

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056661.D
 Acq On : 23 Feb 2018 17:50
 Operator : JC/SY
 Sample : J1675-02
 Misc : 5.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VNJ-223-A

Quant Time: Feb 24 00:48:28 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

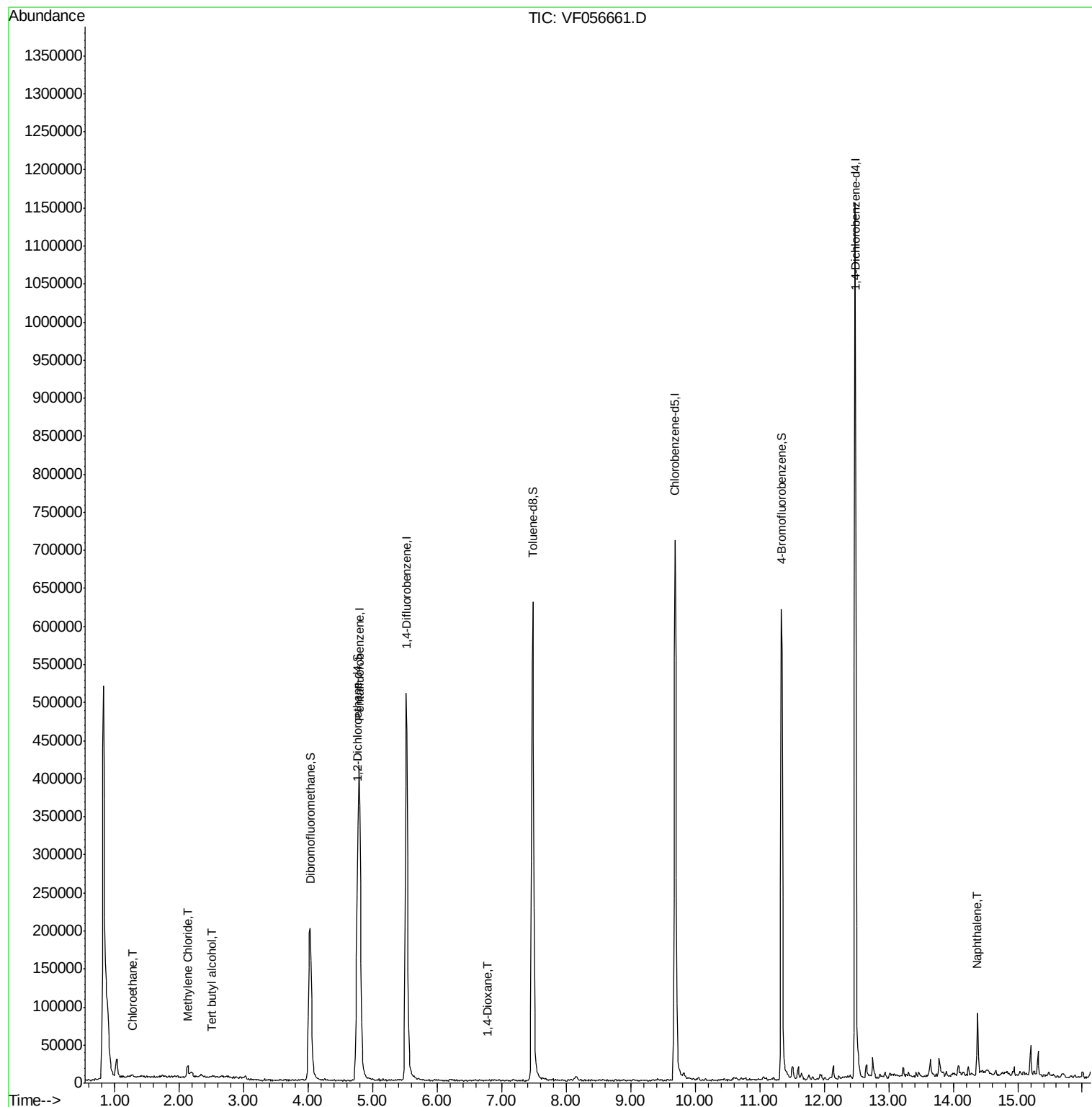
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.79	168	371681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.52	114	567258	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.69	117	521948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	274412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.76	65	185388	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
35) Dibromofluoromethane	4.03	113	194726	45.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	7.48	98	535136	41.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.70%	
62) 4-Bromofluorobenzene	11.34	95	238318	40.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.94%	
Target Compounds						
						Qvalue
6) Chloroethane	1.27	64	108	1.62	ug/l #	43
11) Tert butyl alcohol	2.51	59	958	3.16	ug/l #	67
18) Methyl Acetate	2.34	43	2092	Below Cal	#	64
20) Methylene Chloride	2.14	84	6899	2.74	ug/l	89
28) Bromochloromethane	3.68	49	63	Below Cal	#	10
49) 1,4-Dioxane	6.78	88	73	2.06	ug/l #	1
89) n-Butylbenzene	12.77	91	1435	Below Cal	#	48
95) Naphthalene	14.37	128	55329	3.75	ug/l	99

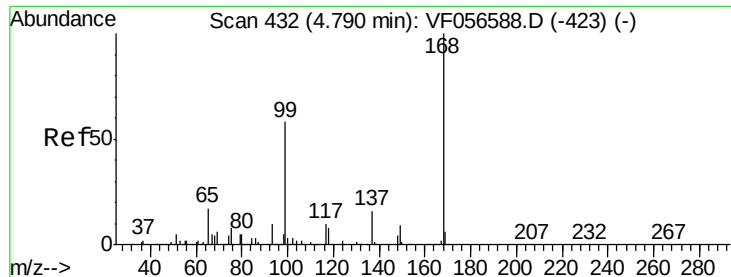
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.00 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

Instrument :

MSVOA_F

ClientSampleId :

