

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061876.D
 Acq On : 8 Mar 2019 21:39
 Operator : VA/AP
 Sample : K1807-23
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-17

Quant Time: Mar 09 00:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

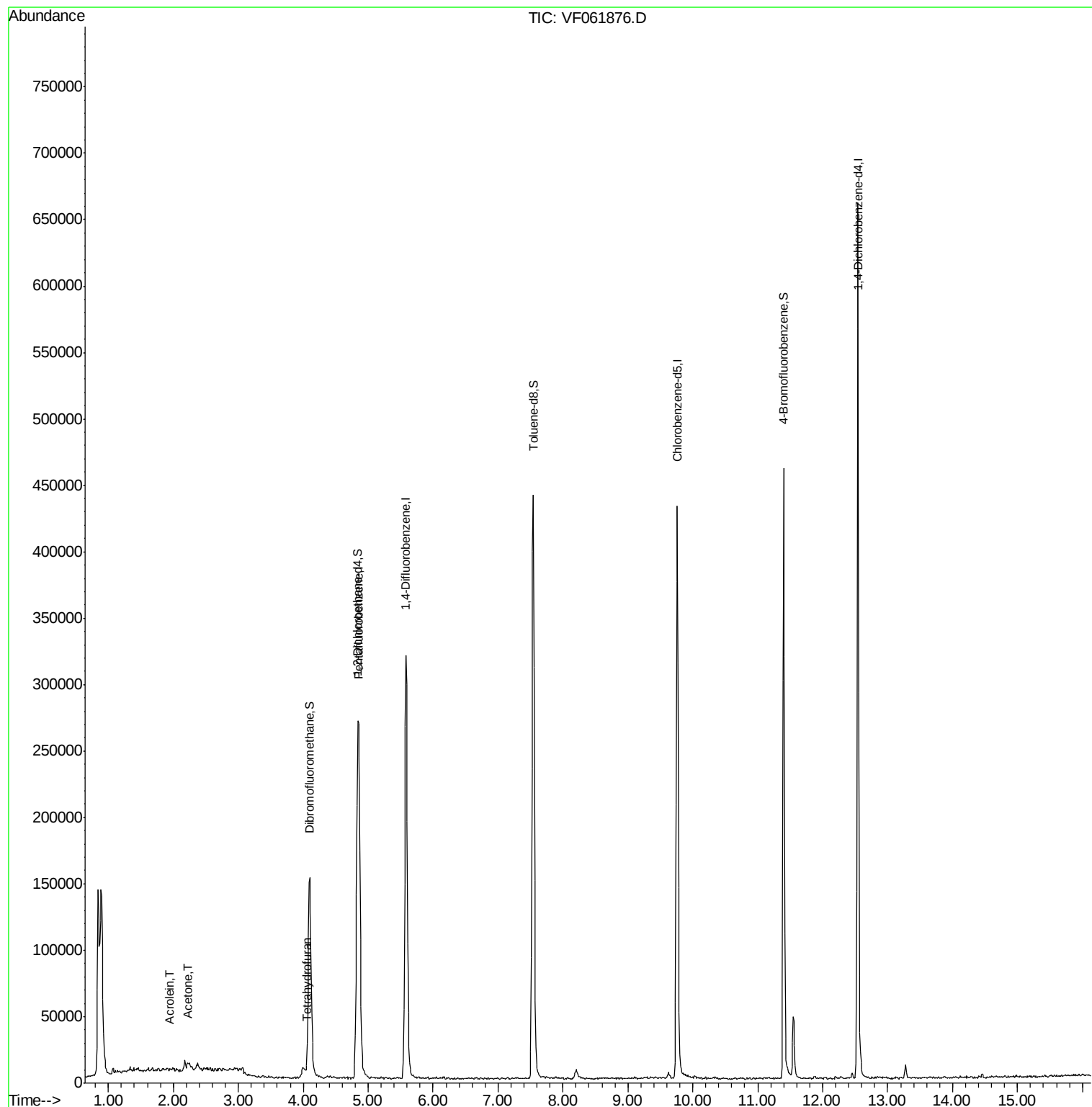
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	245542	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	397491	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	352944	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	197068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	107749	60.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	120.52%	
35) Dibromofluoromethane	4.10	113	157173	56.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.32%	
50) Toluene-d8	7.54	98	395089	47.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.40	95	173892	53.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.68%	
Target Compounds						
					Qvalue	
13) Acrolein	1.94	56	289	2.247	ug/l	99
16) Acetone	2.22	43	2084	5.564	ug/l #	50
18) Methyl Acetate	2.38	43	2614	Below Cal	#	62
20) Methylene Chloride	2.17	84	2793	Below Cal	#	85
29) Tetrahydrofuran	4.04	42	651	1.981	ug/l #	33

