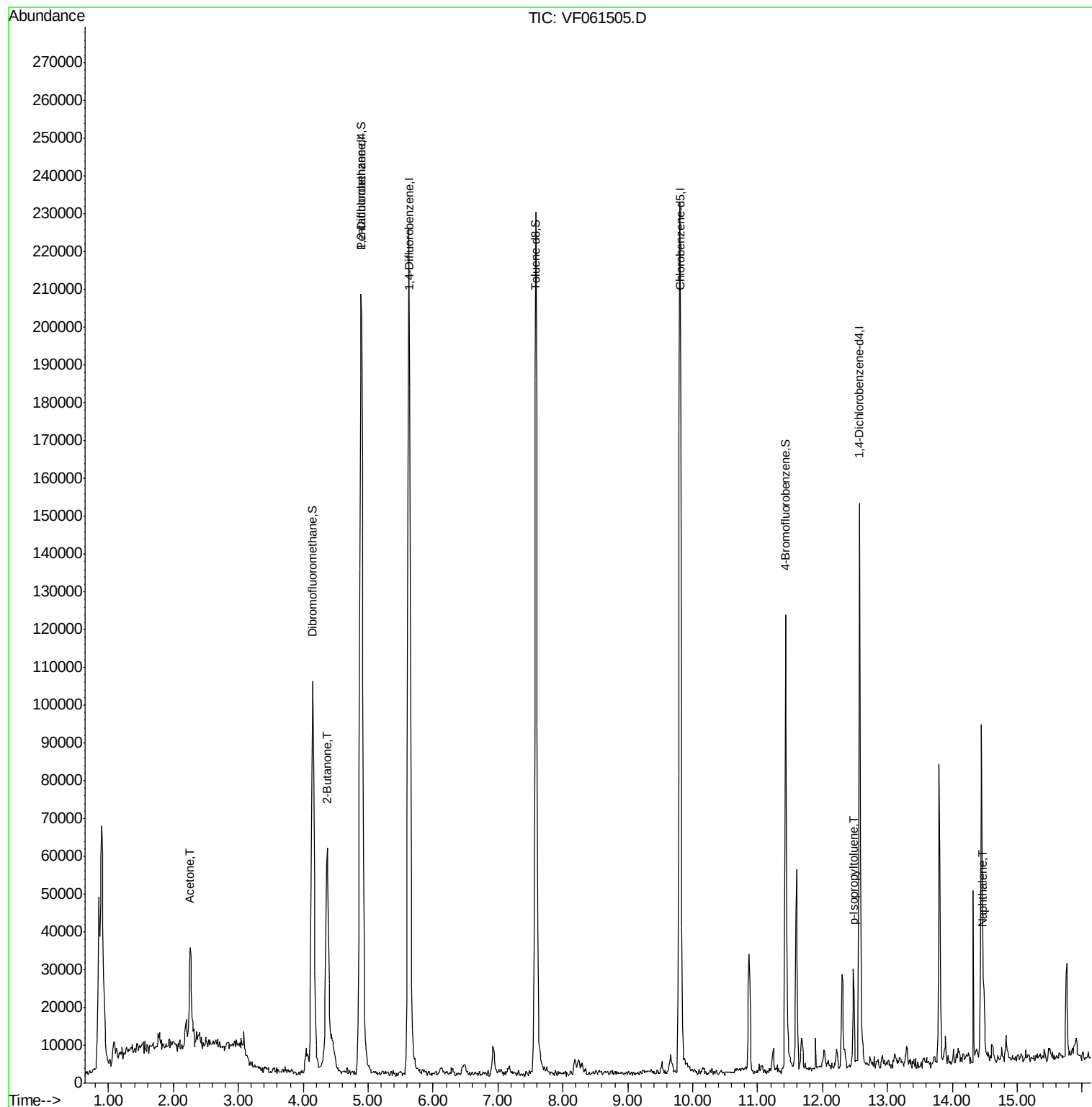
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	148787	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.63	114	260723	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.80	117	159368	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.57	152	37756	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	94187	51.27	ug/l	0.05
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	4.15	113	101222	49.20	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	7.58	98	187340	33.24	ug/l	0.04
Spiked Amount 50.000			Recovery	=	66.48%	
62) 4-Bromofluorobenzene	11.43	95	48237	18.32	ug/l	0.03
Spiked Amount 50.000			Recovery	=	36.64%	
Target Compounds						
16) Acetone	2.26	43	37118	100.723	ug/l	95
25) 2-Butanone	4.37	43	124136	202.562	ug/l	100
86) p-Isopropyltoluene	12.48	119	14510	5.075	ug/l	97
95) Naphthalene	14.48	128	4153	2.572	ug/l #	76