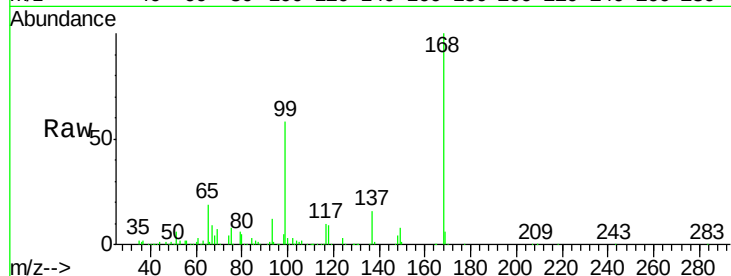
VNJ-223-A

Tgt Ion:168 Resp: 371681

Ion Ratio Lower Upper

168 100

99 57.8 46.2 69.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

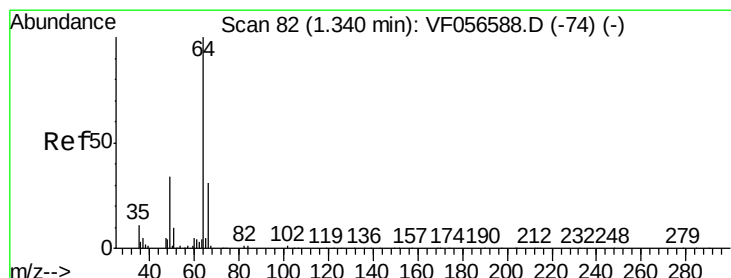
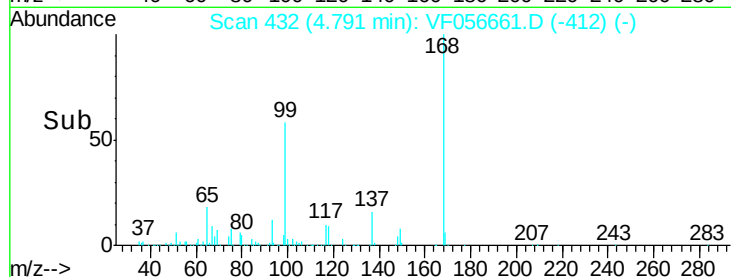
4.79

100000

50000

0

Time-->



#6

Chloroethane

Concen: 1.62 ug/l

RT: 1.27 min Scan# 75

Delta R.T. -0.07 min

Lab File: VF056661.D

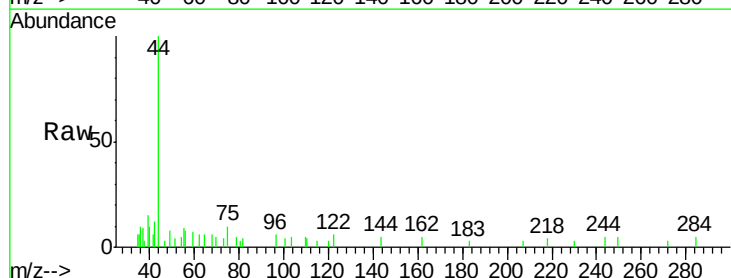
Acq: 23 Feb 2018 17:50

Tgt Ion: 64 Resp: 108

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

250

200

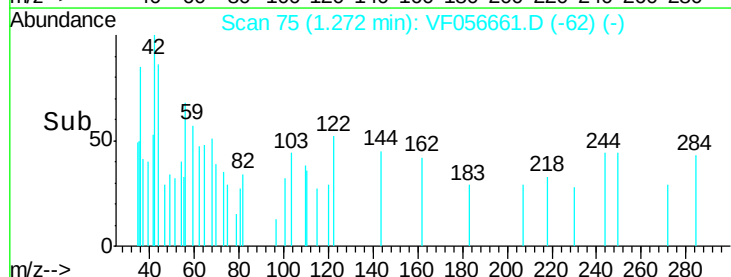
150

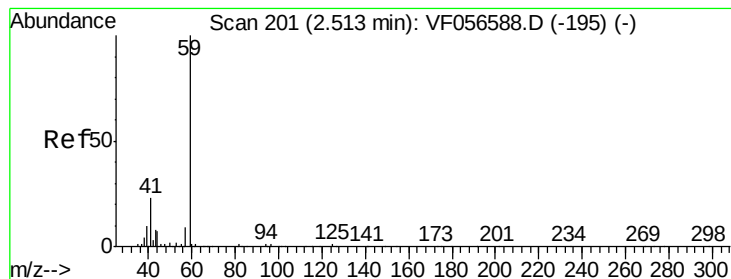
100

50

0

Time-->



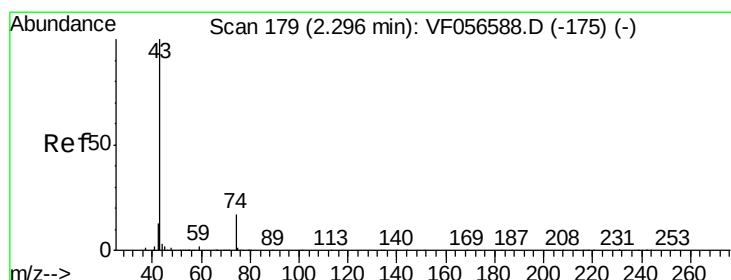
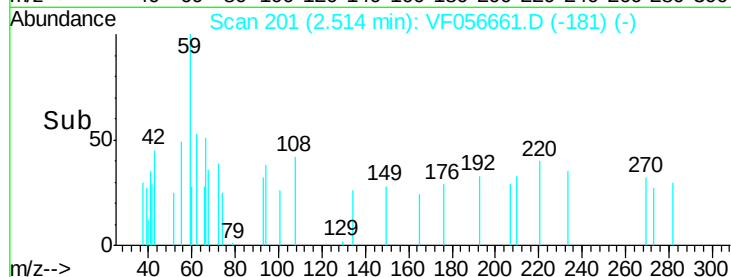
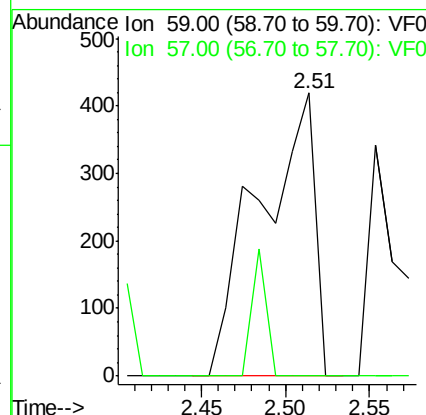
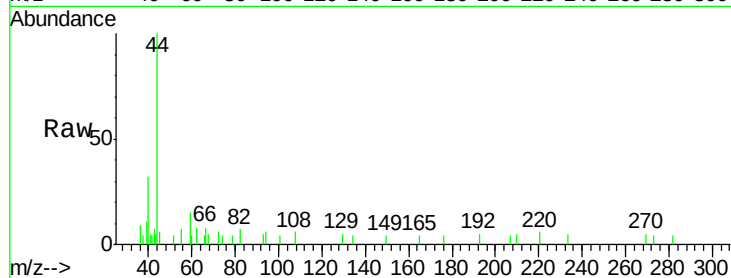