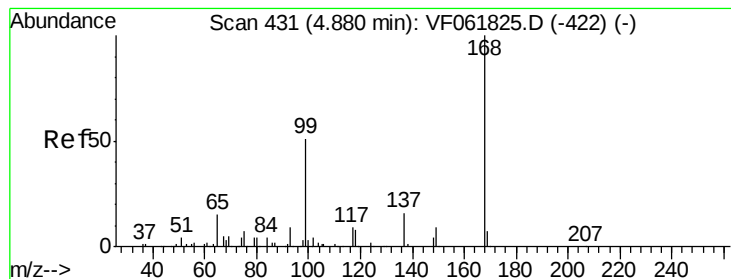
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061876.D

Acq: 8 Mar 2019 21:39

Instrument :

MSVOA_F

ClientSampled :

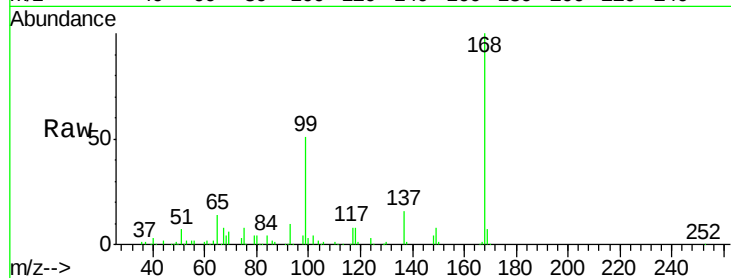
TP-17

Tot Ion:168 Resp: 245542

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

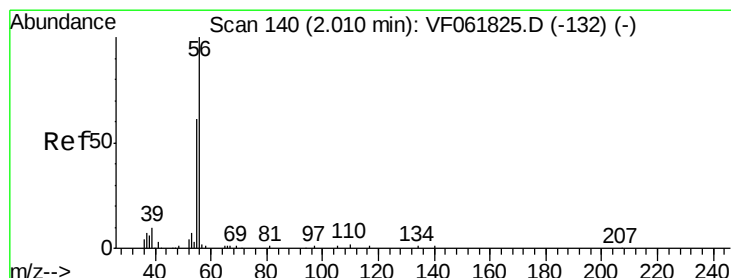
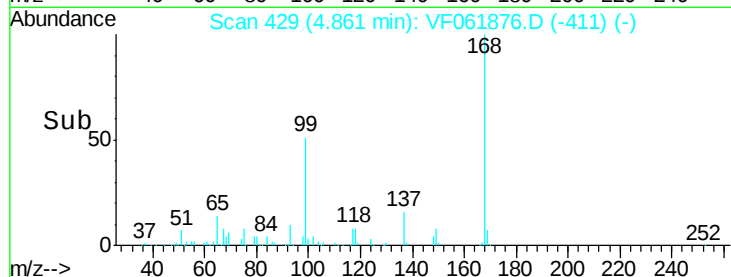
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#13

