

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058142.D
 Acq On : 14 Jun 2018 18:16
 Operator : VA/AP
 Sample : J3481-04
 Misc : 10.26g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 06:05:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	5410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	7968	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.70	117	6583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	4239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.94	95	210	3.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	6.56%	

Target Compounds

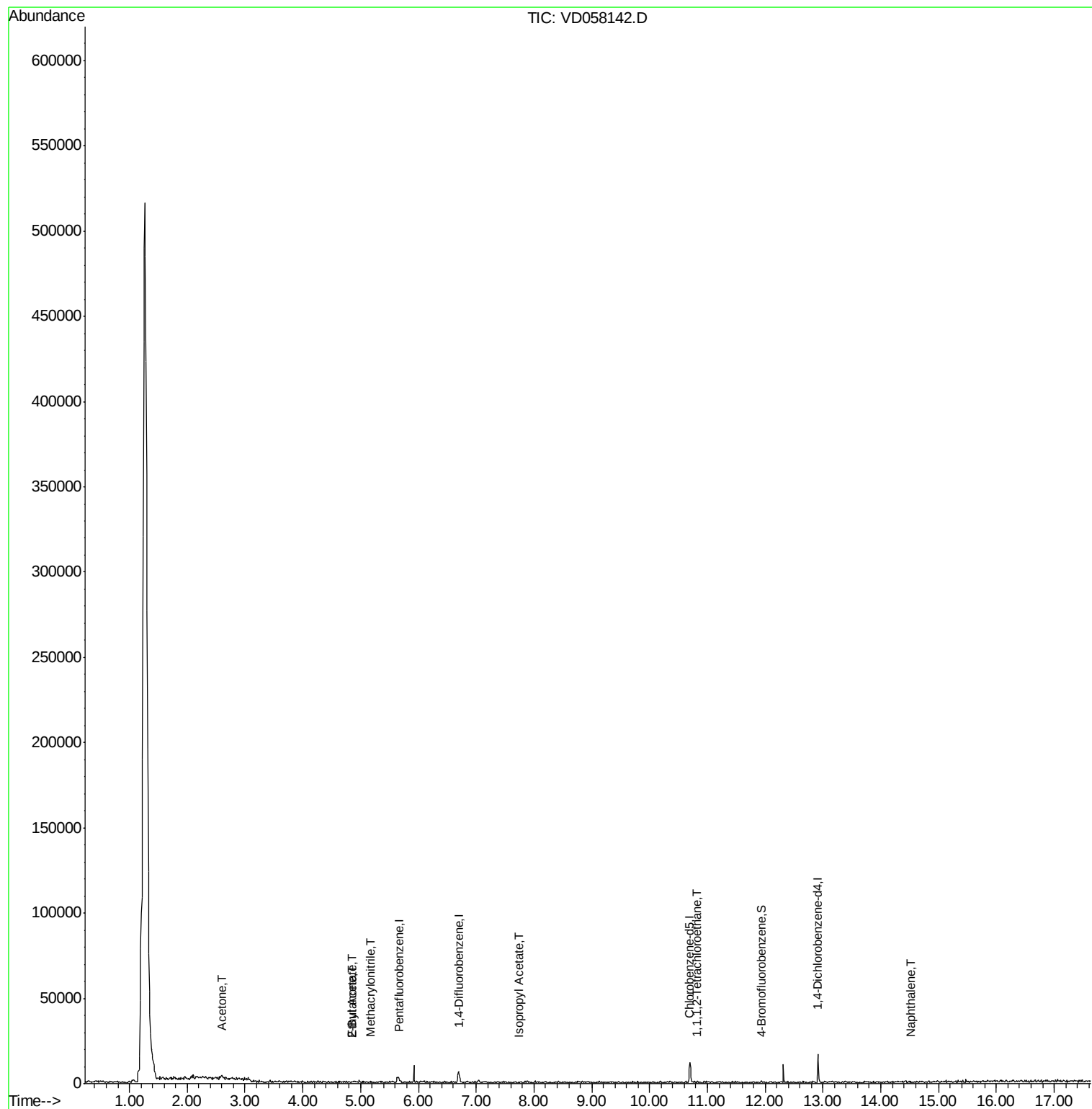
					Qvalue	
16) Acetone	2.59	43	3675	471.613	ug/l #	57
25) 2-Butanone	4.86	43	178	10.051	ug/l #	64
37) Ethyl Acetate	4.86	43	178	3.716	ug/l #	72
41) Methacrylonitrile	5.17	41	180	8.218	ug/l #	32
43) Isopropyl Acetate	7.74	43	185	2.949	ug/l #	50
66) 1,1,1,2-Tetrachloroethane	10.83	131	192	3.750	ug/l #	9
95) Naphthalene	14.52	128	200	1.461	ug/l #	70