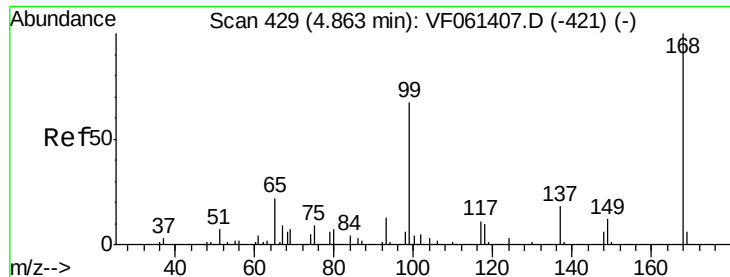
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
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: 4.90 min Scan# 433

Delta R.T. 0.04 min

Lab File: VF061505.D

Acq: 24 Jan 2019 17:35

Instrument :

MSVOA_F

ClientSampleId :

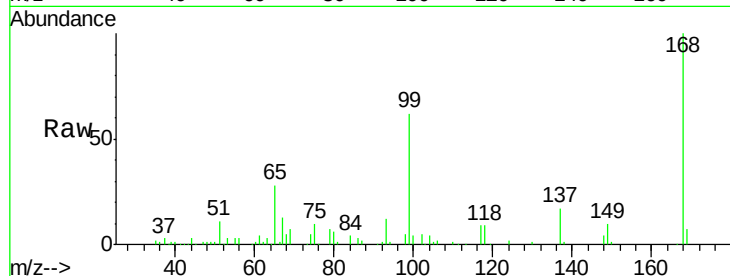
TS-NRE

Tot Ion:168 Resp: 148787

Ion Ratio Lower Upper

168 100

99 62.2 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

60000

50000

40000

30000

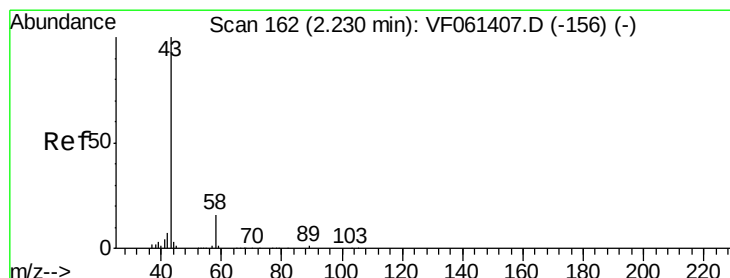
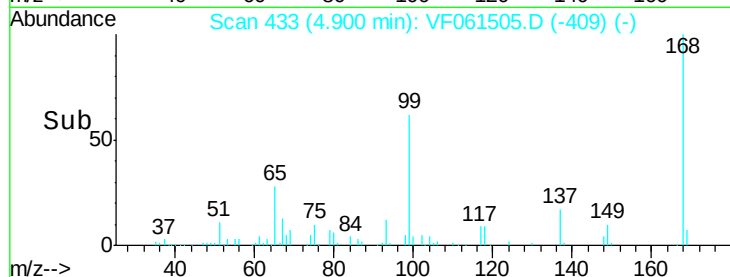
20000