Acrolein

Concen: 2.247 ug/l

RT: 1.94 min Scan# 133

Delta R.T. -0.07 min

Lab File: VF061876.D

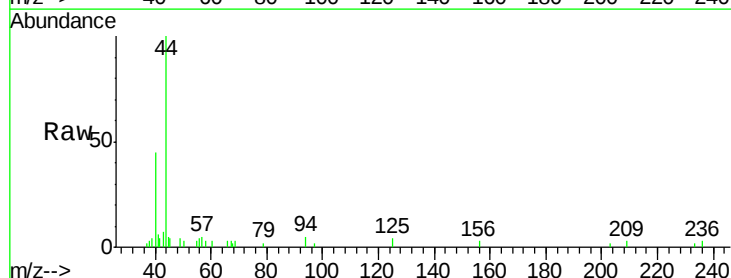
Acq: 8 Mar 2019 21:39

Tgt Ion: 56 Resp: 289

Ion Ratio Lower Upper

56 100

55 63.0 51.3 76.9



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

1.94

300

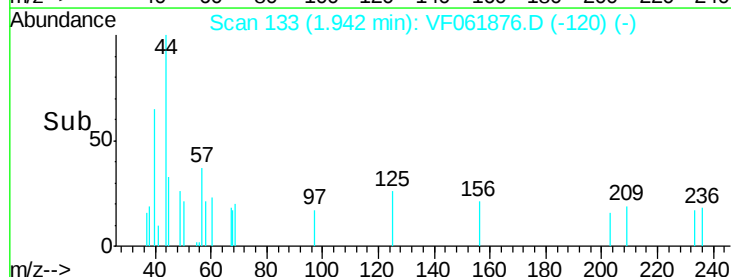
200

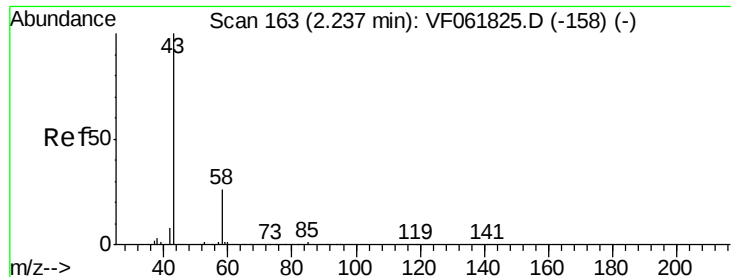
100

0

1.92 1.94 1.96 1.98

Time-->





#16

Acetone

Concen: 5.564 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.02 min

Lab File: VF061876.D

Acq: 8 Mar 2019 21:39

Instrument :

MSVOA_F

ClientSampleID :

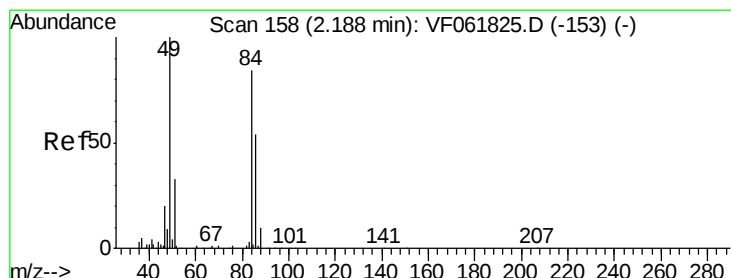
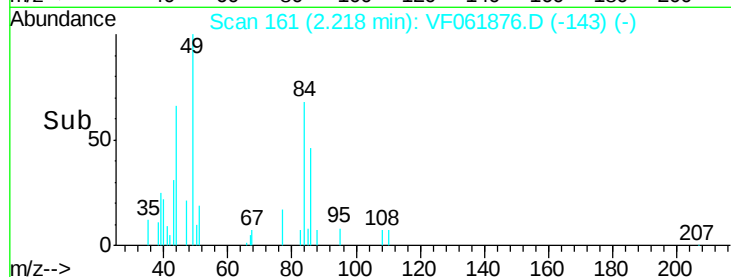
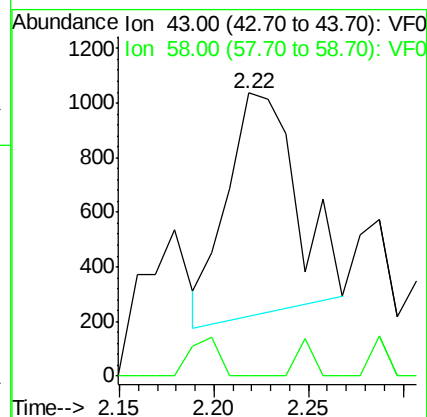
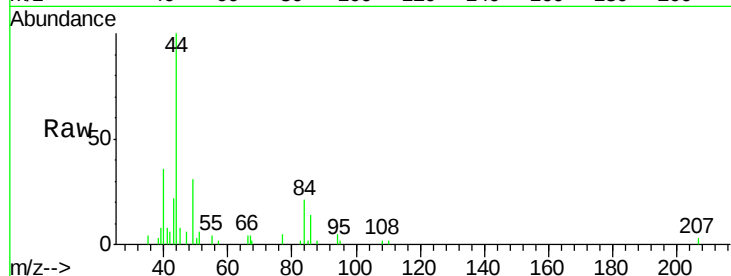
TP-17

