

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061365.D
 Acq On : 11 Jan 2019 13:47
 Operator : VA/AP
 Sample : K1099-21RE
 Misc : 4.91g/5mL/MSVOA-F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-21RE

Quant Time: Jan 12 03:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

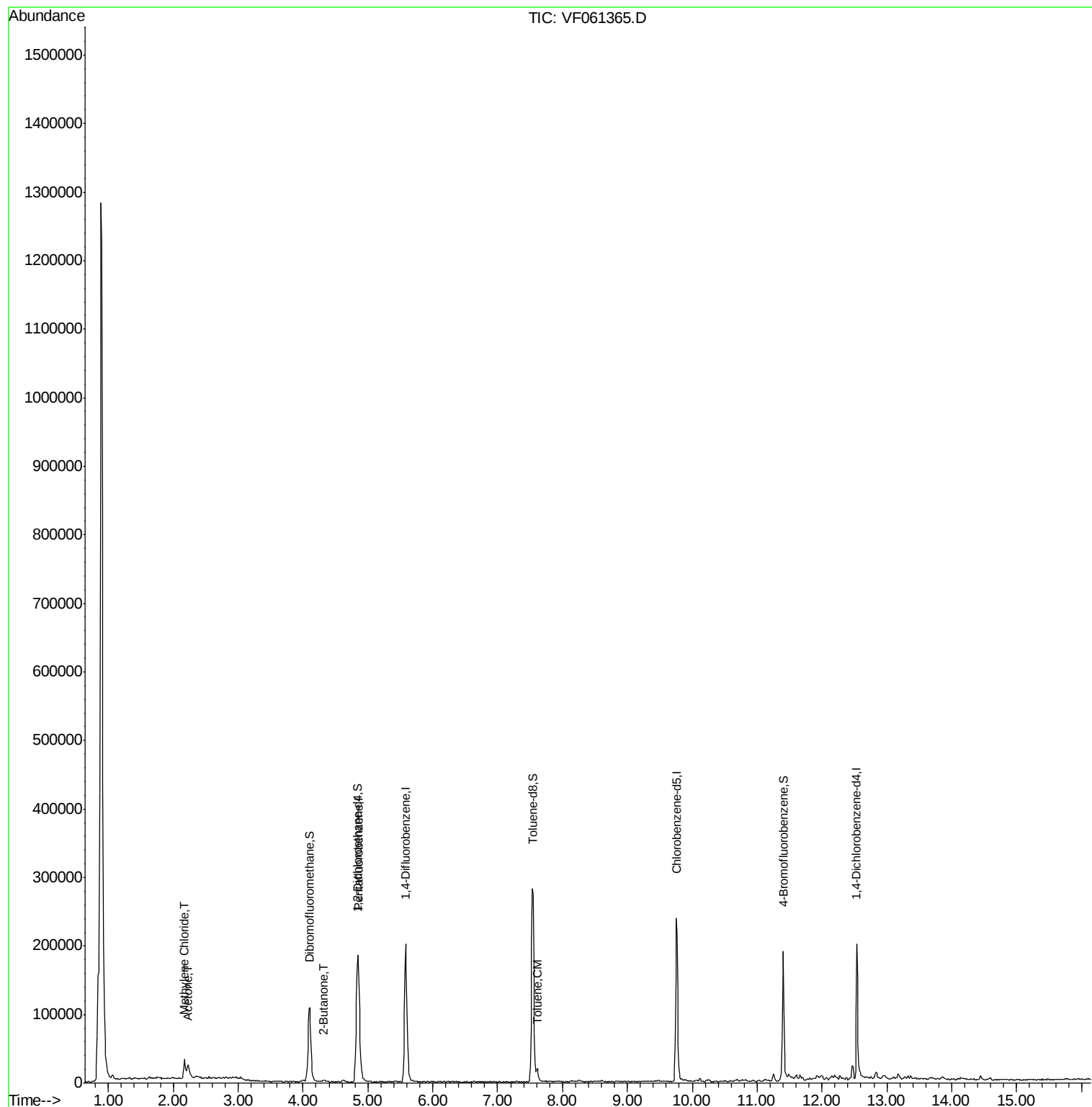
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	128855	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	224378	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	168621	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	49517	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	94978	66.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	132.44%	
35) Dibromofluoromethane	4.10	113	106121	61.81	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	123.62%	
50) Toluene-d8	7.54	98	240755	47.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.40	95	79514	35.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.68%	
Target Compounds						
16) Acetone	2.23	43	27214	81.568	ug/l	92
20) Methylene Chloride	2.17	84	13307	9.428	ug/l #	90
25) 2-Butanone	4.33	43	6340	11.807	ug/l #	89
52) Toluene	7.61	92	8680	2.208	ug/l	84