#11

Tert butyl alcohol
 Concen: 3.16 ug/l
 RT: 2.51 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VF056661.D
 Acq: 23 Feb 2018 17:50

Instrument :
 MSVOA_F
 ClientSampleId :
 VNJ-223-A

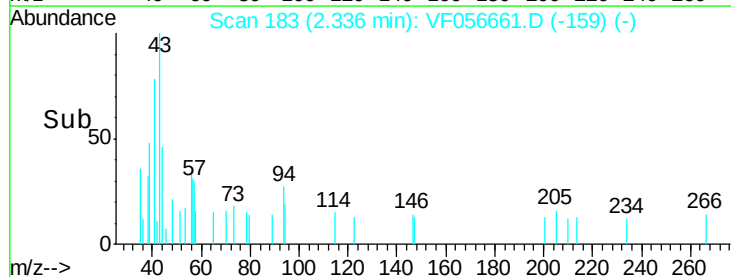
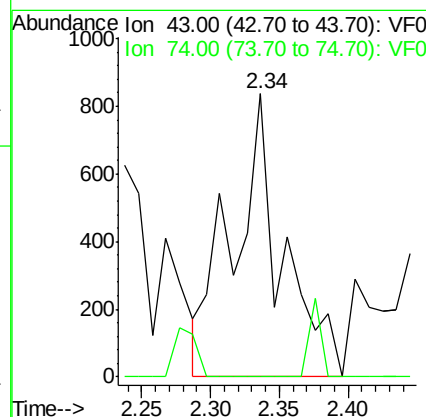
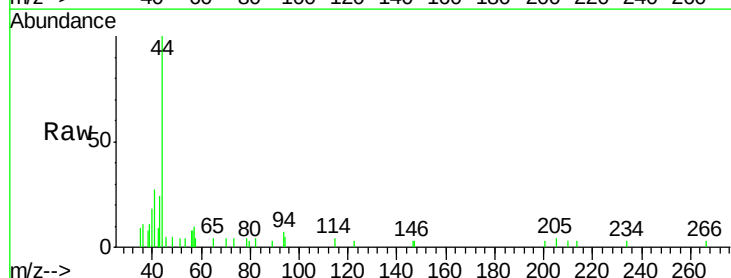
Tgt Ion: 59 Resp: 958
 Ion Ratio Lower Upper
 59 100
 57 0.0 10.3 15.5#

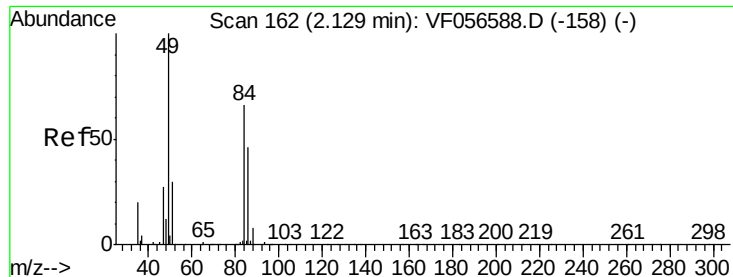


#18

Methyl Acetate
 Concen: Below Cal
 RT: 2.34 min Scan# 183
 Delta R.T. 0.04 min
 Lab File: VF056661.D
 Acq: 23 Feb 2018 17:50

Tgt Ion: 43 Resp: 2092
 Ion Ratio Lower Upper
 43 100
 74 0.0 12.0 18.0#





#20

Methylene Chloride

Concen: 2.74 ug/l

RT: 2.14 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

Instrument :

MSVOA_F

ClientSampleId :