Tot Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

58 0.0 20.3 30.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061876.D

Acq: 8 Mar 2019 21:39

Tgt Ion: 84 Resp: 2793

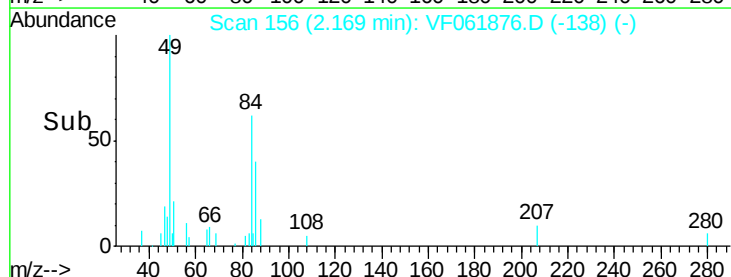
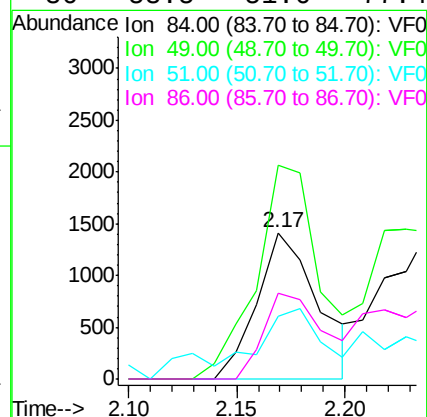
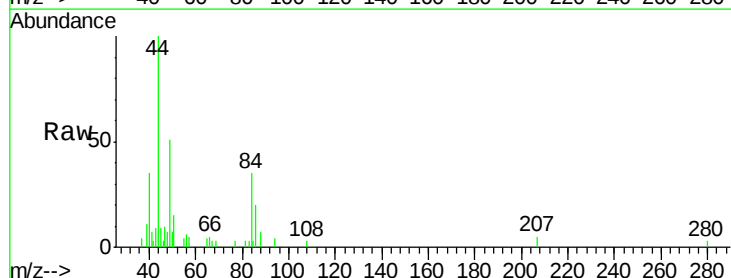
Ion Ratio Lower Upper

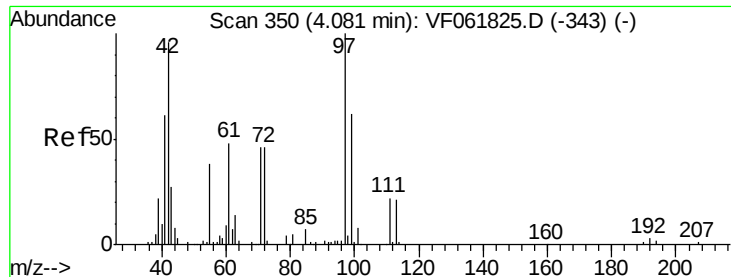
84 100

49 146.2 96.8 145.2#

51 42.8 31.8 47.6

86 58.5 51.6 77.4

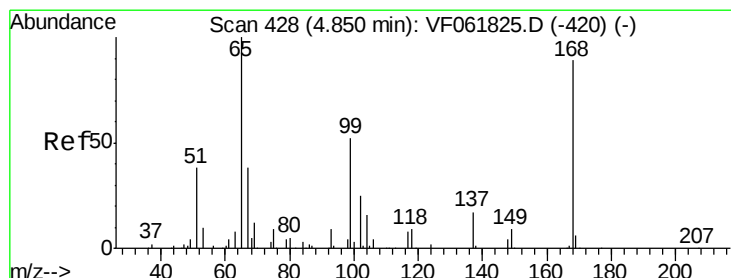
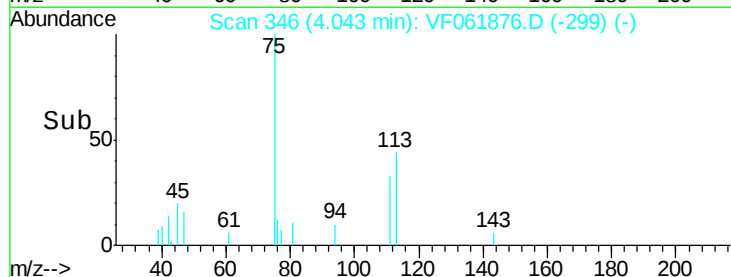
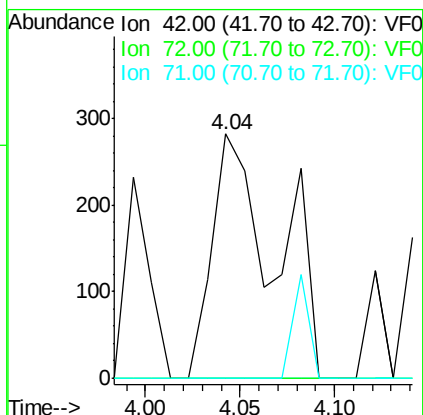
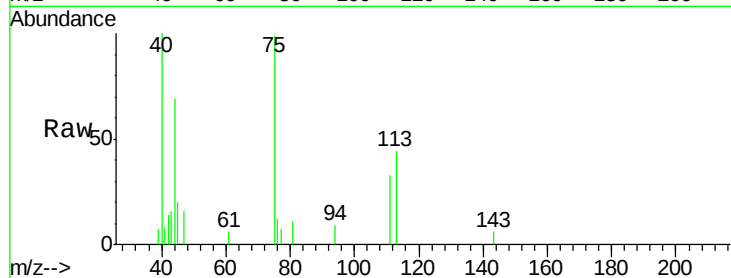