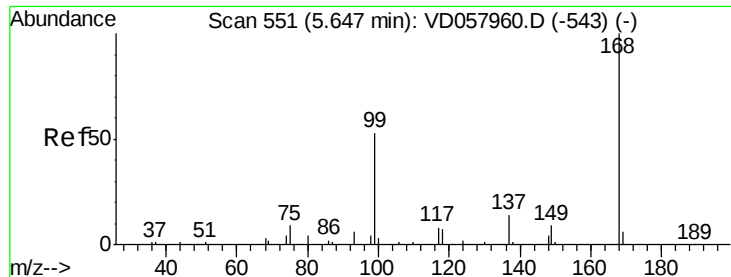
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
Data File : VD058142.D
Acq On : 14 Jun 2018 18:16
Operator : VA/AP
Sample : J3481-04
Misc : 10.26g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 15 06:05:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

Instrument :

MSVOA_D

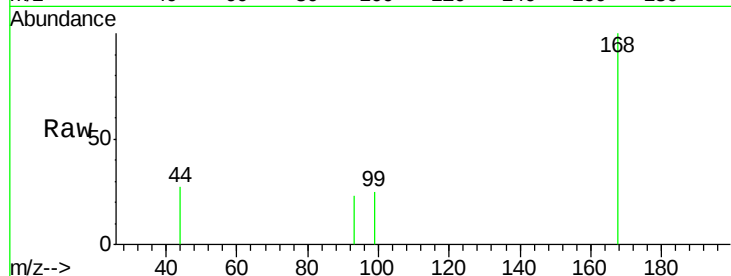
ClientSampleId :

Tot Ion:168 Resp: 5410

Ion Ratio Lower Upper

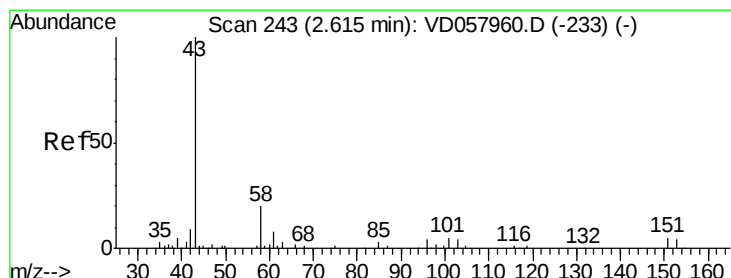
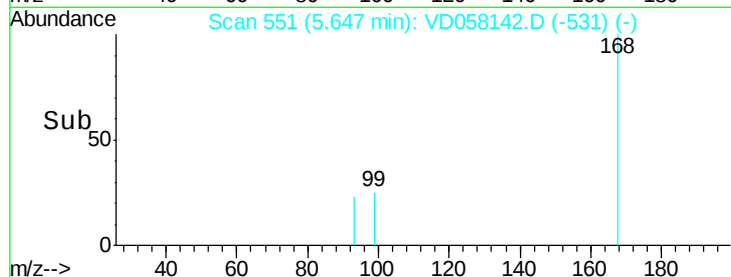
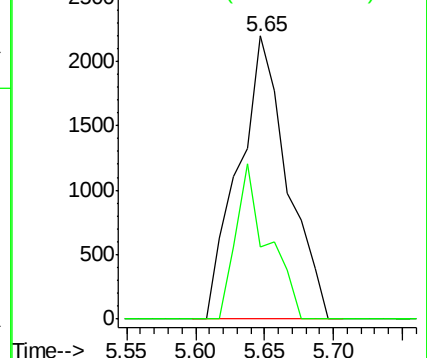
168 100

99 25.4 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 471.613 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.03 min