VNJ-223-A

Tgt Ion: 84 Resp: 6899

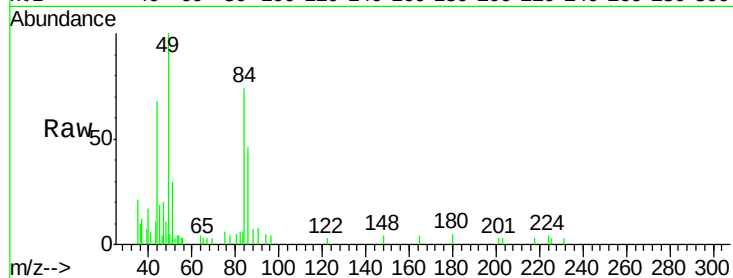
Ion Ratio Lower Upper

84 100

49 134.4 121.4 182.0

51 40.8 37.1 55.7

86 62.3 55.5 83.3

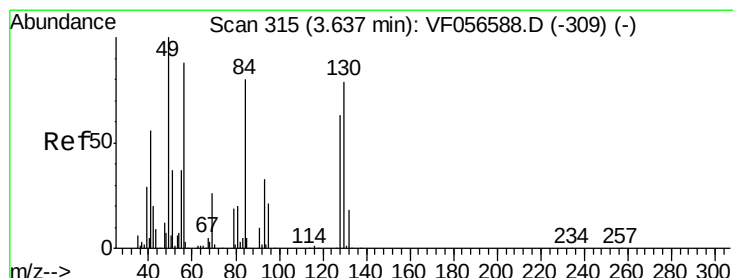
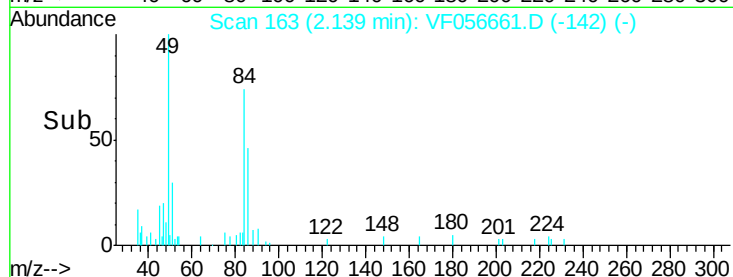
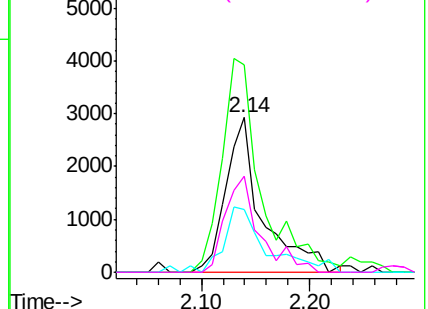


Abundance Ion 84.00 (83.70 to 84.70): VF0

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



#28

Bromochloromethane

Concen: Below Cal

RT: 3.68 min Scan# 319

Delta R.T. 0.04 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

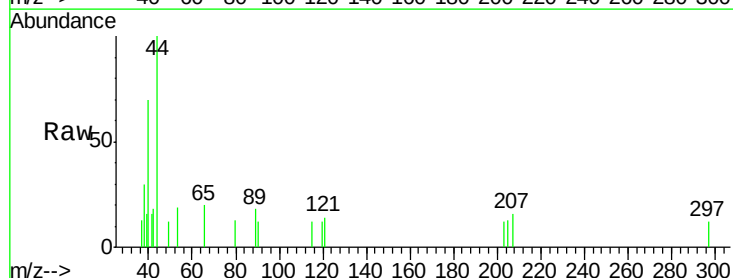
Tgt Ion: 49 Resp: 63

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

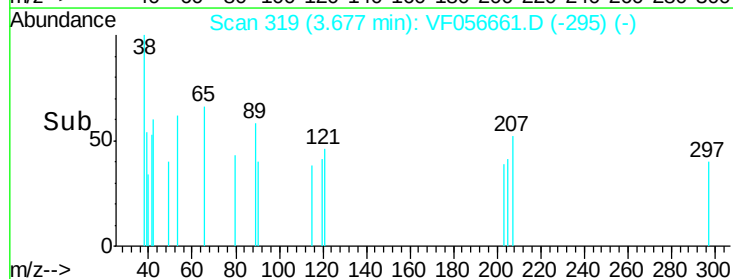
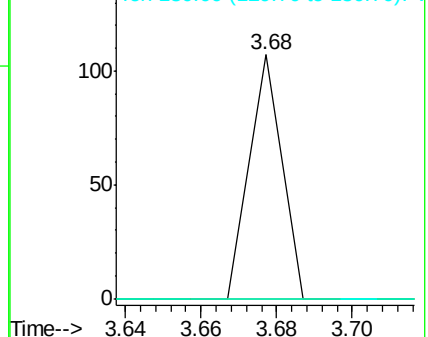
130 0.0 63.4 95.0#

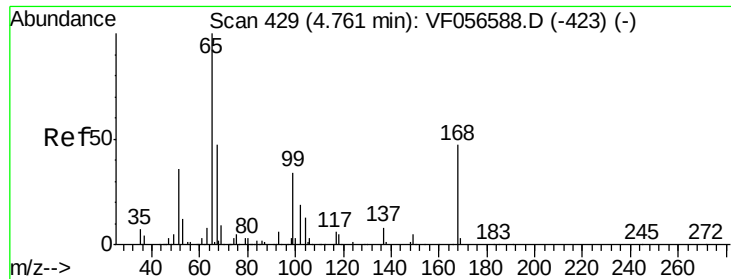


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V

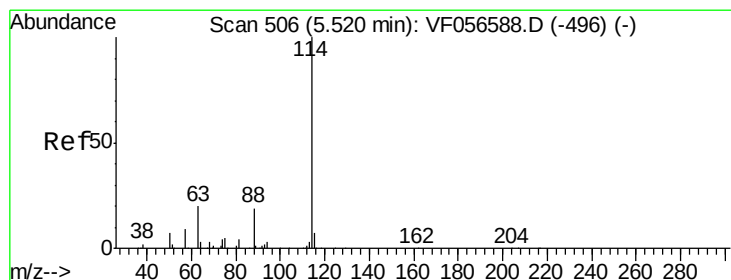
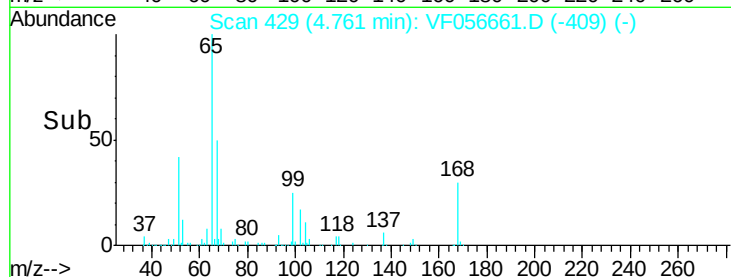
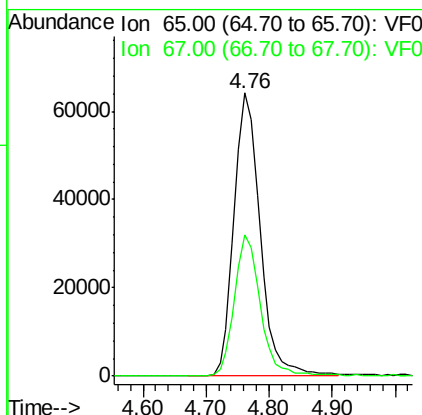
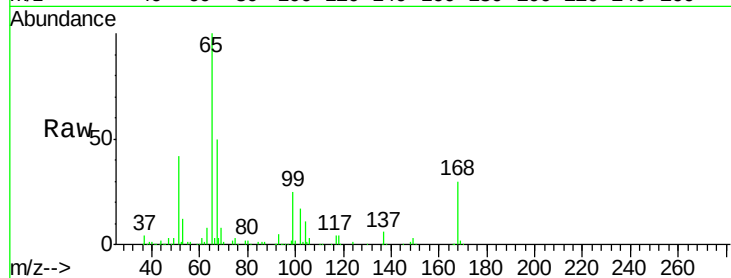