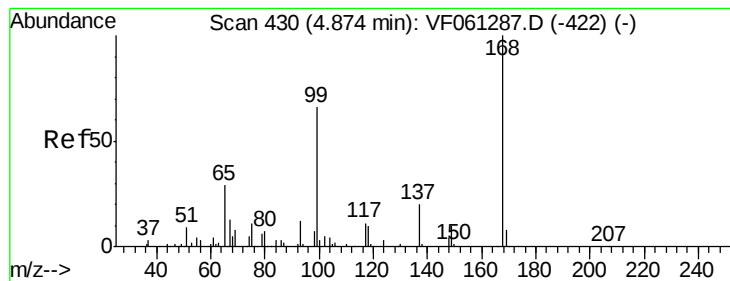
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061365.D

Acq: 11 Jan 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

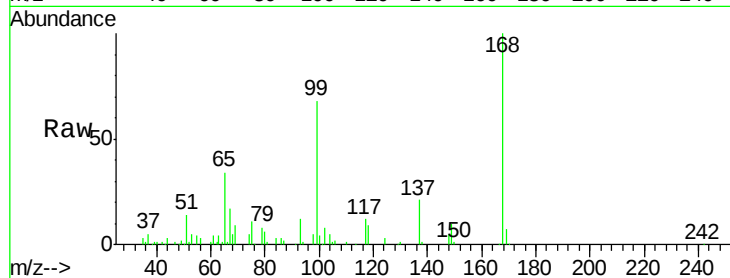
TP-21RE

Tot Ion:168 Resp: 128855

Ion Ratio Lower Upper

168 100

99 68.5 52.7 79.1

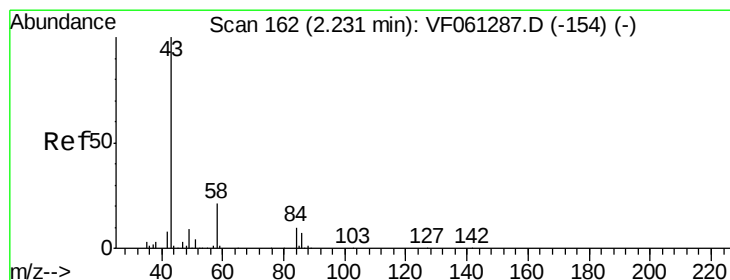
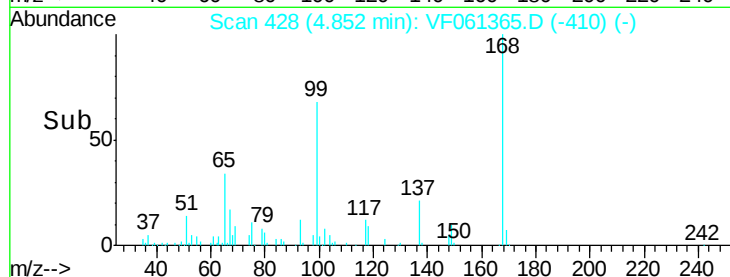