Lab File: VD058142.D

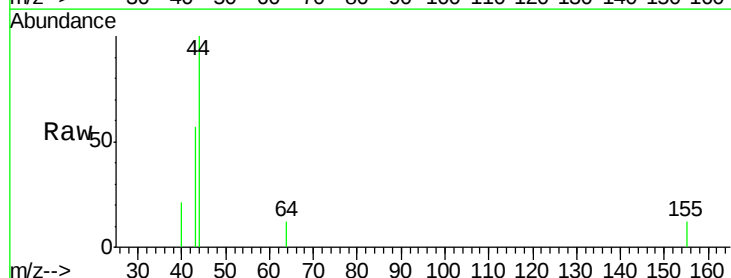
Acq: 14 Jun 2018 18:16

Tgt Ion: 43 Resp: 3675

Ion Ratio Lower Upper

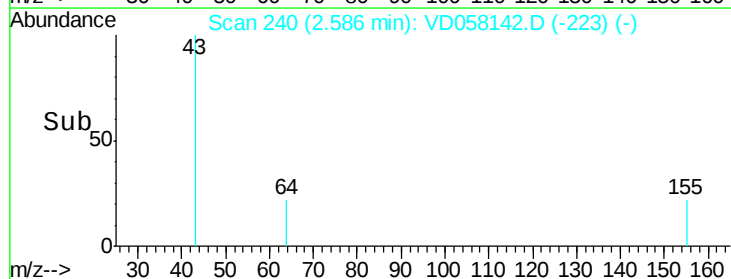
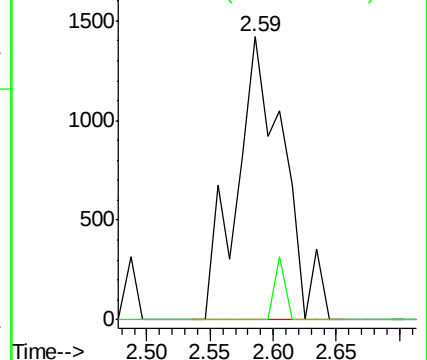
43 100

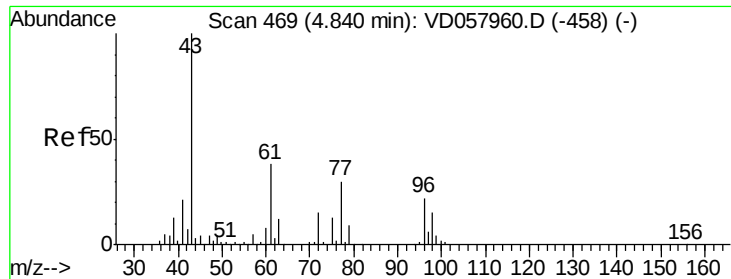
58 0.0 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 10.051 ug/l

RT: 4.86 min Scan# 471

Delta R.T. 0.02 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

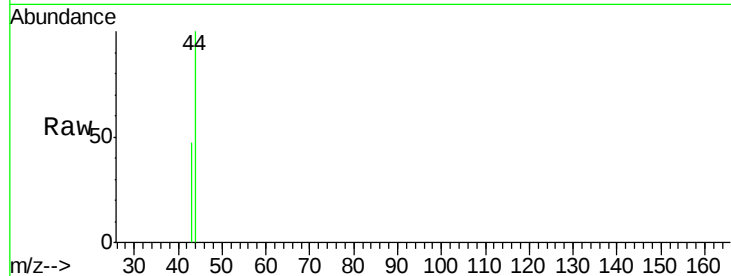
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 178