10000

0

Time-->

4.80 4.90 5.00



#16

Acetone

Concen: 100.723 ug/l

RT: 2.26 min Scan# 165

Delta R.T. 0.03 min

Lab File: VF061505.D

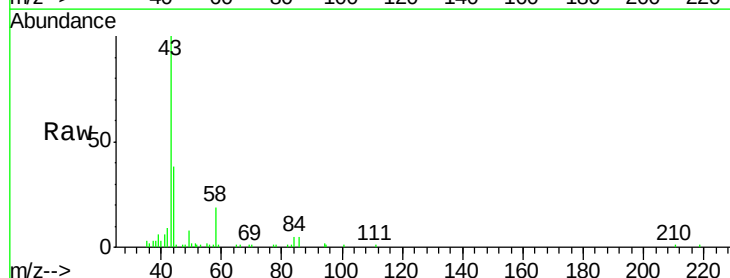
Acq: 24 Jan 2019 17:35

Tgt Ion: 43 Resp: 37118

Ion Ratio Lower Upper

43 100

58 18.7 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.26

15000

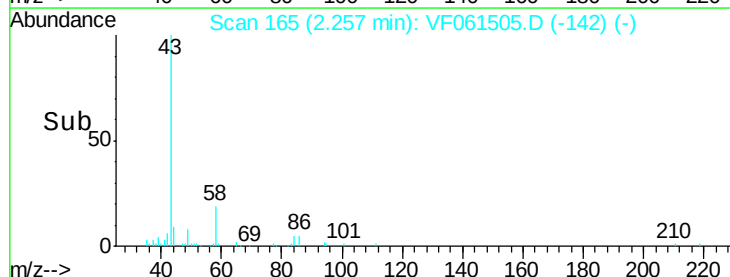
10000

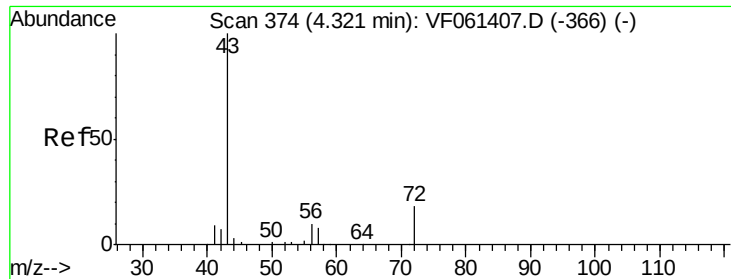
5000

0

Time-->

2.20 2.25 2.30 2.35

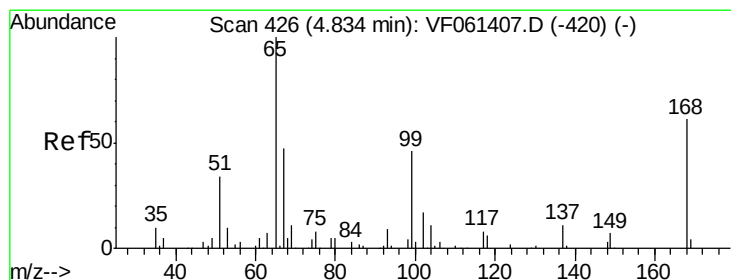
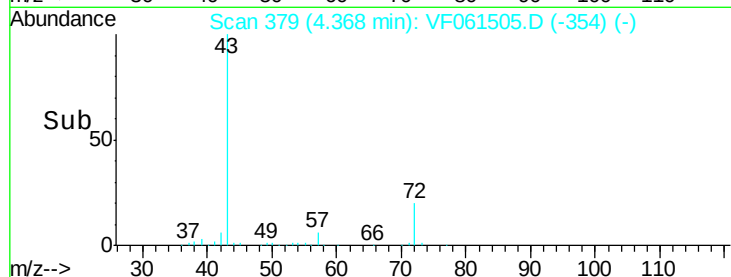
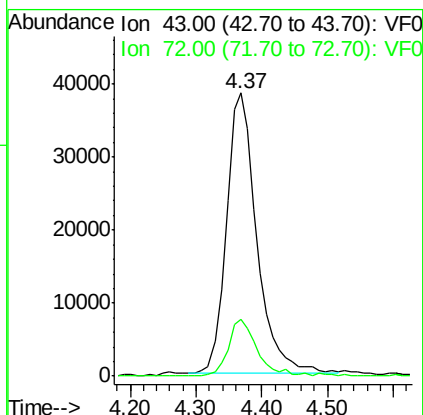
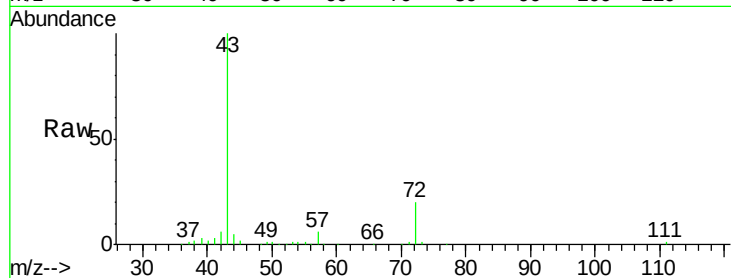




#25
2-Butanone
Concen: 202.562 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.05 min
Lab File: VF061505.D
Acq: 24 Jan 2019 17:35