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

Time-->



#16

Acetone

Concen: 81.568 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061365.D

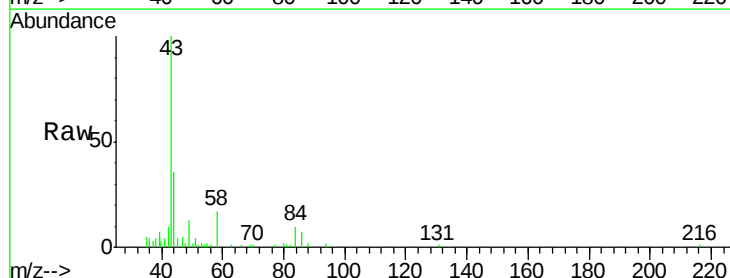
Acq: 11 Jan 2019 13:47

Tgt Ion: 43 Resp: 27214

Ion Ratio Lower Upper

43 100

58 17.1 16.6 25.0

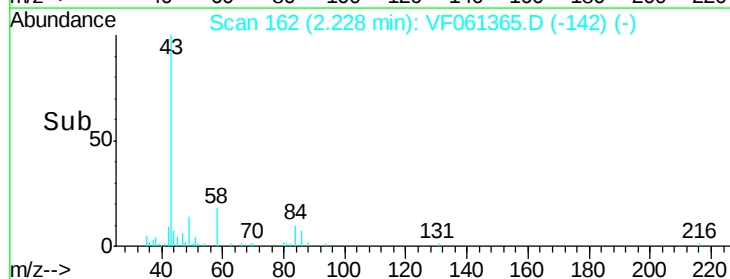


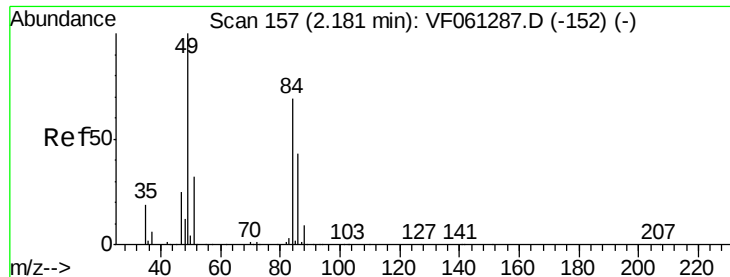
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

Time-->

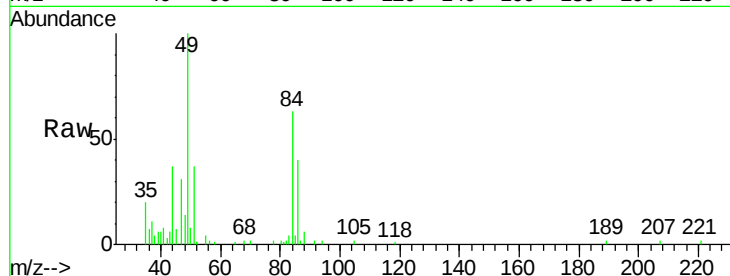




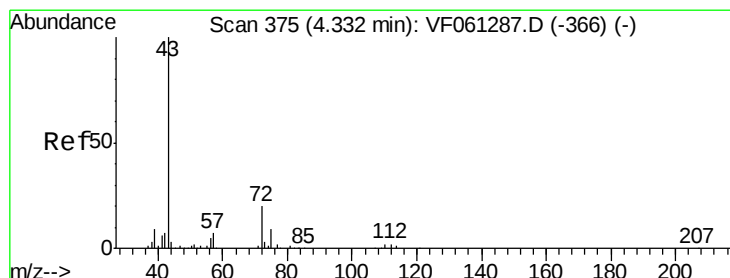
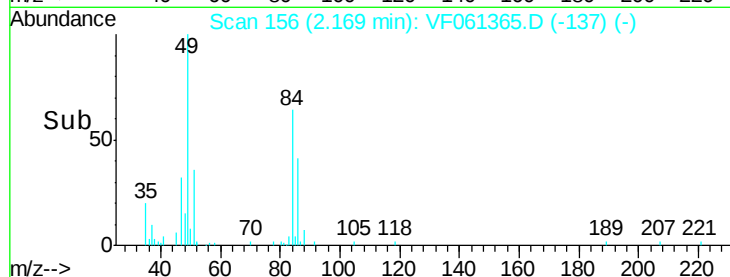
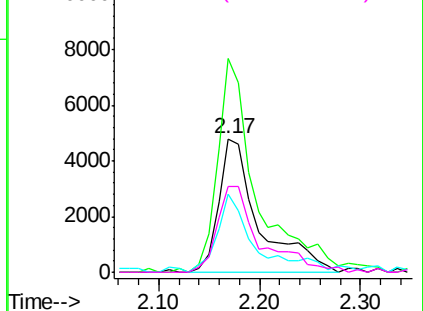
#20
Methvlene Chloride
Concen: 9.428 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061365.D
Acq: 11 Jan 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
TP-21RE

Tot Ion: 84 Resp: 13307
Ion Ratio Lower Upper
84 100
49 160.0 116.6 175.0
51 58.5 37.7 56.5#
86 64.1 49.8 74.8