#29
Tetrahydrofuran
Concen: 1.981 ug/l
RT: 4.04 min Scan# 346
Delta R.T. -0.04 min
Lab File: VF061876.D
Acq: 8 Mar 2019 21:39

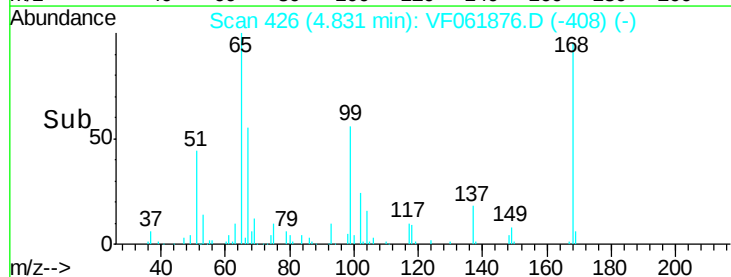
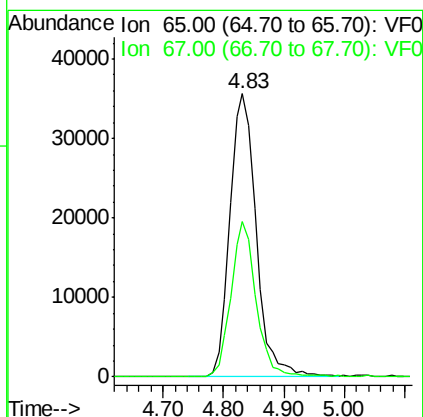
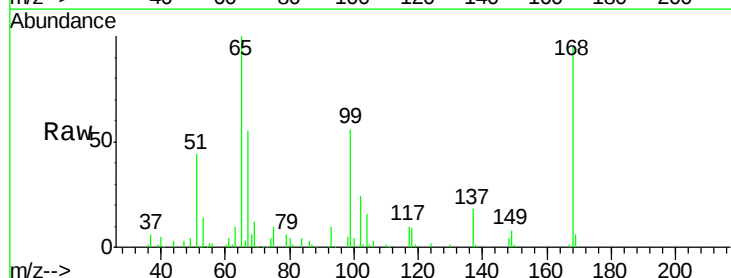
Instrument :
MSVOA_F
ClientSampled :
TP-17

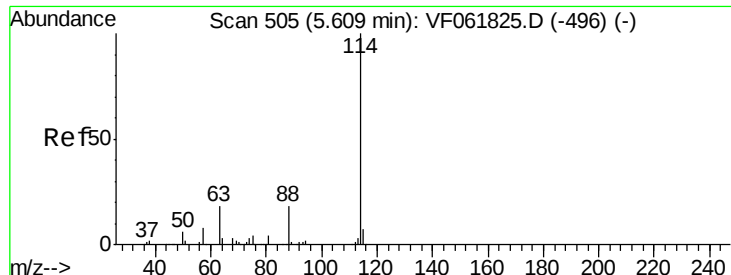
Tot Ion: 42 Resp: 651
Ion Ratio Lower Upper
42 100
72 0.0 34.4 51.6#
71 0.0 34.6 52.0#



#33
1,2-Dichloroethane-d4
Concen: 60.257 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061876.D
Acq: 8 Mar 2019 21:39