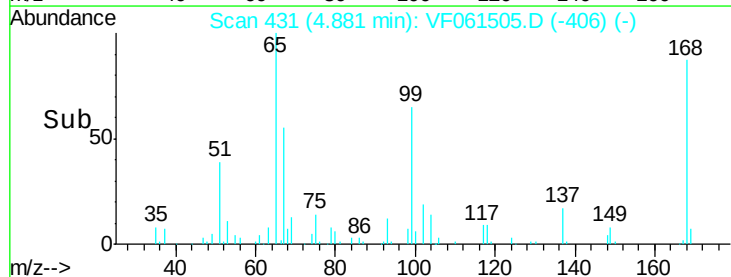
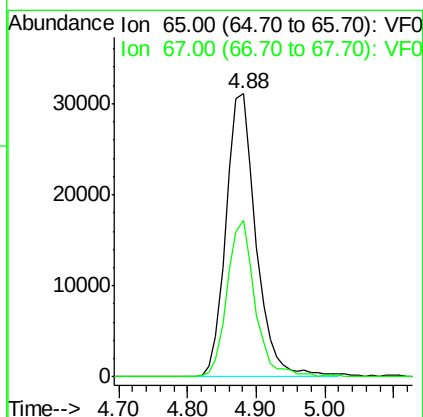
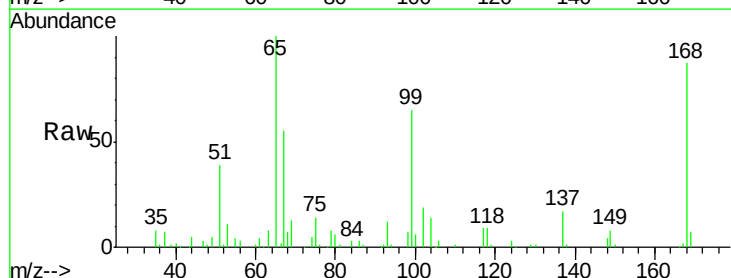
Instrument :
MSVOA_F
ClientSampleId :
TS-NRE

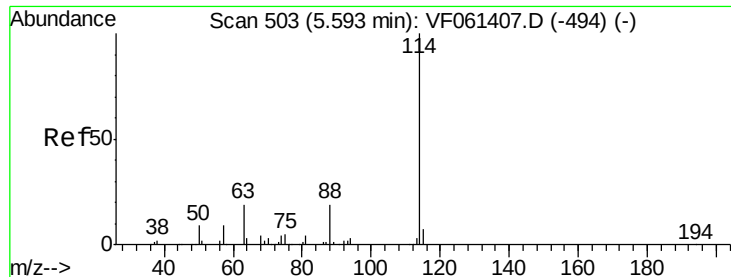
Tot Ion: 43 Resp: 124136
Ion Ratio Lower Upper
43 100
72 19.9 15.8 23.6



#33
1,2-Dichloroethane-d4
Concen: 51.273 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.05 min
Lab File: VF061505.D
Acq: 24 Jan 2019 17:35

Tgt Ion: 65 Resp: 94187
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 507

Delta R.T. 0.04 min

Lab File: VF061505.D

Acq: 24 Jan 2019 17:35

Instrument :

MSVOA_F

ClientSampleId :

TS-NRE

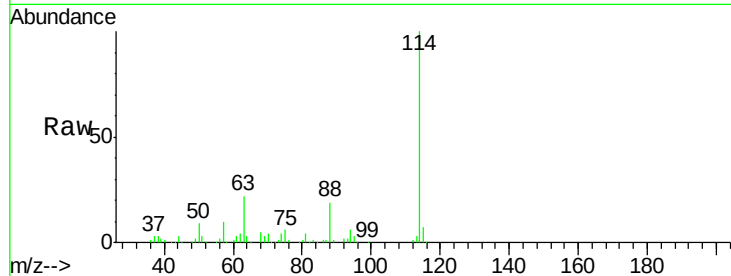
Tot Ion:114 Resp: 260723

Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.0

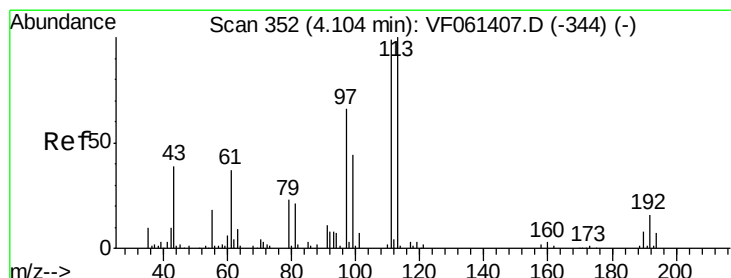
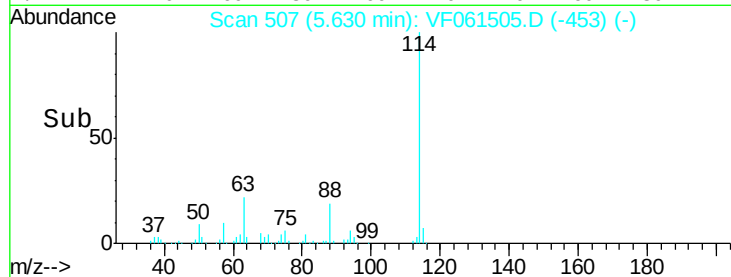
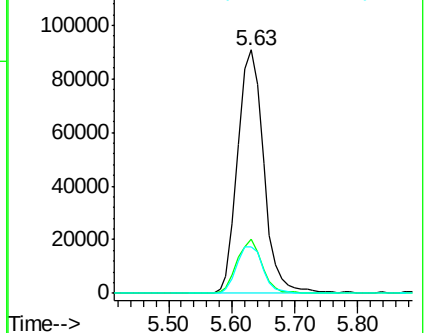
88 19.4 0.0 37.4



