

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056653.D
 Acq On : 23 Feb 2018 13:48
 Operator : JC/SY
 Sample : J1652-04
 Misc : 5.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-2898

Quant Time: Feb 24 00:45:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 21 08:56:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.80	168	429944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.52	114	627850	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.69	117	579127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	249718	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.76	65	224489	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	4.03	113	226670	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	7.48	98	628816	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.33	95	271818	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.44%	

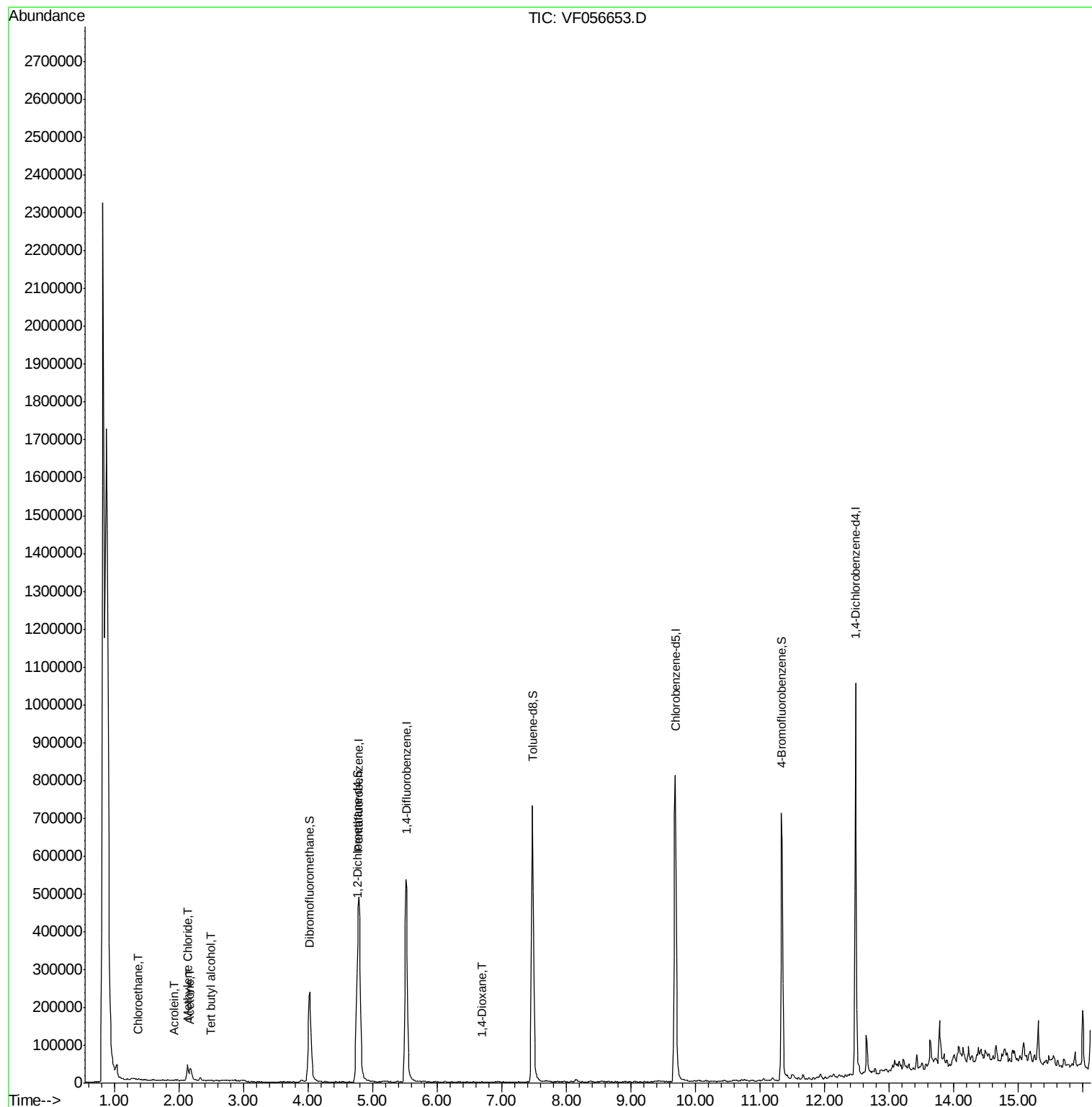
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.38	64	117	1.61	ug/l #	43
11) Tert butyl alcohol	2.50	59	507	1.45	ug/l #	67
13) Acrolein	1.93	56	485	1.29	ug/l	99
16) Acetone	2.18	43	41051	26.84	ug/l	95
18) Methyl Acetate	2.33	43	3833	Below Cal	#	64
20) Methylene Chloride	2.13	84	25729	8.84	ug/l #	77
28) Bromochloromethane	3.65	49	357	Below Cal	#	10
49) 1,4-Dioxane	6.70	88	86	2.20	ug/l #	26
89) n-Butylbenzene	12.77	91	4857	Below Cal		76

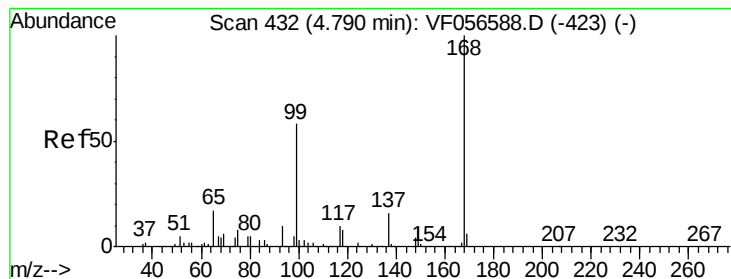
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056653.D
Acq On : 23 Feb 2018 13:48
Operator : JC/SY
Sample : J1652-04
Misc : 5.73g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RT-2898

Quant Time: Feb 24 00:45:49 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.80 min Scan# 432

Delta R.T. 0.01 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

Instrument :

MSVOA_F

ClientSampleId :