#33
 1,2-Dichloroethane-d4
 Concen: 41.26 ug/l
 RT: 4.76 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: VF056661.D
 Acq: 23 Feb 2018 17:50

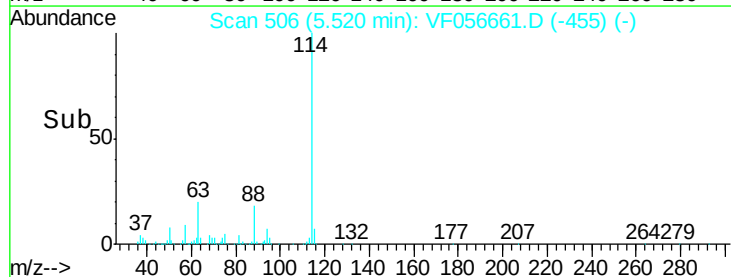
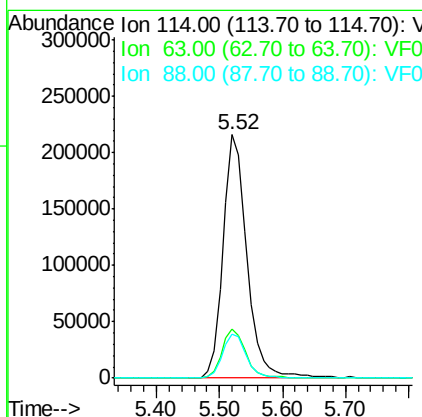
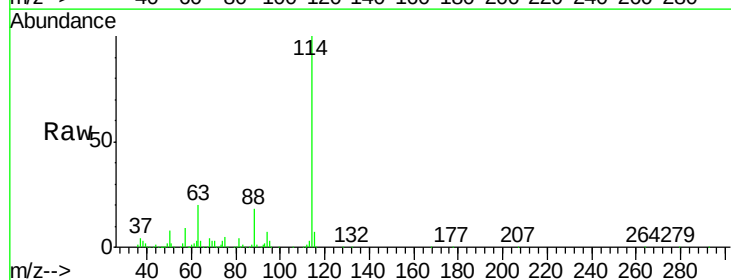
Instrument :
 MSVOA_F
 ClientSampleId :
 VNJ-223-A

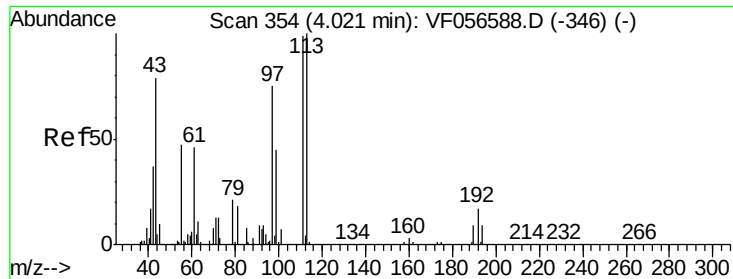
Tgt Ion: 65 Resp: 185388
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VF056661.D
 Acq: 23 Feb 2018 17:50

Tgt Ion: 114 Resp: 567258
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 18.1 0.0 37.8





#35

Dibromofluoromethane

Concen: 45.64 ug/l

RT: 4.03 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

Instrument :

MSVOA_F

ClientSampleId :

VNJ-223-A

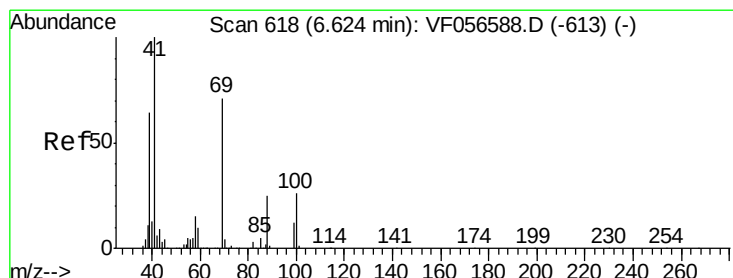
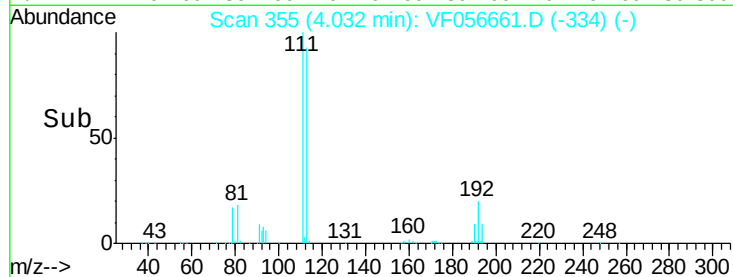
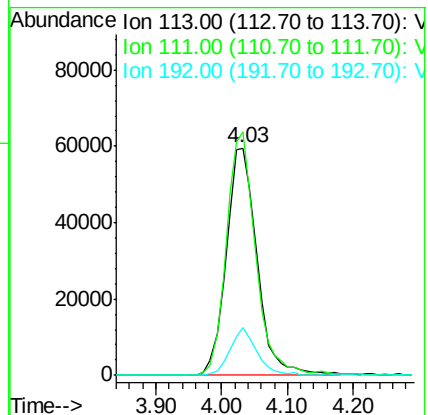
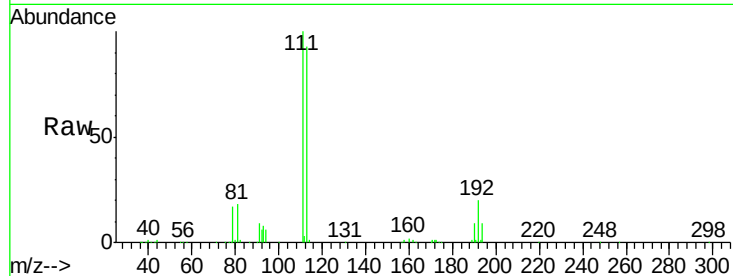
Tgt Ion:113 Resp: 194726