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: 49.201 ug/l

RT: 4.15 min Scan# 357

Delta R.T. 0.05 min

Lab File: VF061505.D

Acq: 24 Jan 2019 17:35

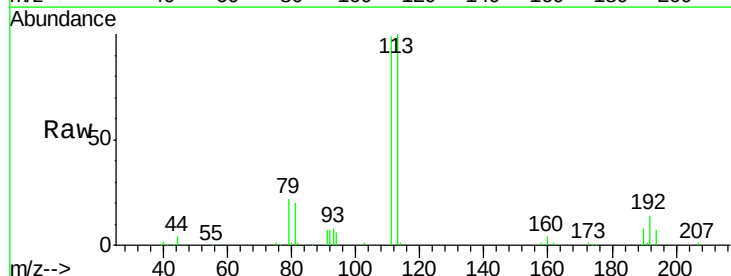
Tgt Ion:113 Resp: 101222

Ion Ratio Lower Upper

113 100

111 98.8 79.4 119.0

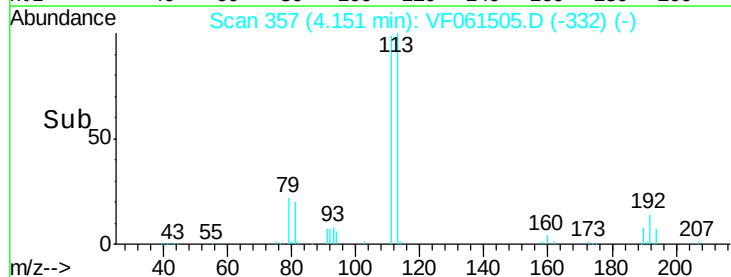
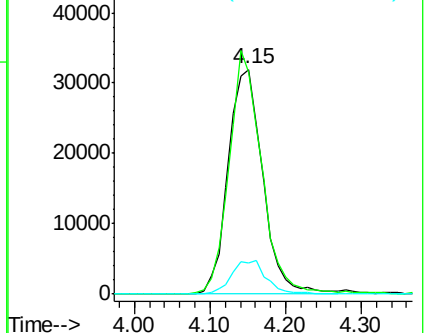
192 14.1 12.4 18.6

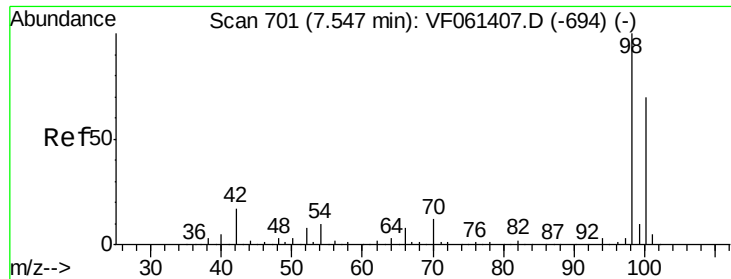


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.236 ug/l

RT: 7.58 min Scan# 705

Delta R.T. 0.04 min

Lab File: VF061505.D

Acq: 24 Jan 2019 17:35

Instrument :

MSVOA_F

ClientSampleId :