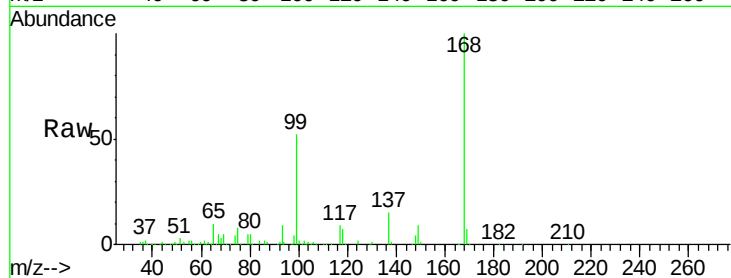
RT-2898

Tgt Ion:168 Resp: 429944

Ion Ratio Lower Upper

168 100

99 51.6 46.2 69.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

150000

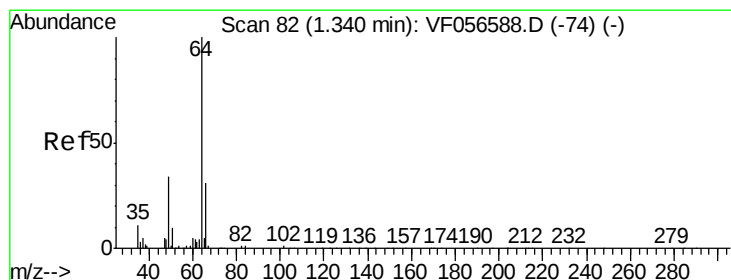
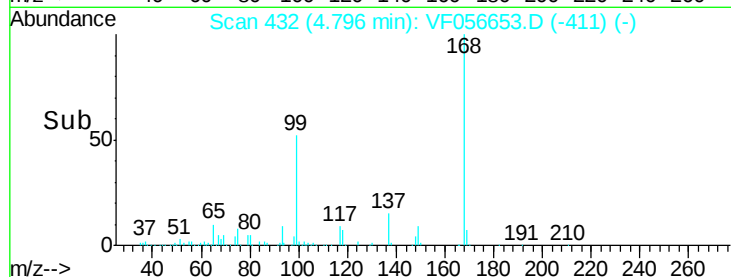
100000

50000

0

4.60 4.70 4.80 4.90 5.00

Time-->



#6

Chloroethane

Concen: 1.61 ug/l

RT: 1.38 min Scan# 85

Delta R.T. 0.04 min

Lab File: VF056653.D

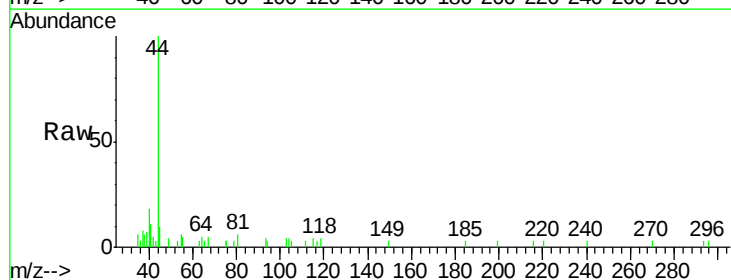
Acq: 23 Feb 2018 13:48

Tgt Ion: 64 Resp: 117

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

200

150

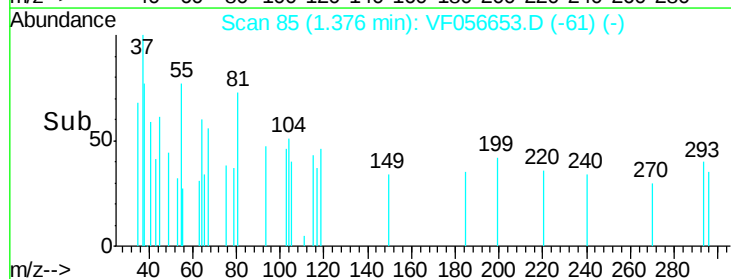
100

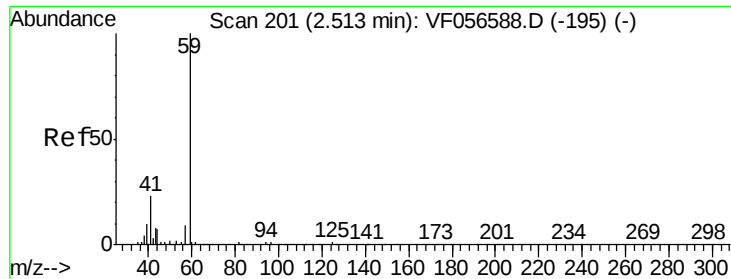
50

0

1.34 1.36 1.38 1.40

Time-->

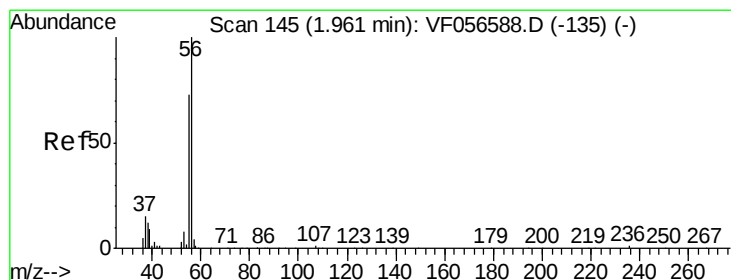
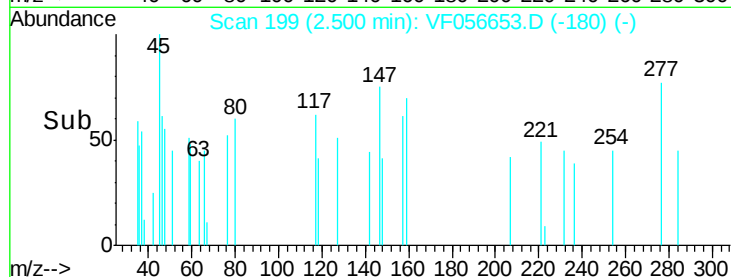
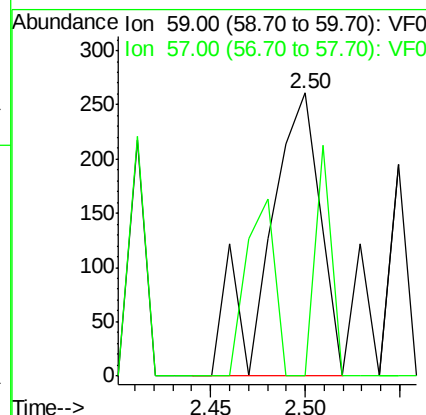
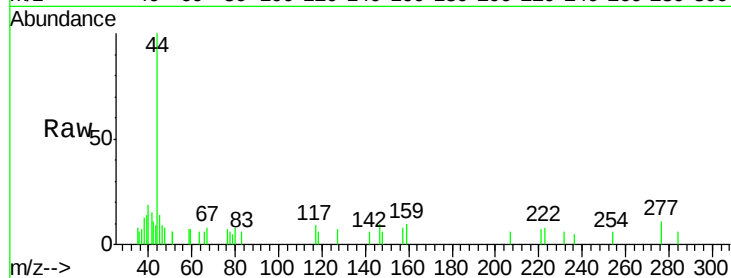