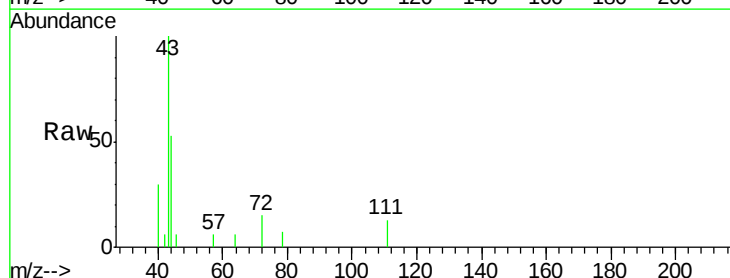


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

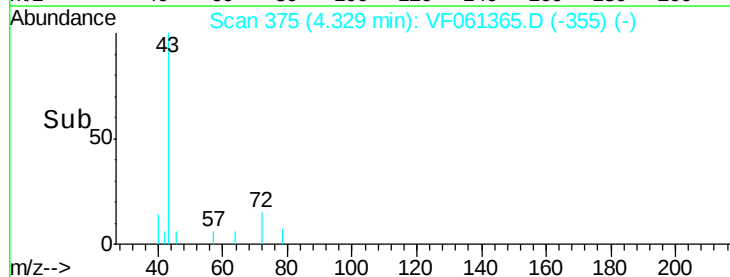
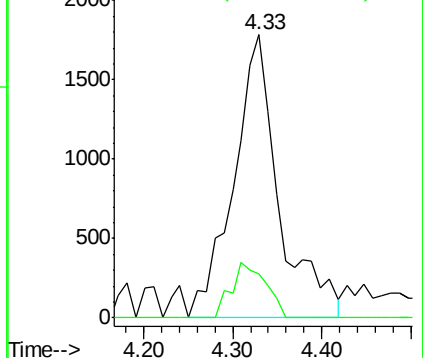


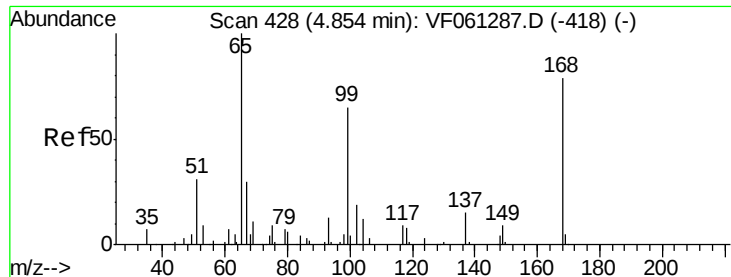
#25
2-Butanone
Concen: 11.807 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.00 min
Lab File: VF061365.D
Acq: 11 Jan 2019 13:47

Tgt Ion: 43 Resp: 6340
Ion Ratio Lower Upper
43 100
72 15.4 16.5 24.7#



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: 66.222 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061365.D

Acq: 11 Jan 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

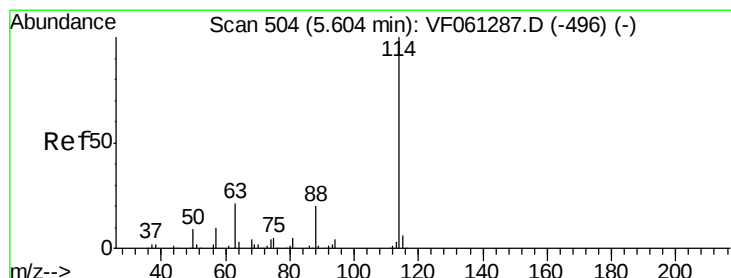
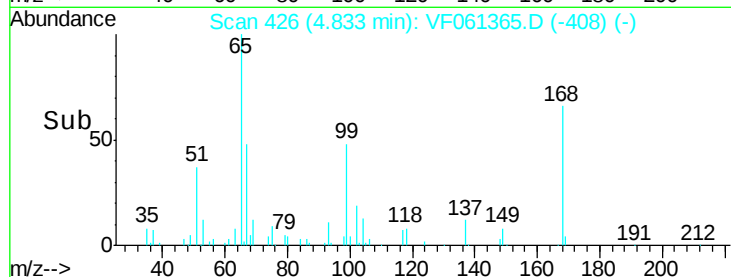
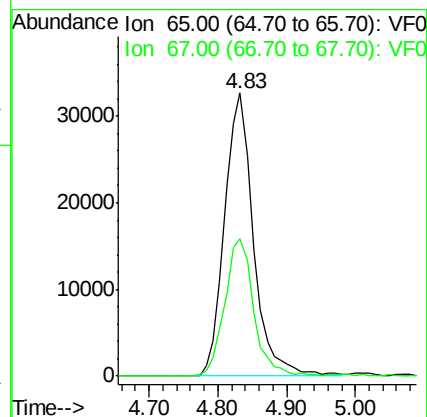
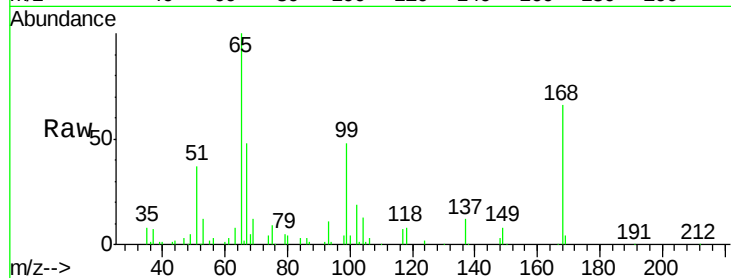
TP-21RE