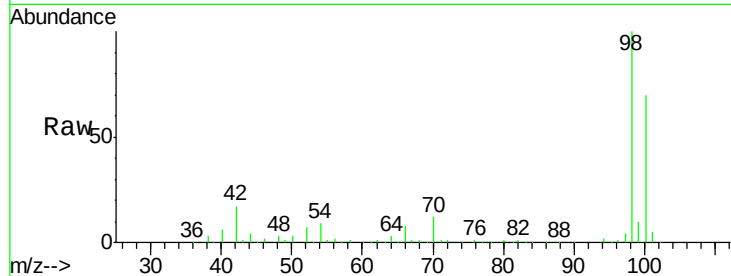
TS-NRE

Tot Ion: 98 Resp: 187340

Ion Ratio Lower Upper

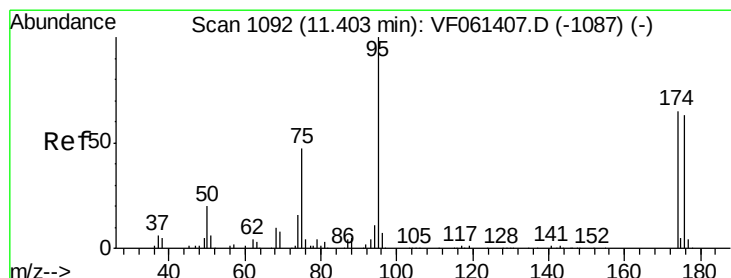
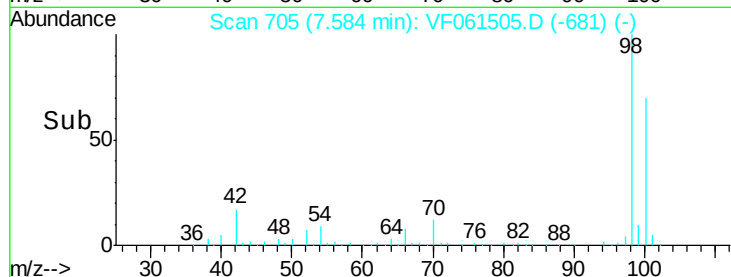
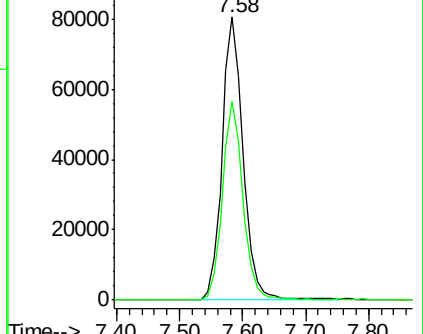
98 100

100 70.2 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: 18.316 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.03 min

Lab File: VF061505.D

Acq: 24 Jan 2019 17:35

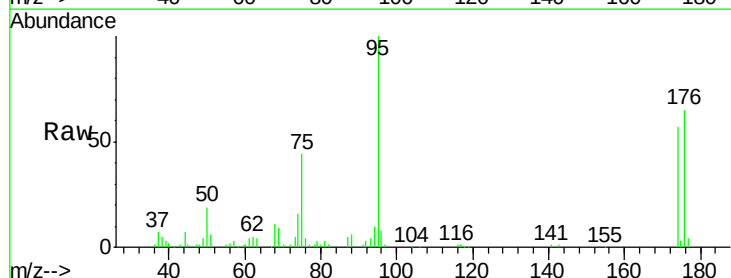
Tgt Ion: 95 Resp: 48237

Ion Ratio Lower Upper

95 100

174 57.2 0.0 130.4

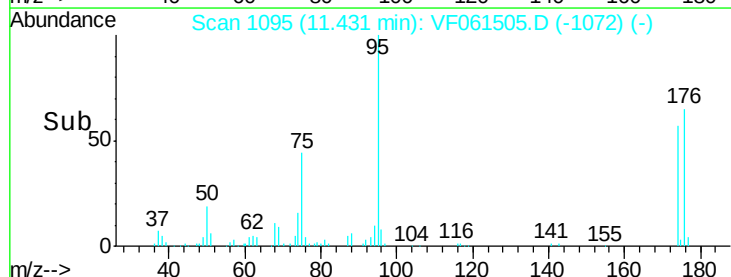
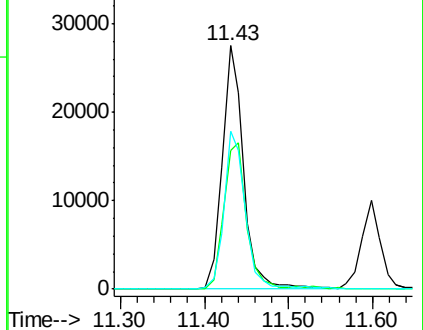
176 64.6 0.0 126.2