Ion Ratio Lower Upper

113 100

111 107.2 79.1 118.7

192 21.1 13.9 20.9#



#49

1,4-Dioxane

Concen: 2.06 ug/l

RT: 6.78 min Scan# 634

Delta R.T. 0.16 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

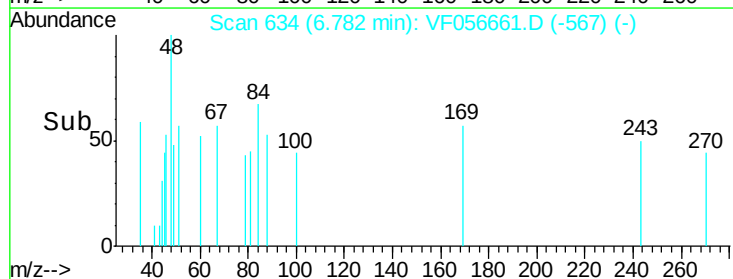
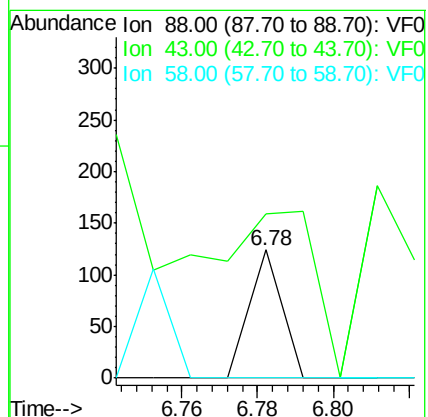
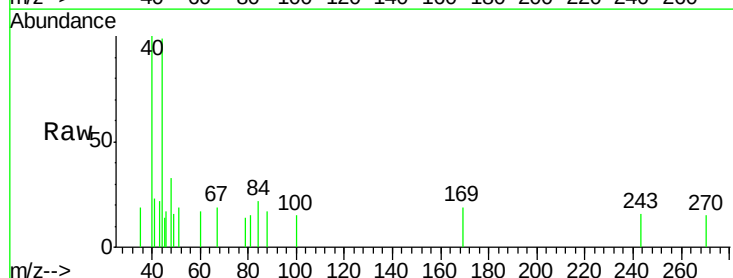
Tgt Ion: 88 Resp: 73

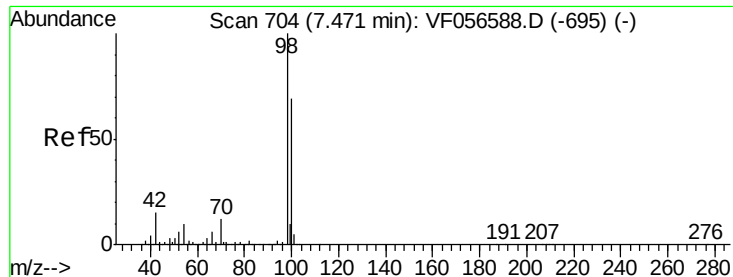
Ion Ratio Lower Upper

88 100

43 128.2 30.8 46.2#

58 0.0 49.8 74.6#





#50

Toluene-d8

Concen: 41.85 ug/l

RT: 7.48 min Scan# 705

Delta R.T. 0.01 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

Instrument :

MSVOA_F

ClientSampleId :

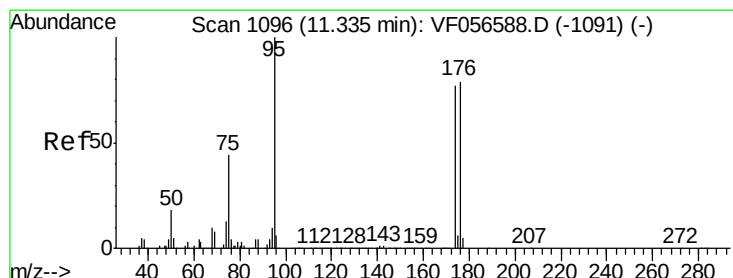
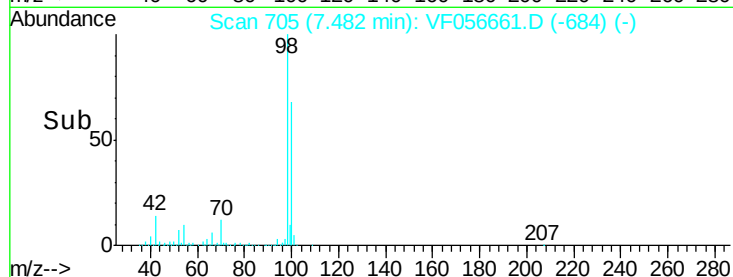
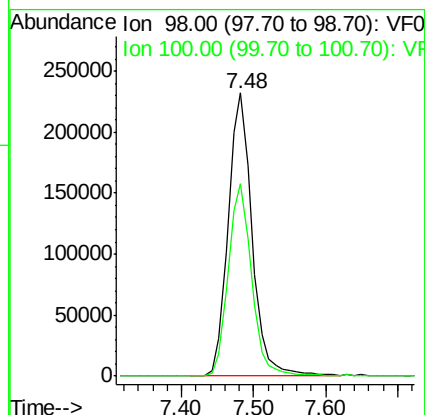
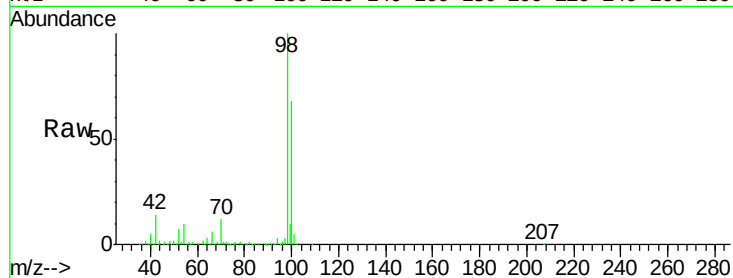
VNJ-223-A