Tgt Ion: 65 Resp: 107749
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.6

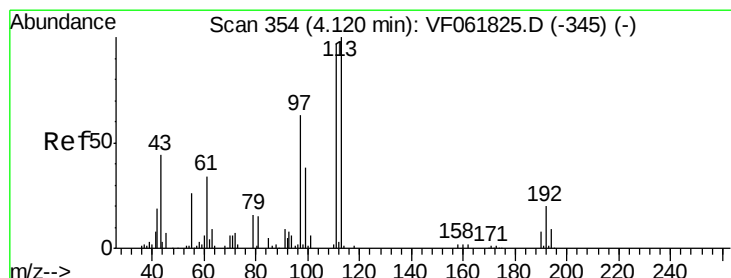
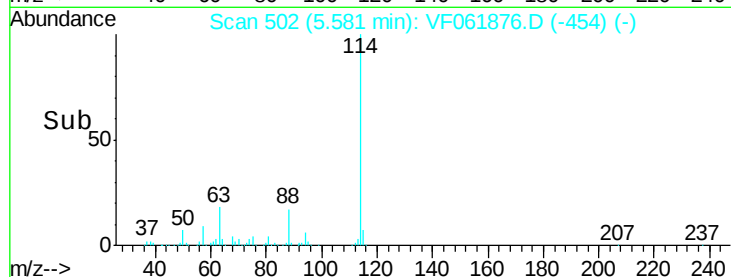
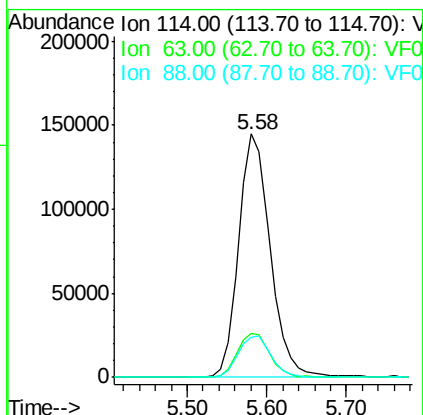
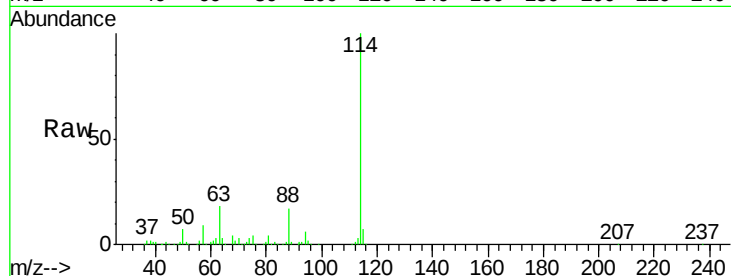




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061876.D
 Acq: 8 Mar 2019 21:39

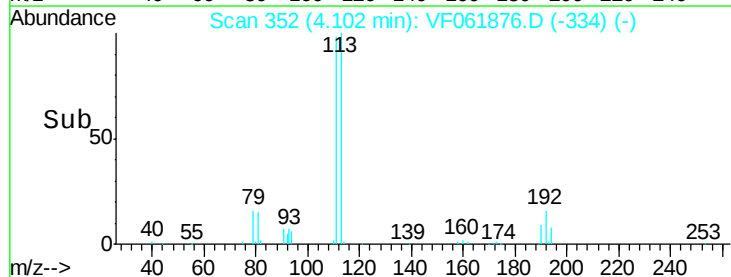
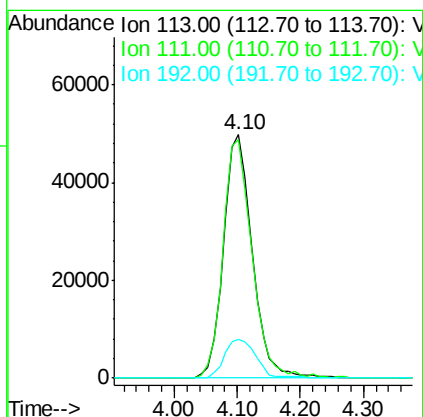
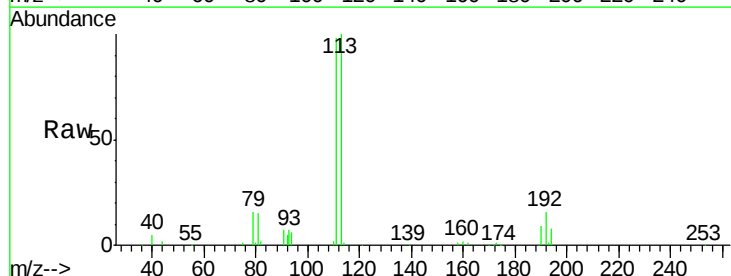
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-17

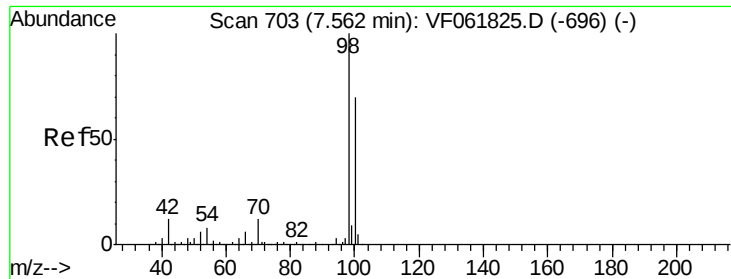
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	16.6	0.0	35.6