Tot Ion: 65 Resp: 94978

Ion Ratio Lower Upper

65 100

67 48.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061365.D

Acq: 11 Jan 2019 13:47

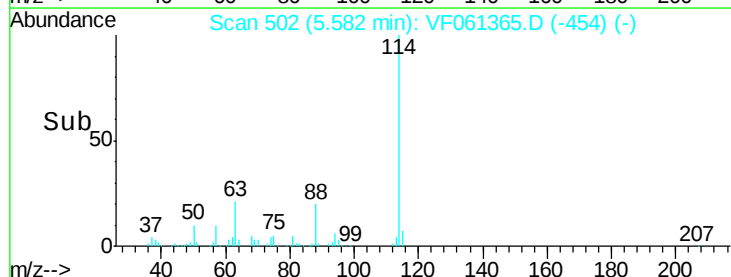
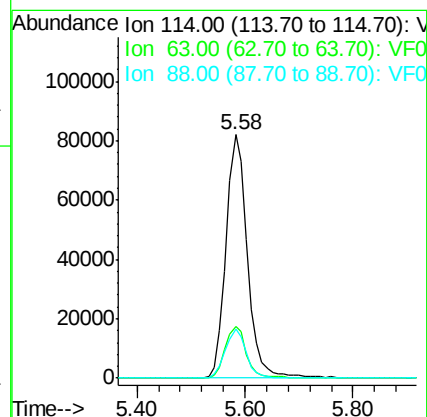
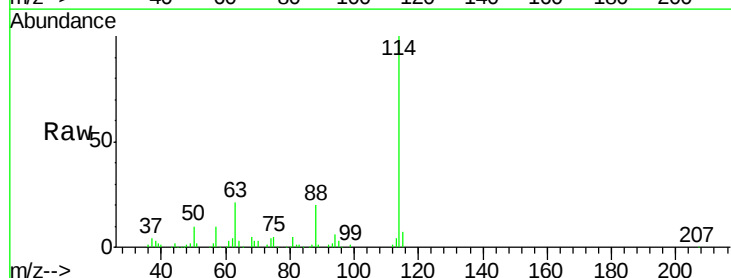
Tgt Ion: 114 Resp: 224378

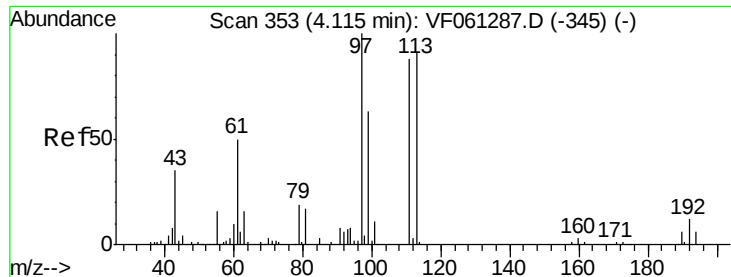
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 19.9 0.0 40.0

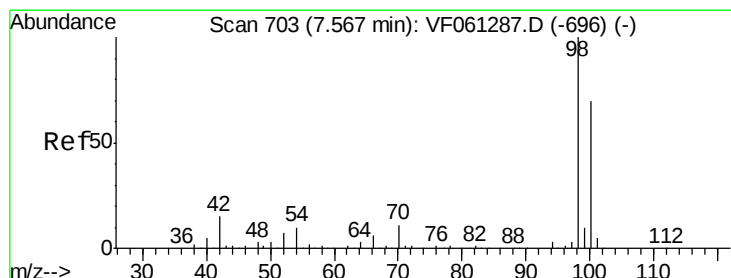
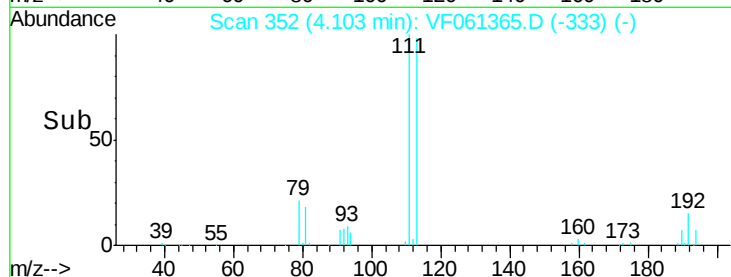
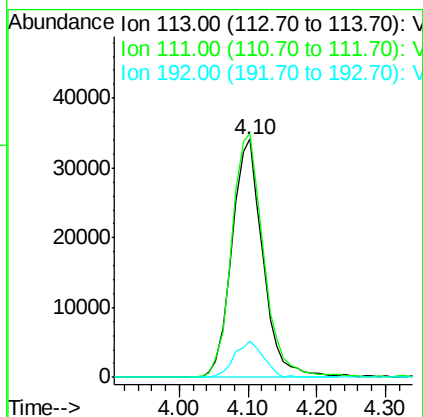
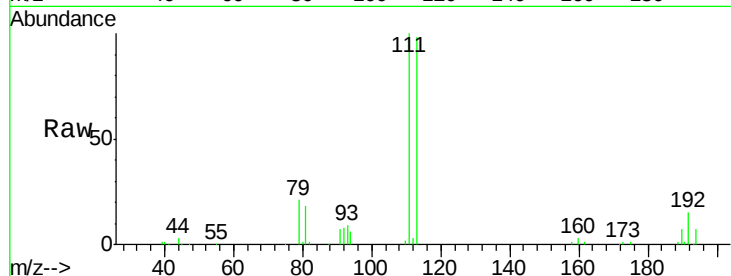