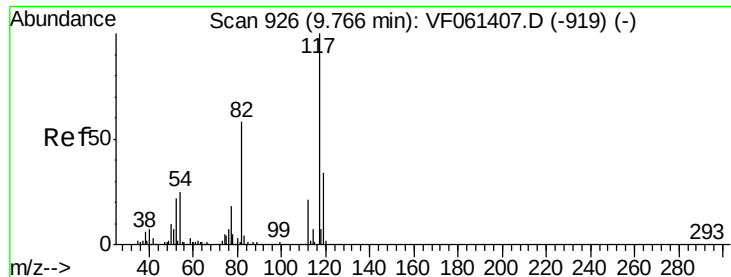


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

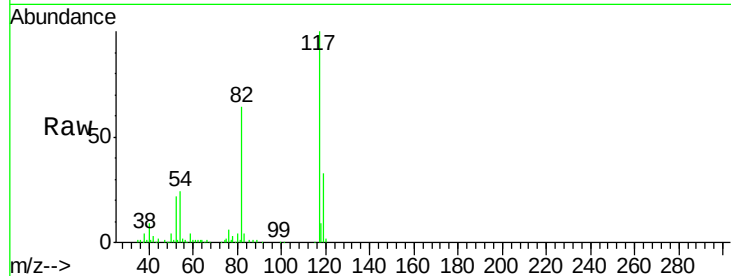




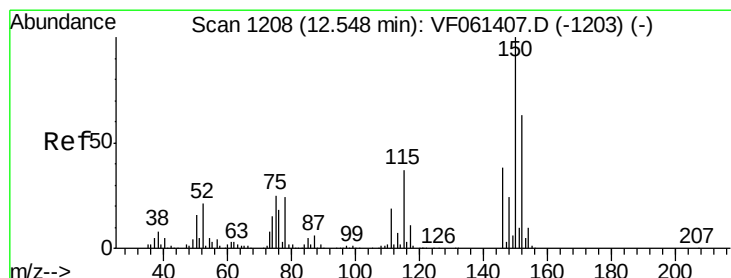
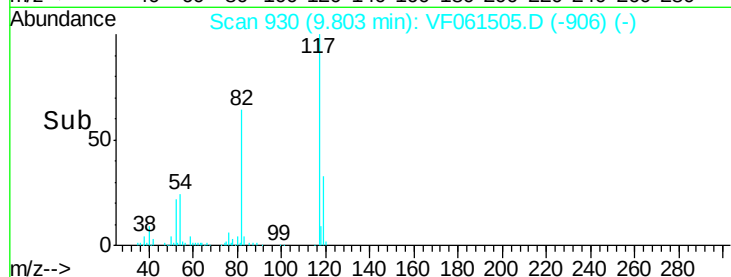
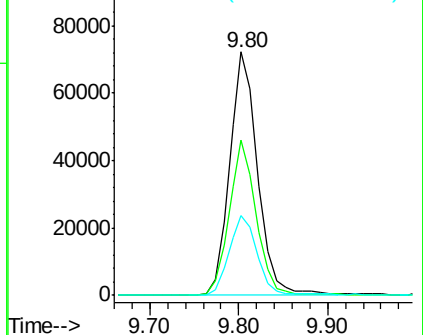
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.04 min
Lab File: VF061505.D
Acq: 24 Jan 2019 17:35

Instrument :
MSVOA_F
ClientSampleId :
TS-NRE

Tot Ion:117 Resp: 159368
Ion Ratio Lower Upper
117 100
82 63.7 46.4 69.6
119 32.5 27.2 40.8

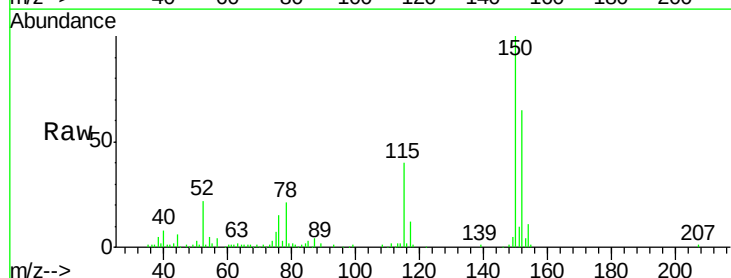


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

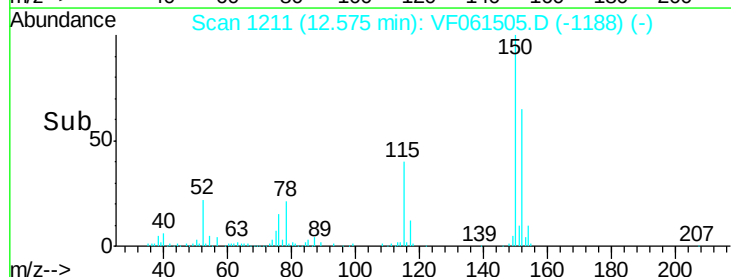
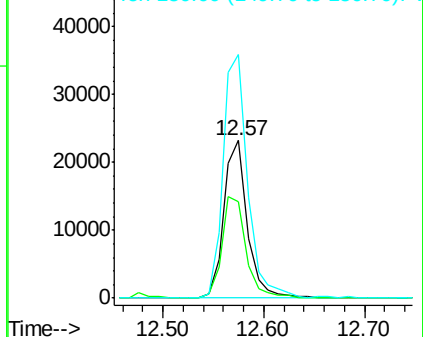