#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 2.50 min Scan# 199
Delta R.T. -0.01 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

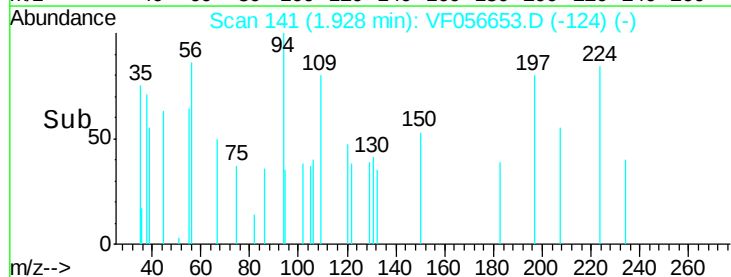
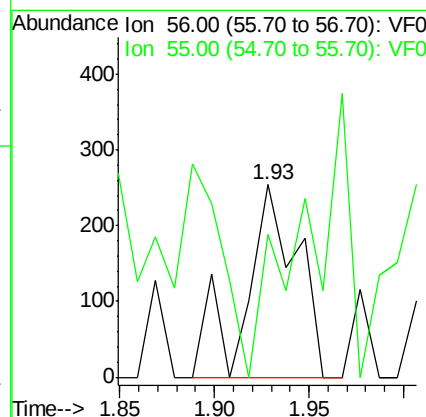
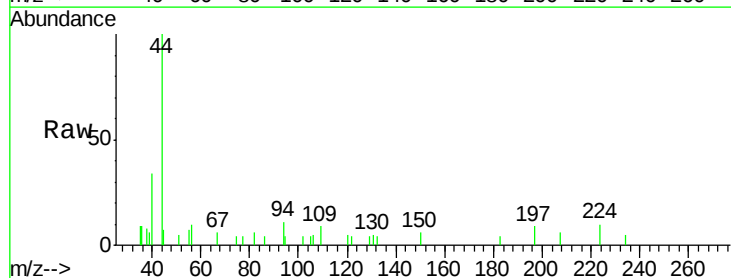
Instrument :
MSVOA_F
ClientSampled :
RT-2898

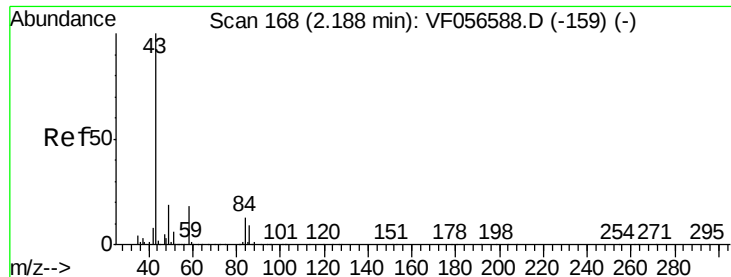
Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 10.3 15.5#



#13
Acrolein
Concen: 1.29 ug/l
RT: 1.93 min Scan# 141
Delta R.T. -0.03 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
55 74.4 58.6 88.0





#16

Acetone

Concen: 26.84 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.00 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

Instrument :

MSVOA_F

ClientSampleId :

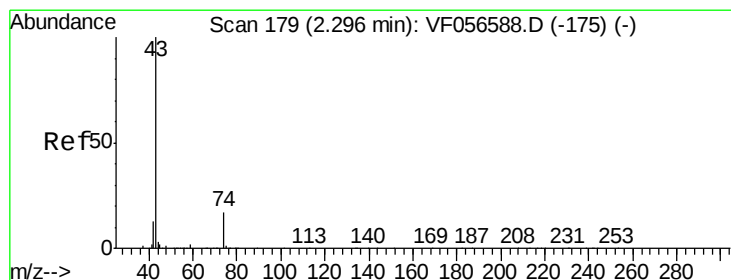
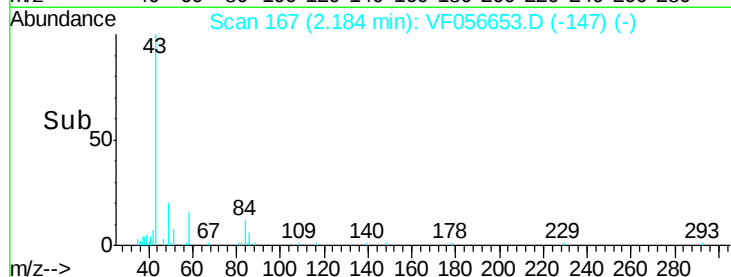
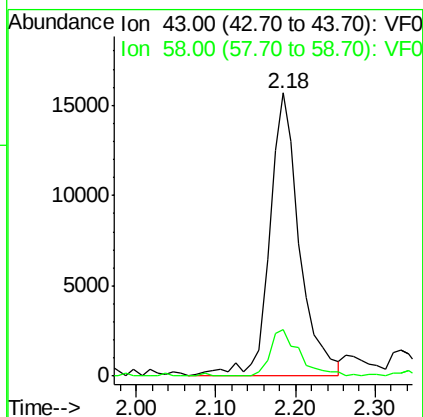
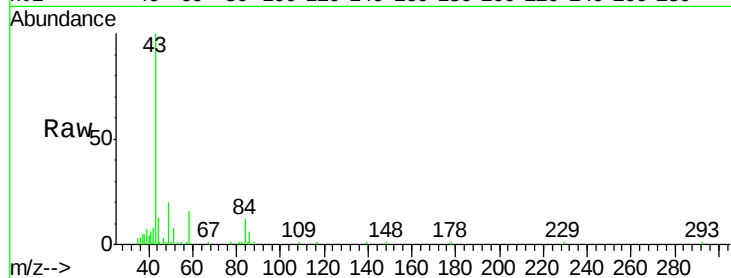
RT-2898