#35
 Dibromofluoromethane
 Concen: 56.660 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061876.D
 Acq: 8 Mar 2019 21:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.8	77.6	116.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 47.918 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061876.D

Acq: 8 Mar 2019 21:39

Instrument :

MSVOA_F

ClientSampleId :

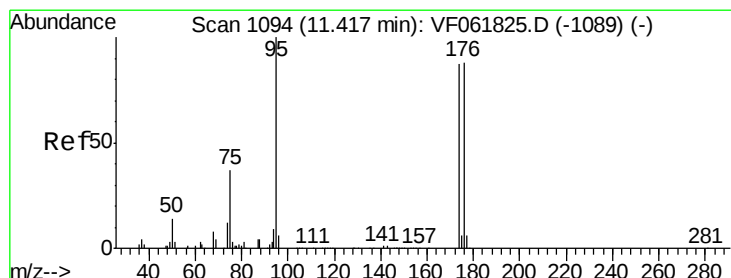
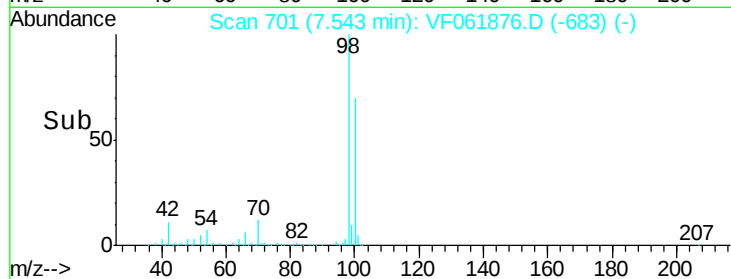
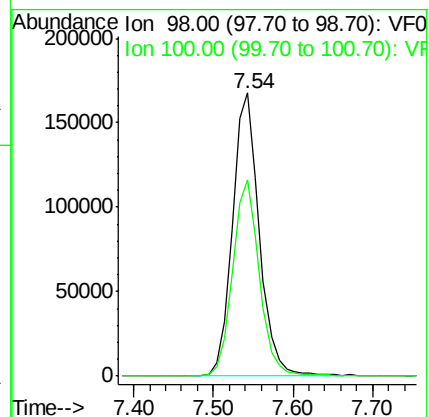
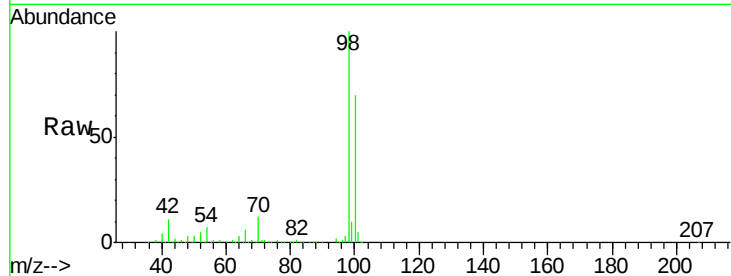
TP-17

Tot Ion: 98 Resp: 395089

Ion Ratio Lower Upper

98 100

100 69.5 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 53.840 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061876.D

Acq: 8 Mar 2019 21:39

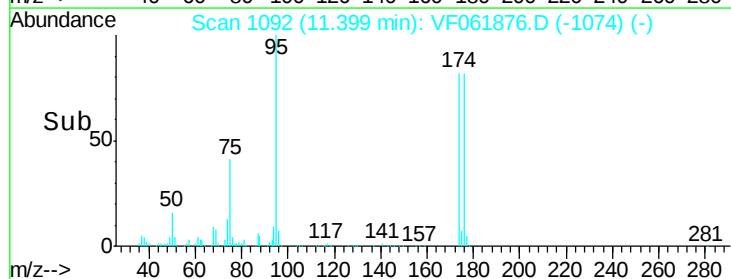
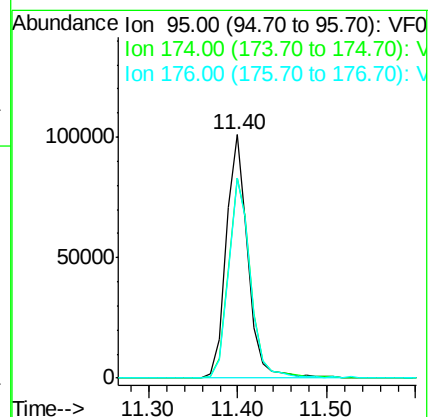
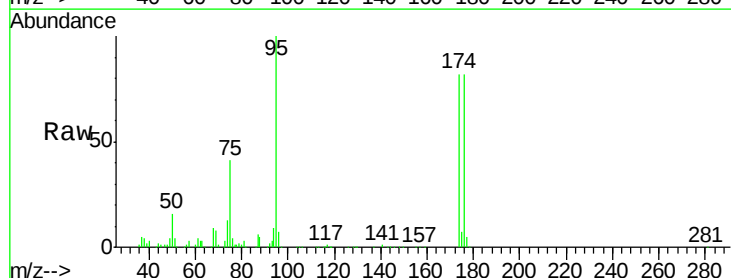
Tgt Ion: 95 Resp: 173892