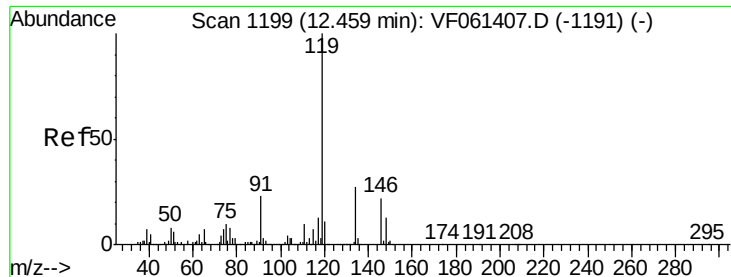
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061505.D
Acq: 24 Jan 2019 17:35

Tgt Ion:152 Resp: 37756
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 154.7 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

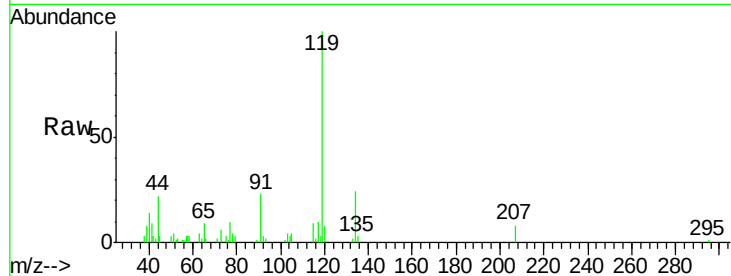




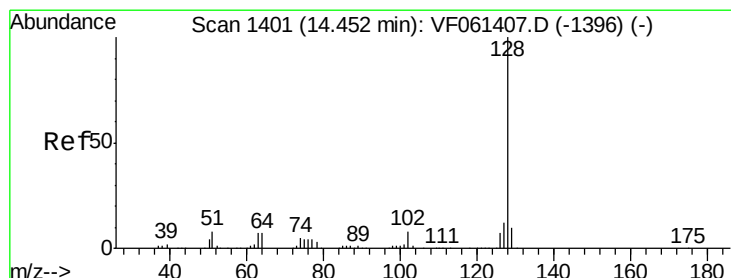
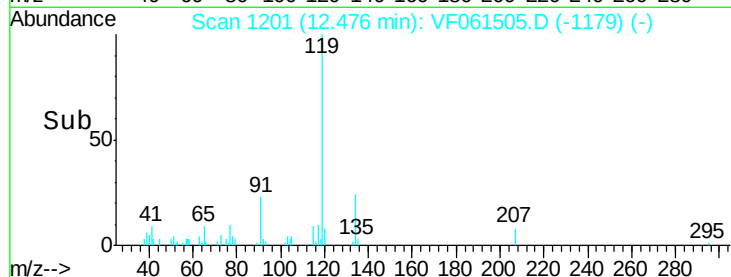
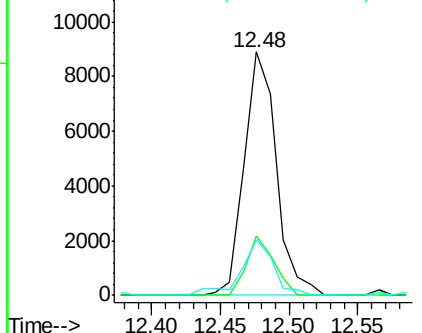
#86
 p-Isopropyltoluene
 Concen: 5.075 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: VF061505.D
 Acq: 24 Jan 2019 17:35

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-NRE

Tot Ion:119 Resp: 14510
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.4 40.2
 91 22.8 11.4 34.2

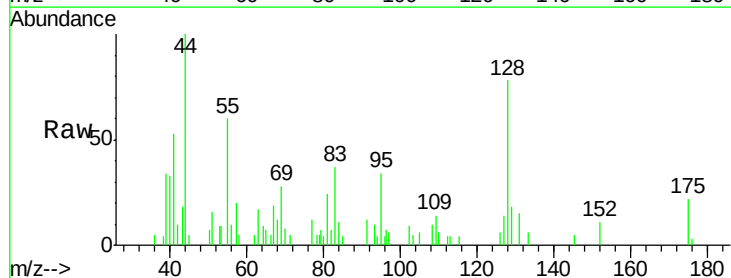


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#95
 Naphthalene
 Concen: 2.572 ug/l
 RT: 14.48 min Scan# 1404
 Delta R.T. 0.03 min
 Lab File: VF061505.D
 Acq: 24 Jan 2019 17:35

Tgt Ion:128 Resp: 4153
 Ion Ratio Lower Upper
 128 100
 127 17.8 9.5 14.3#
 129 23.5 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