Tgt Ion: 43 Resp: 41051

Ion Ratio Lower Upper

43 100

58 16.2 14.7 22.1



#18

Methyl Acetate

Concen: Below Cal

RT: 2.33 min Scan# 182

Delta R.T. 0.04 min

Lab File: VF056653.D

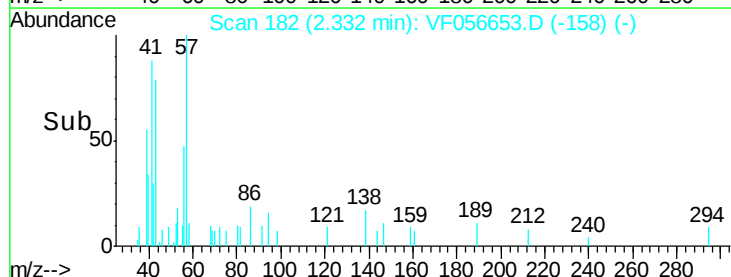
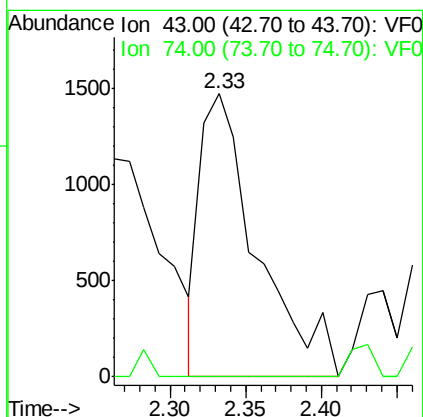
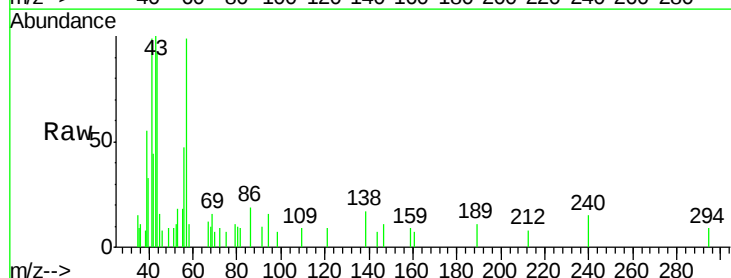
Acq: 23 Feb 2018 13:48

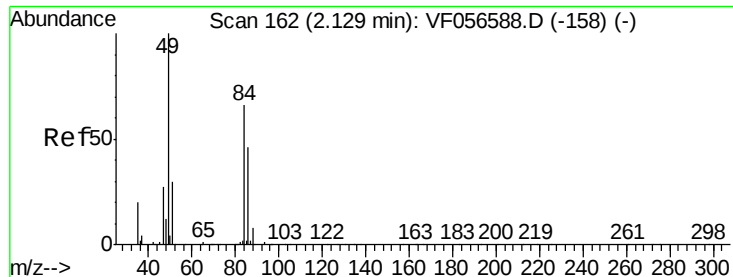
Tgt Ion: 43 Resp: 3833

Ion Ratio Lower Upper

43 100

74 0.0 12.0 18.0#

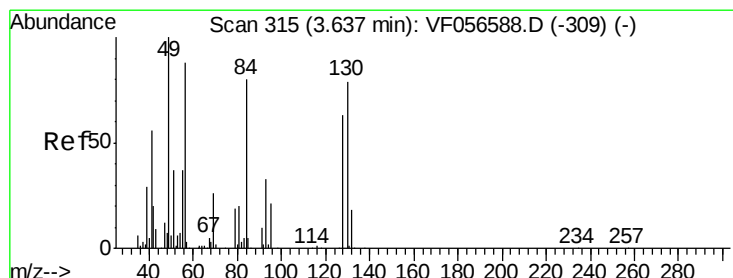
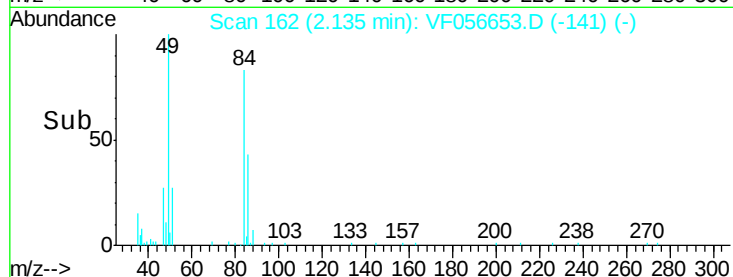
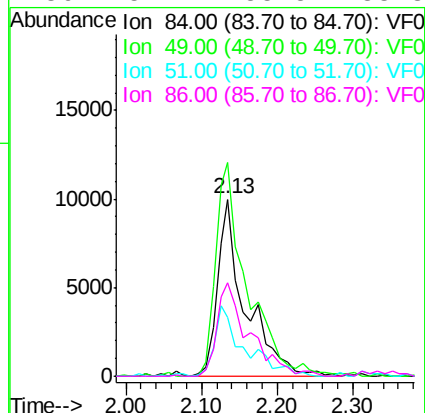
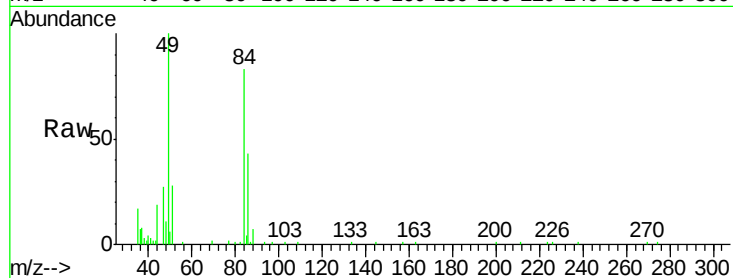




#20
Methylene Chloride
Concen: 8.84 ug/l
RT: 2.13 min Scan# 162
Delta R.T. 0.01 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