Tgt Ion: 98 Resp: 535136

Ion Ratio Lower Upper

98 100

100 67.9 55.4 83.0



#62

4-Bromofluorobenzene

Concen: 40.97 ug/l

RT: 11.34 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VF056661.D

Acq: 23 Feb 2018 17:50

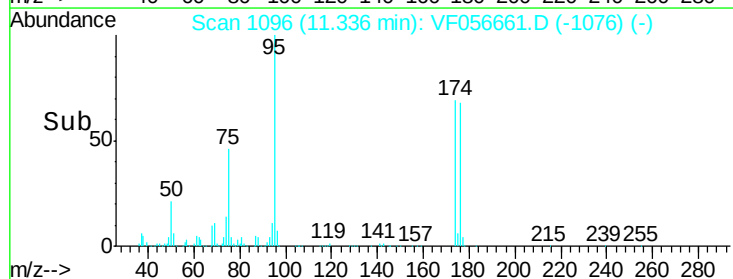
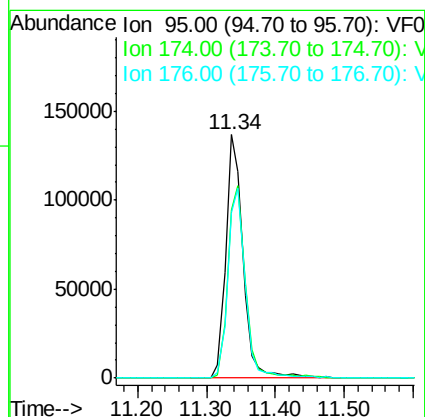
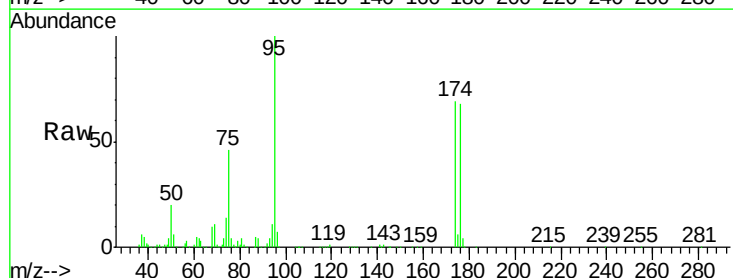
Tgt Ion: 95 Resp: 238318

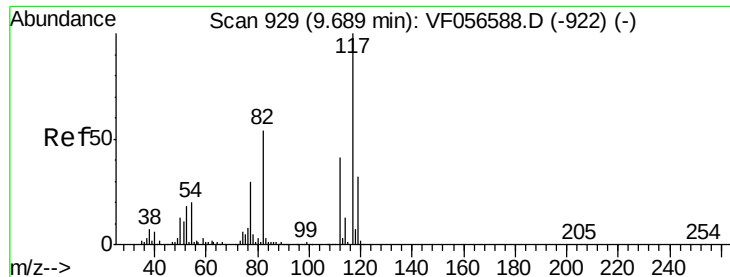
Ion Ratio Lower Upper

95 100

174 69.1 0.0 154.2

176 67.9 0.0 157.2

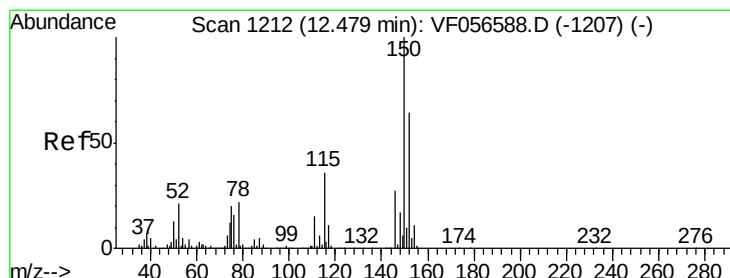
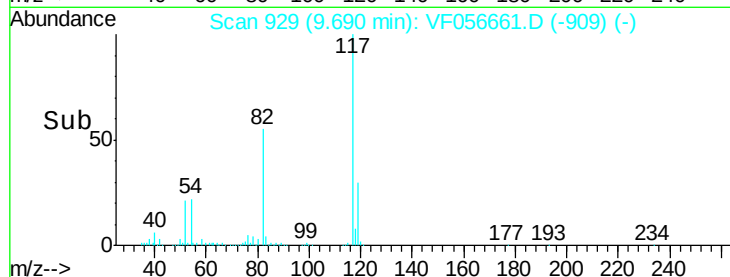
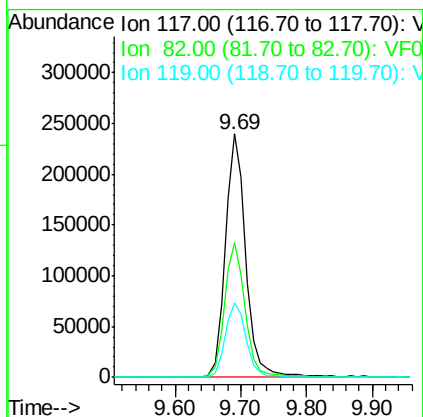
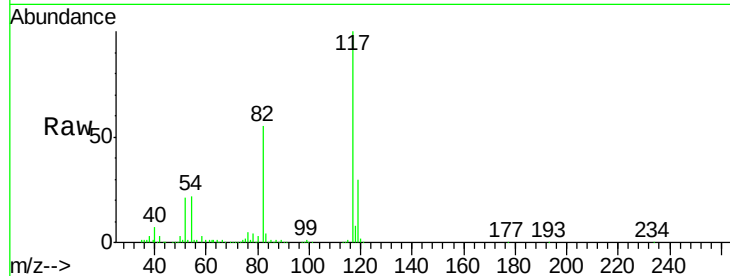




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.69 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF056661.D
Acq: 23 Feb 2018 17:50