#35
Dibromofluoromethane
Concen: 61.811 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061365.D
Acq: 11 Jan 2019 13:47

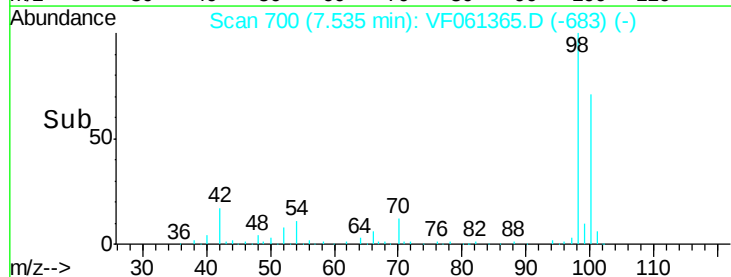
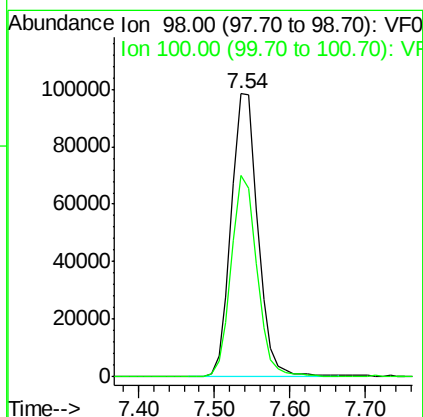
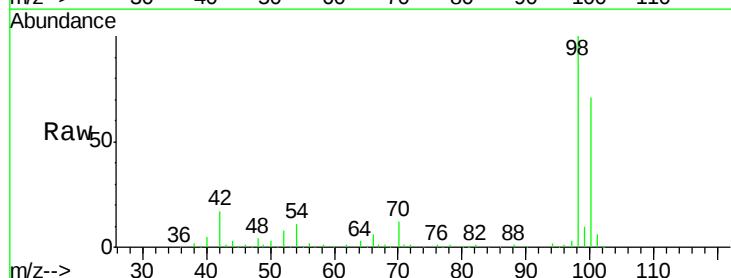
Instrument :
MSVOA_F
ClientSampleId :
TP-21RE

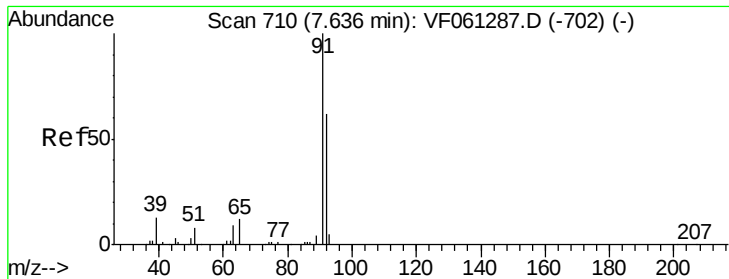
Tot Ion:113 Resp: 106121
Ion Ratio Lower Upper
113 100
111 102.1 78.0 117.0
192 15.4 10.6 16.0



#50
Toluene-d8
Concen: 47.387 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061365.D
Acq: 11 Jan 2019 13:47