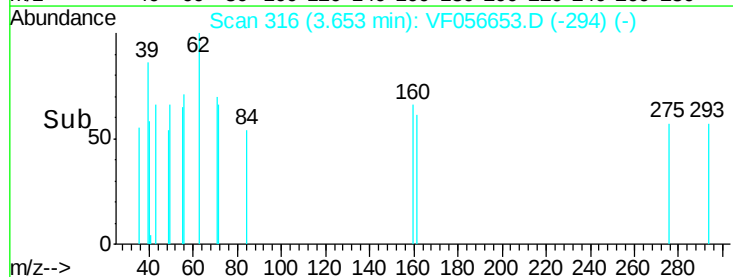
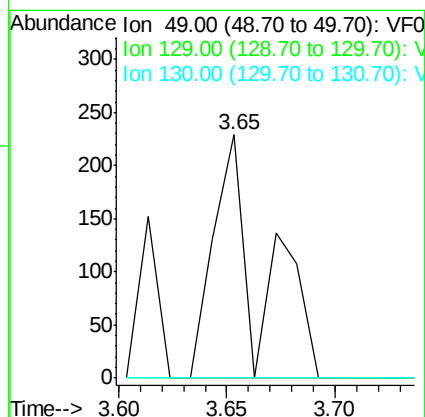
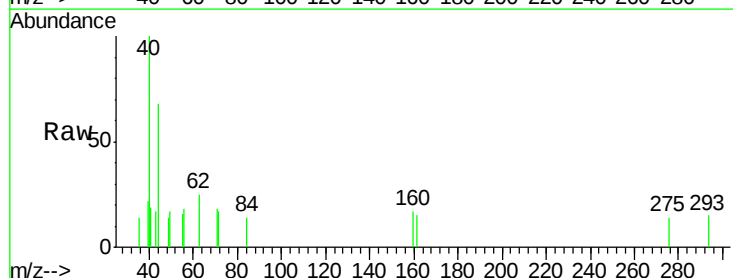
Instrument :
MSVOA_F
ClientSampleId :
RT-2898

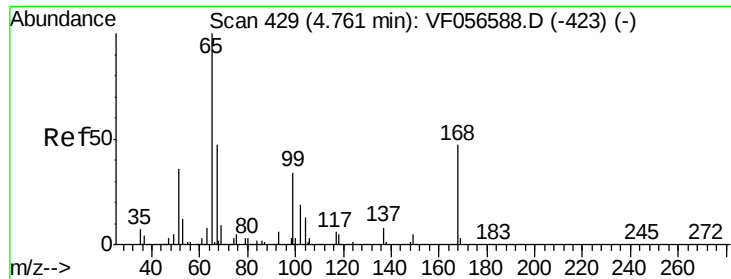
Tgt Ion: 84 Resp: 25729
Ion Ratio Lower Upper
84 100
49 120.5 121.4 182.0#
51 33.3 37.1 55.7#
86 52.4 55.5 83.3#



#28
Bromochloromethane
Concen: Below Cal
RT: 3.65 min Scan# 316
Delta R.T. 0.02 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

Tgt Ion: 49 Resp: 357
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 0.0 63.4 95.0#





#33

1,2-Dichloroethane-d4

Concen: 43.19 ug/l

RT: 4.76 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

Instrument :

MSVOA_F

ClientSampleId :

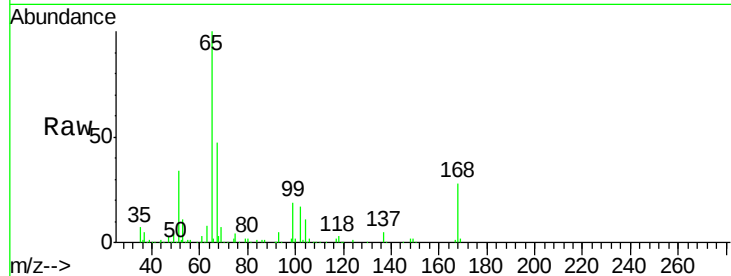
RT-2898

Tgt Ion: 65 Resp: 224489

Ion Ratio Lower Upper

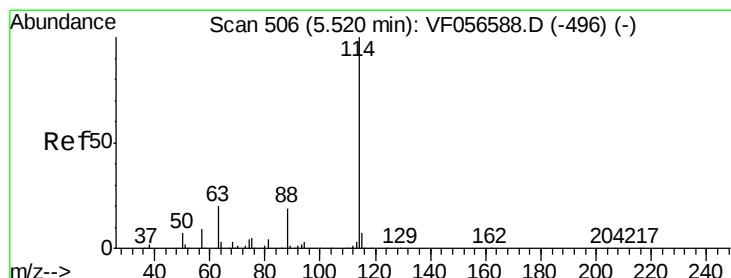
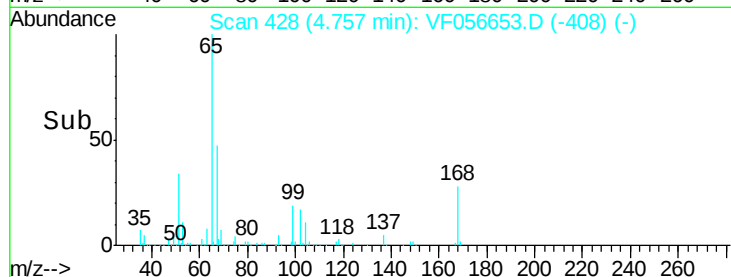
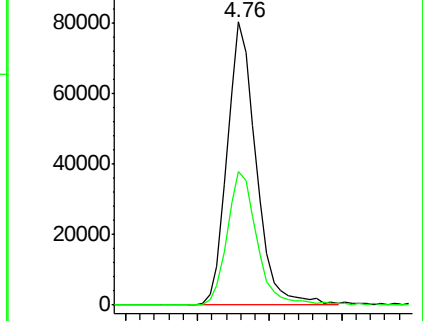
65 100

67 47.2 0.0 103.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.52 min Scan# 505

Delta R.T. -0.00 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

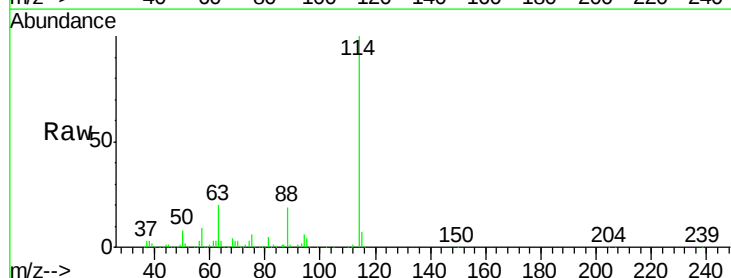
Tgt Ion: 114 Resp: 627850

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

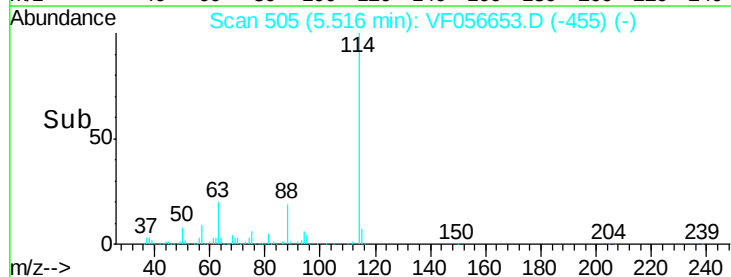
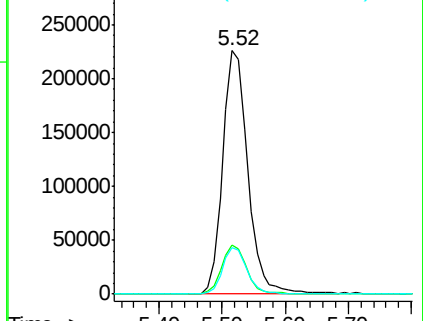
88 19.0 0.0 37.8