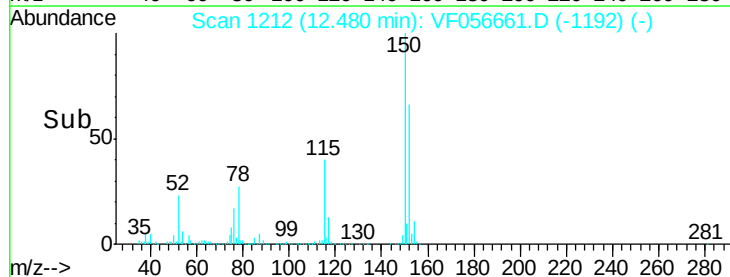
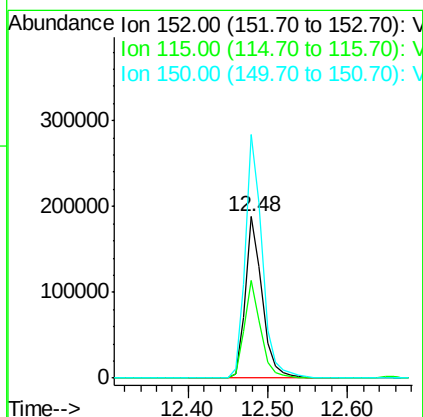
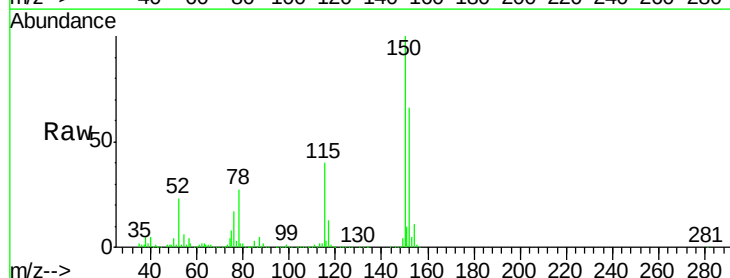
Instrument :
MSVOA_F
ClientSampleId :
VNJ-223-A

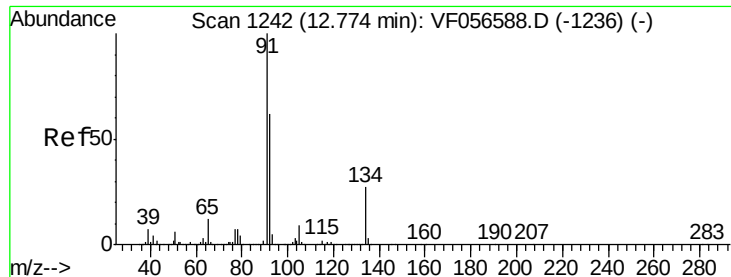
Tgt Ion:117 Resp: 521948
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VF056661.D
Acq: 23 Feb 2018 17:50

Tgt Ion:152 Resp: 274412
Ion Ratio Lower Upper
152 100
115 60.5 28.1 84.3
150 151.2 0.0 315.6

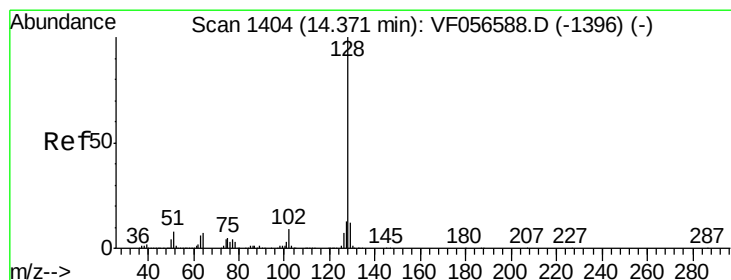
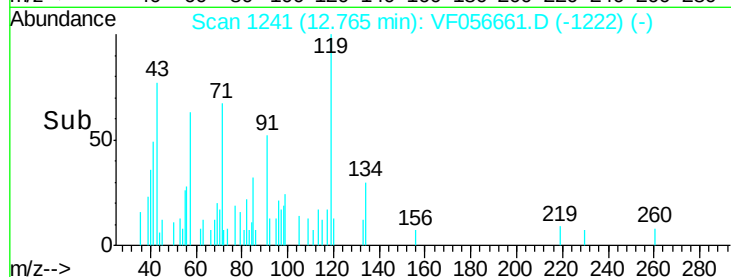
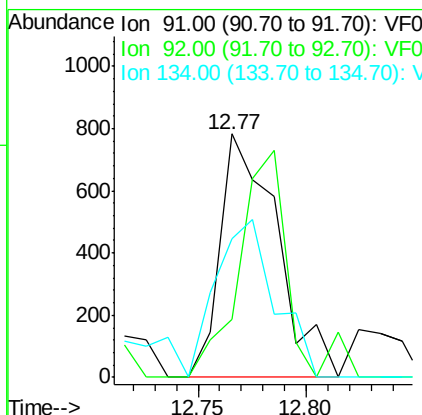
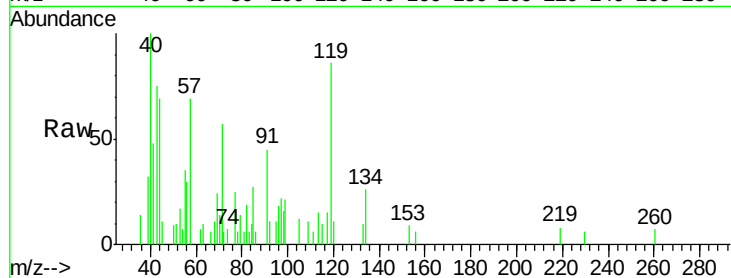




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.77 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VF056661.D
Acq: 23 Feb 2018 17:50

Instrument :
MSVOA_F
ClientSampled :
VNJ-223-A

Tgt Ion: 91 Resp: 1435
Ion Ratio Lower Upper
91 100
92 24.0 30.9 92.7#
134 57.0 13.7 41.0#



#95
Naphthalene
Concen: 3.75 ug/l
RT: 14.37 min Scan# 1404
Delta R.T. 0.00 min
Lab File: VF056661.D
Acq: 23 Feb 2018 17:50

Tgt Ion: 128 Resp: 55329
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 12.6 9.4 14.0