Tgt Ion: 98 Resp: 240755
Ion Ratio Lower Upper
98 100
100 71.1 55.6 83.4





#52

Toluene

Concen: 2.208 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF061365.D

Acq: 11 Jan 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

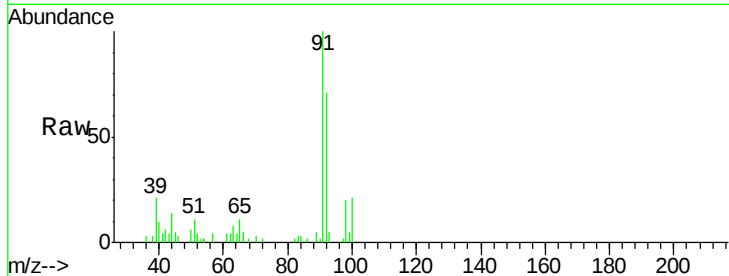
TP-21RE

Tot Ion: 92 Resp: 8680

Ion Ratio Lower Upper

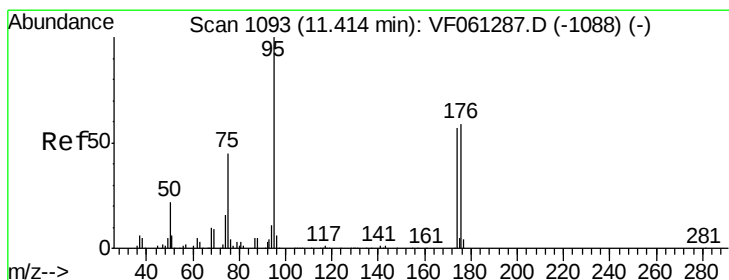
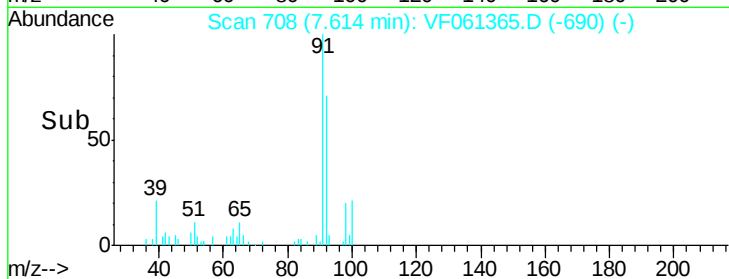
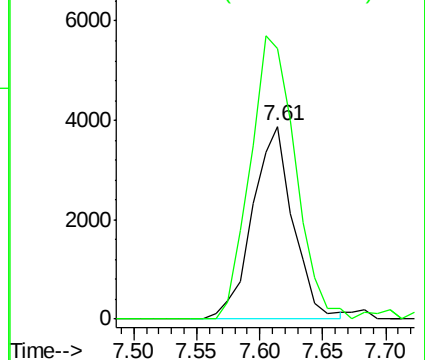
92 100

91 140.3 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 35.841 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061365.D

Acq: 11 Jan 2019 13:47

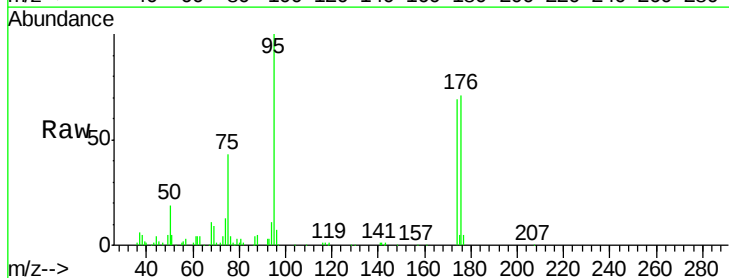
Tgt Ion: 95 Resp: 79514

Ion Ratio Lower Upper

95 100

174 69.4 0.0 114.2

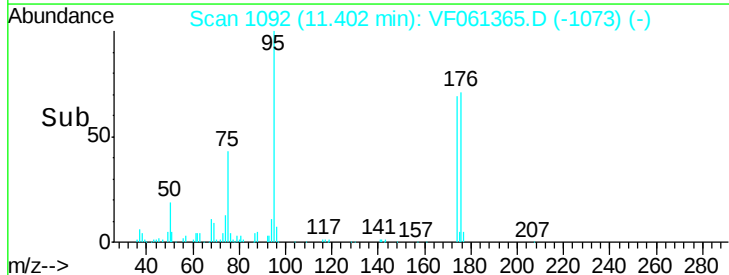
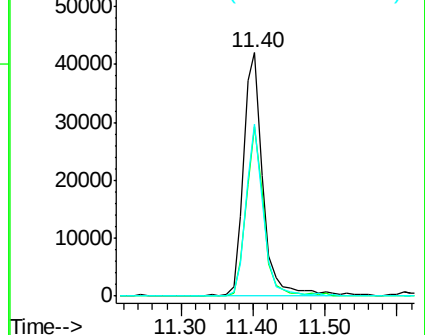
176 70.6 0.0 117.8