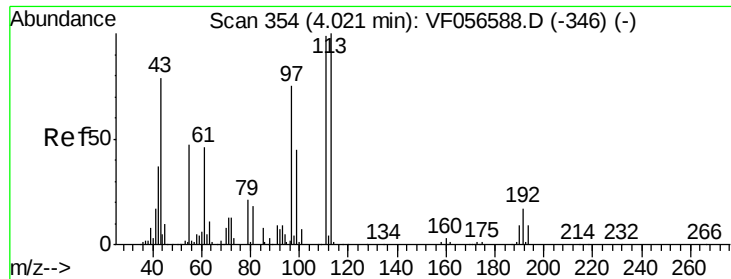


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 48.00 ug/l

RT: 4.03 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

Instrument :

MSVOA_F

ClientSampled :

RT-2898

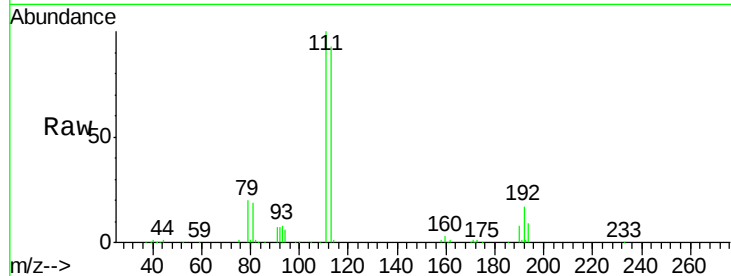
Tgt Ion: 113 Resp: 226670

Ion Ratio Lower Upper

113 100

111 107.0 79.1 118.7

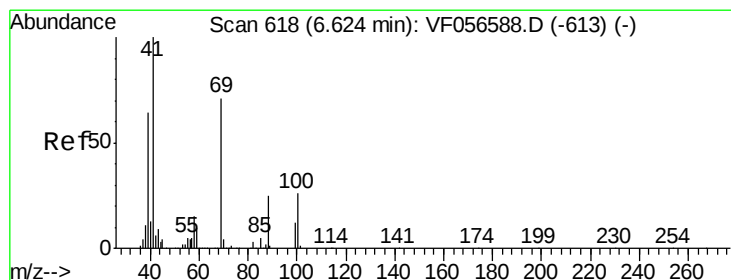
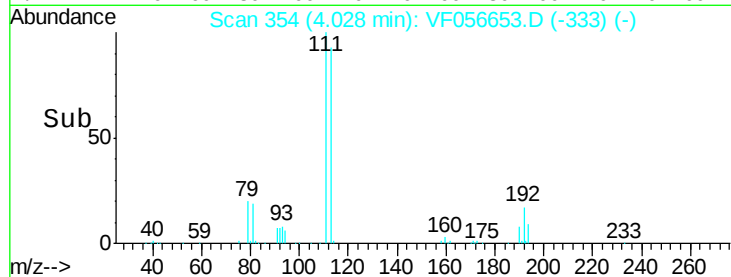
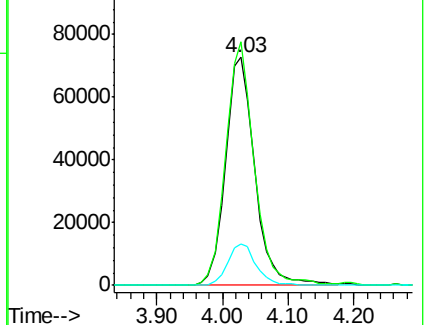
192 18.0 13.9 20.9



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



#49

1,4-Dioxane

Concen: 2.20 ug/l

RT: 6.70 min Scan# 625

Delta R.T. 0.08 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

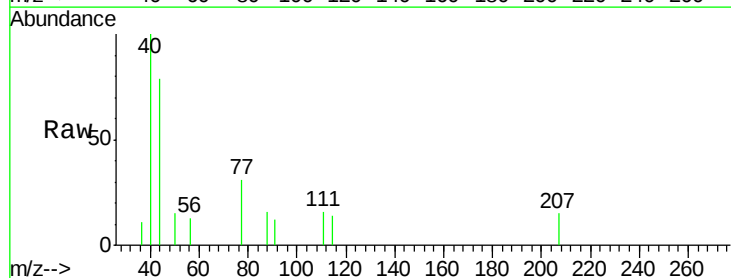
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

43 0.0 30.8 46.2#

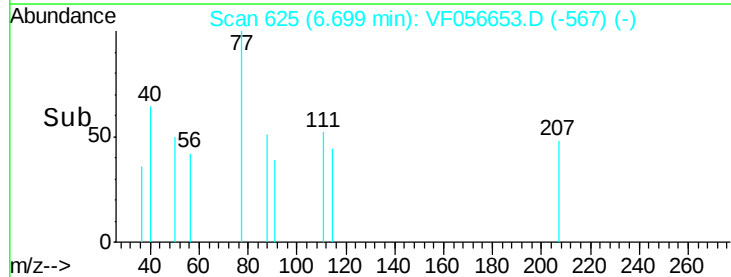
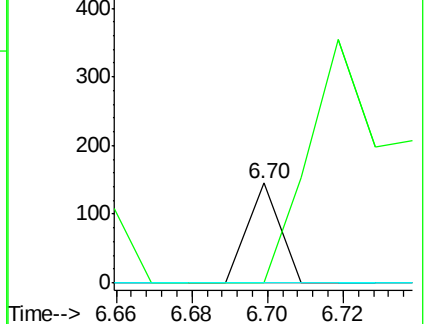
58 0.0 49.8 74.6#