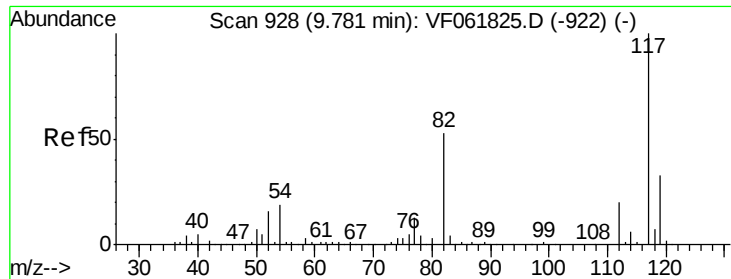
Ion Ratio Lower Upper

95 100

174 82.4 0.0 174.0

176 82.2 0.0 175.2

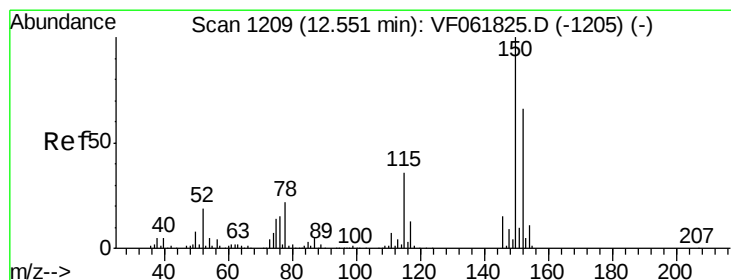
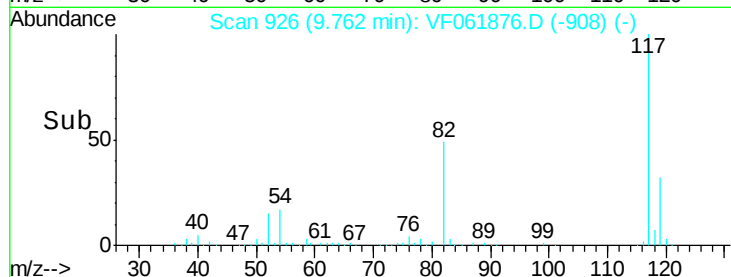
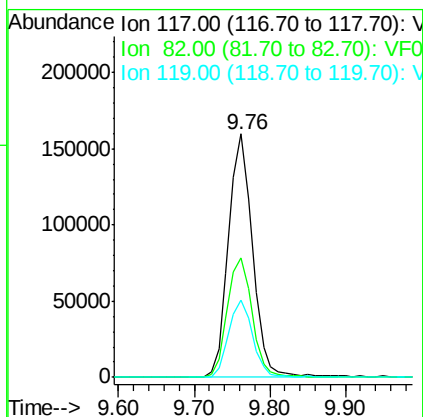
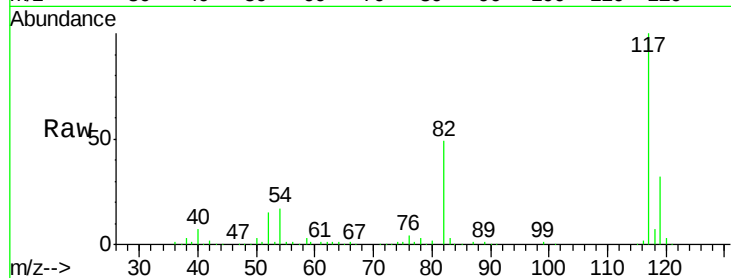




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.76 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: VF061876.D
 Acq: 8 Mar 2019 21:39

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-17

Tot Ion:117 Resp: 352944
 Ion Ratio Lower Upper
 117 100
 82 49.1 42.6 63.8
 119 31.9 26.0 39.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: VF061876.D
 Acq: 8 Mar 2019 21:39

Tgt Ion:152 Resp: 197068
 Ion Ratio Lower Upper
 152 100
 115 50.5 27.7 83.1
 150 149.4 0.0 304.2