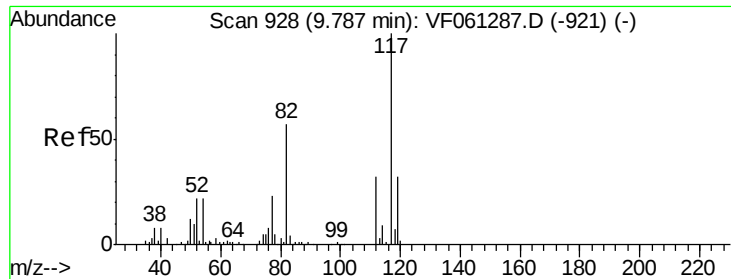


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

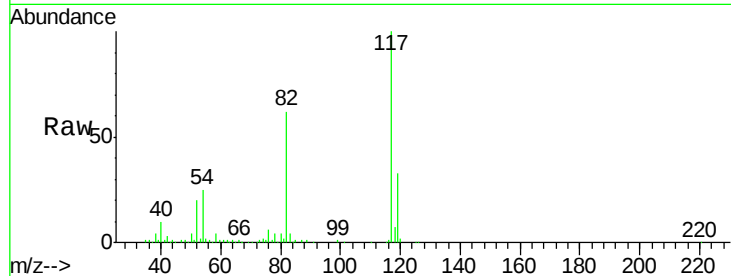




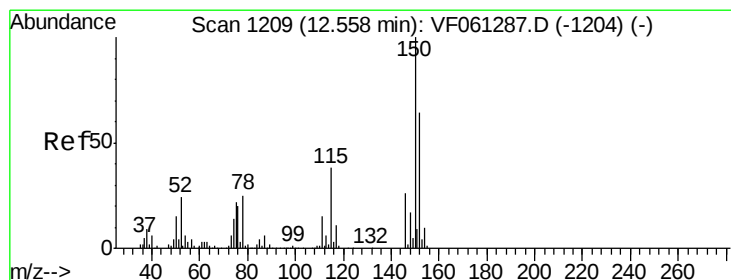
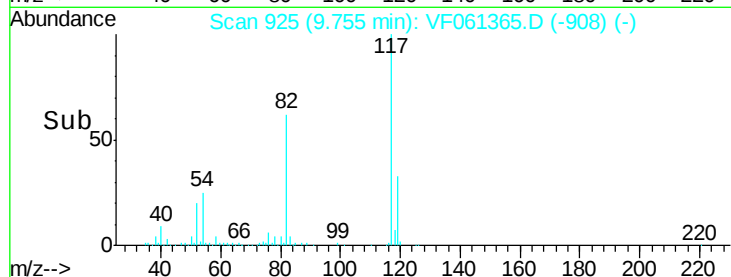
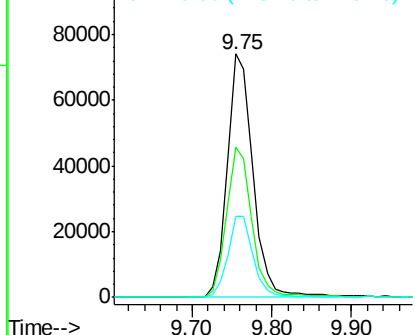
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061365.D
Acq: 11 Jan 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
TP-21RE

Tot Ion:117 Resp: 168621
Ion Ratio Lower Upper
117 100
82 61.6 45.3 67.9
119 33.3 25.4 38.0

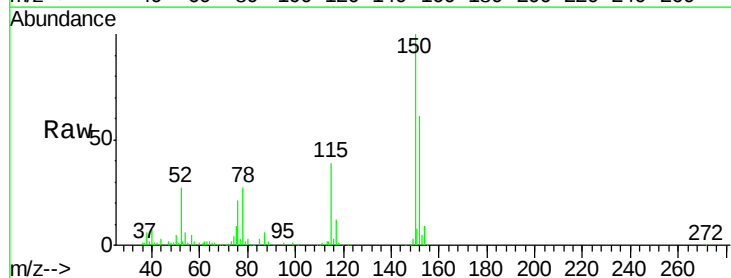


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061365.D
Acq: 11 Jan 2019 13:47

Tgt Ion:152 Resp: 49517
Ion Ratio Lower Upper
152 100
115 63.7 29.6 88.9
150 163.8 0.0 315.4



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