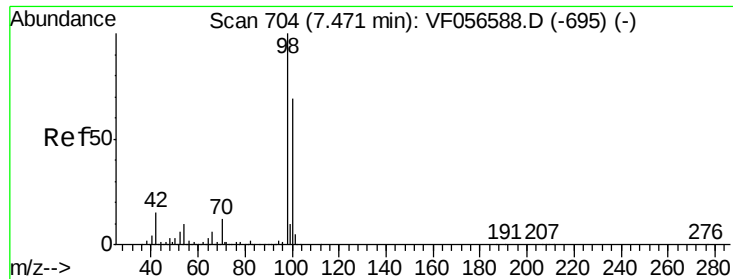


Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

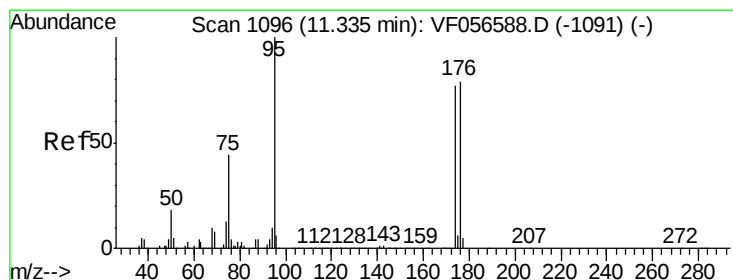
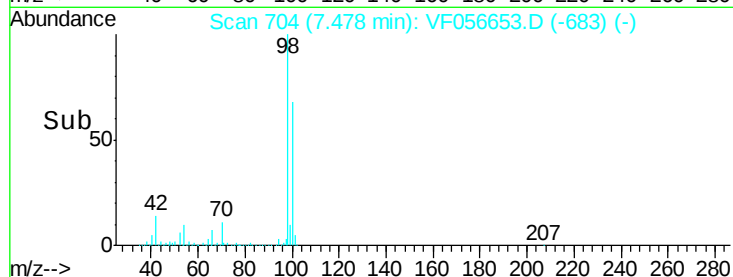
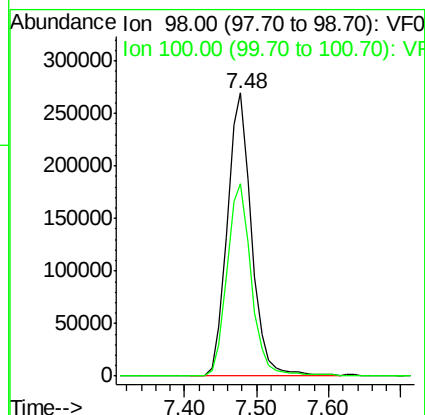
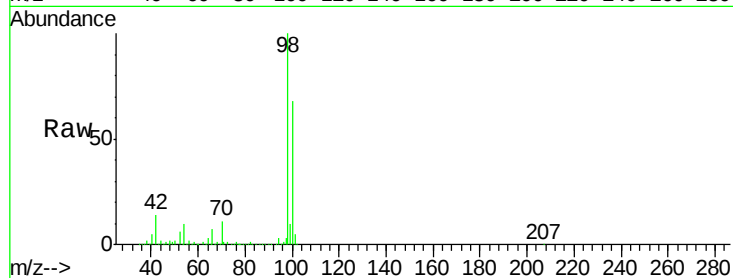




#50
Toluene-d8
Concen: 44.43 ug/l
RT: 7.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

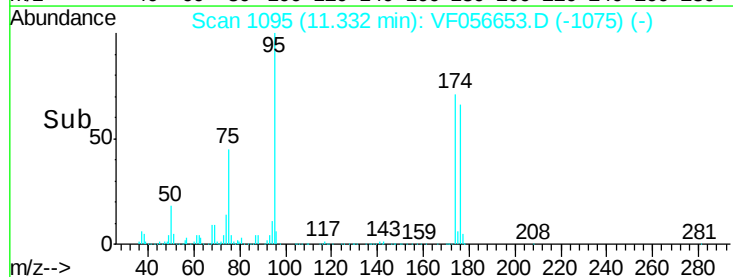
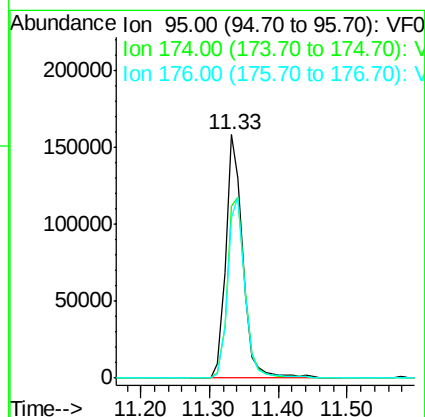
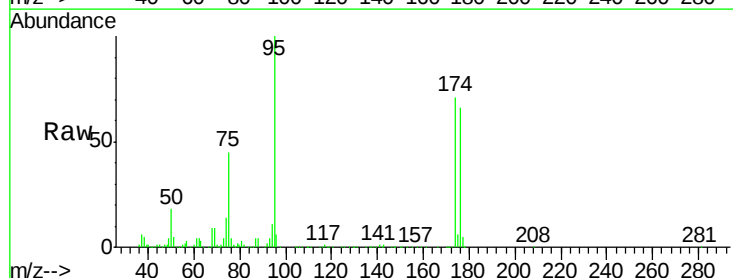
Instrument :
MSVOA_F
ClientSampleId :
RT-2898

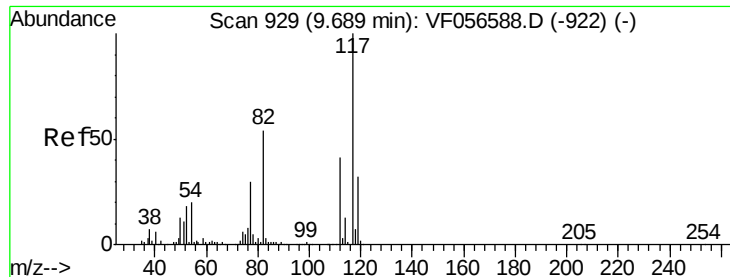
Tgt Ion: 98 Resp: 628816
Ion Ratio Lower Upper
98 100
100 67.9 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 42.22 ug/l
RT: 11.33 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

Tgt Ion: 95 Resp: 271818
Ion Ratio Lower Upper
95 100
174 70.6 0.0 154.2
176 66.0 0.0 157.2

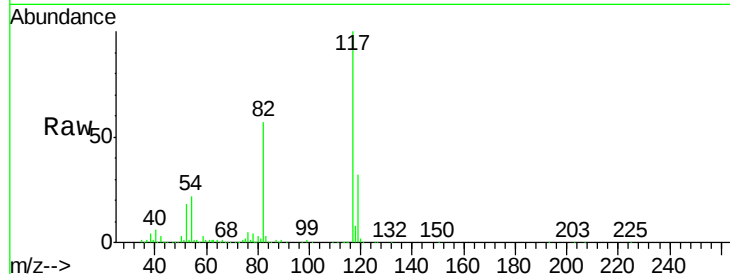




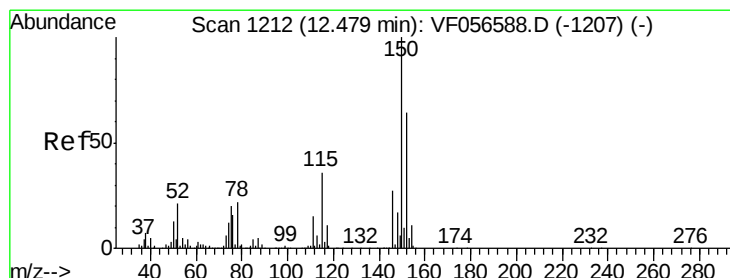
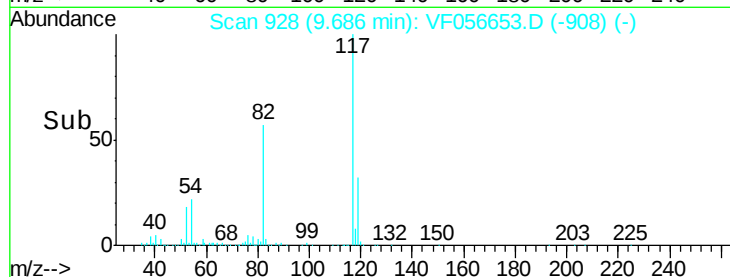
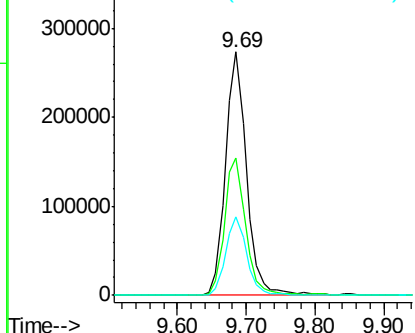
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.69 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

Instrument :
MSVOA_F
ClientSampleId :
RT-2898

Tgt Ion:117 Resp: 579127
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.6
119 32.4 25.5 38.3

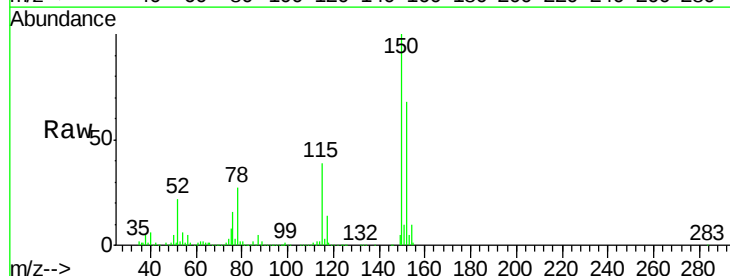


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

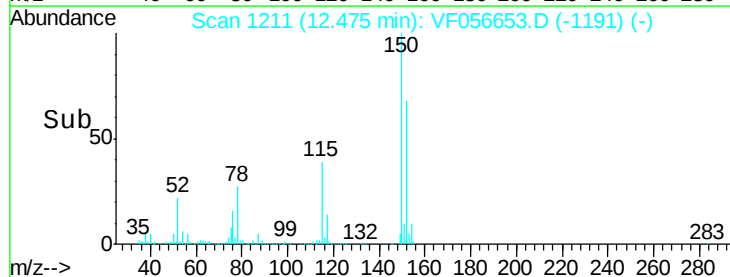
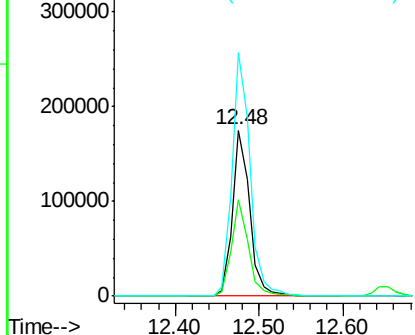


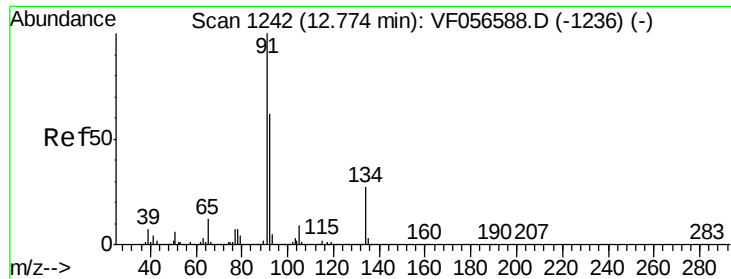
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF056653.D
Acq: 23 Feb 2018 13:48

Tgt Ion:152 Resp: 249718
Ion Ratio Lower Upper
152 100
115 57.7 28.1 84.3
150 146.8 0.0 315.6



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





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.77 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VF056653.D

Acq: 23 Feb 2018 13:48

Instrument :

MSVOA_F

ClientSampleId :

RT-2898

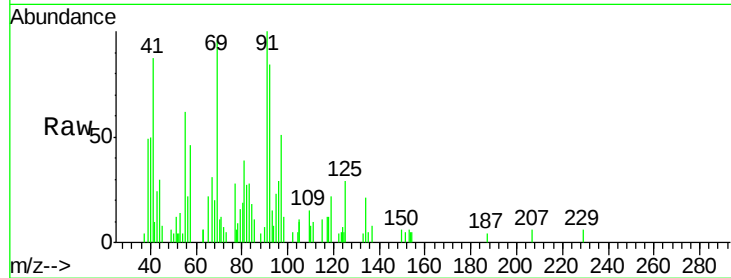
Tgt Ion: 91 Resp: 4857

Ion Ratio Lower Upper

91 100

92 83.9 30.9 92.7

134 21.1 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