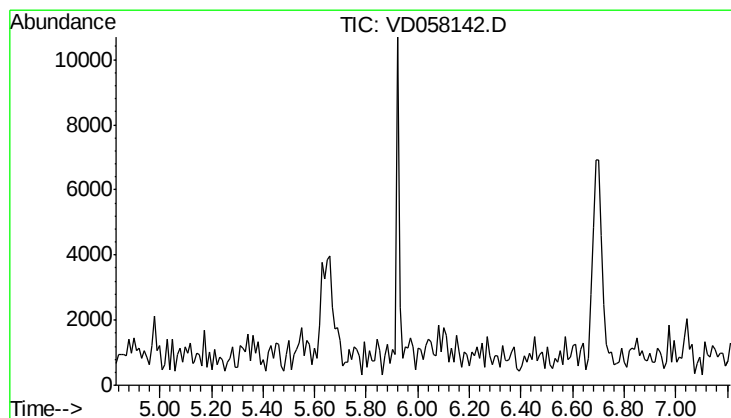
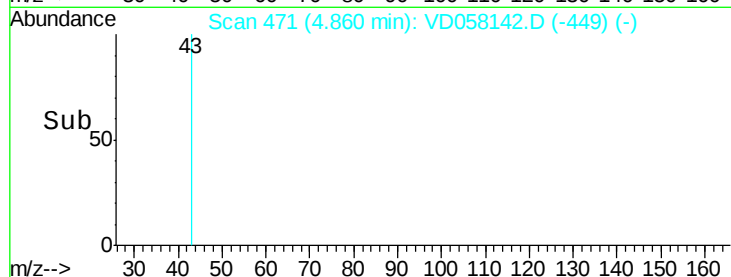
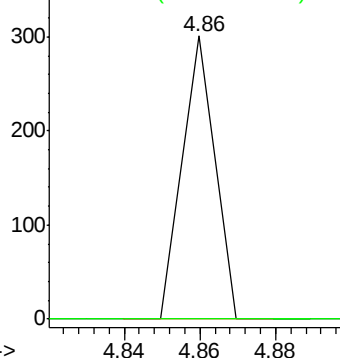
Ion Ratio Lower Upper

43 100

72 0.0 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 6.02 min

Lab File: VD058142.D

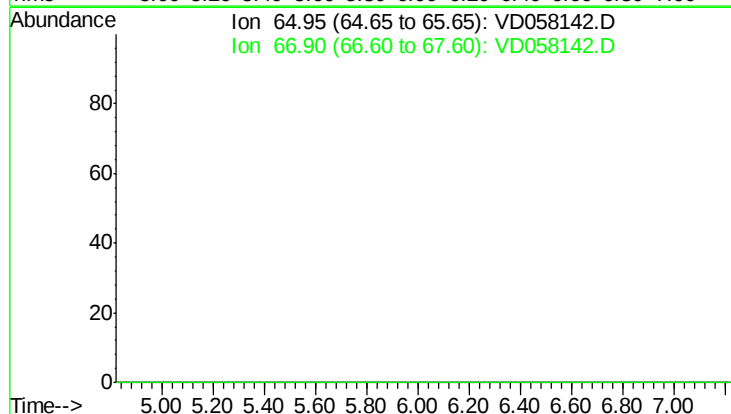
Acq: 14 Jun 2018 18:16

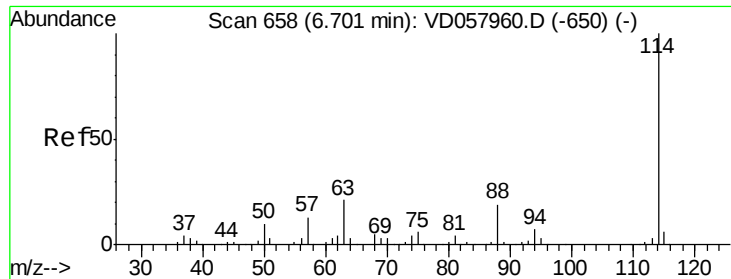
Tgt Ion: 65

Sig Exp Ratio

65 100

67 47.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

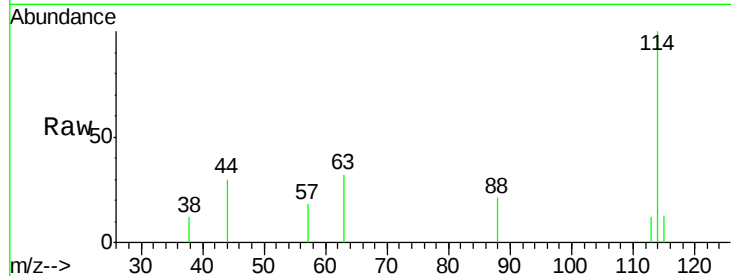
Tot Ion:114 Resp: 7968

Ion Ratio Lower Upper

114 100

63 32.5 0.0 42.8

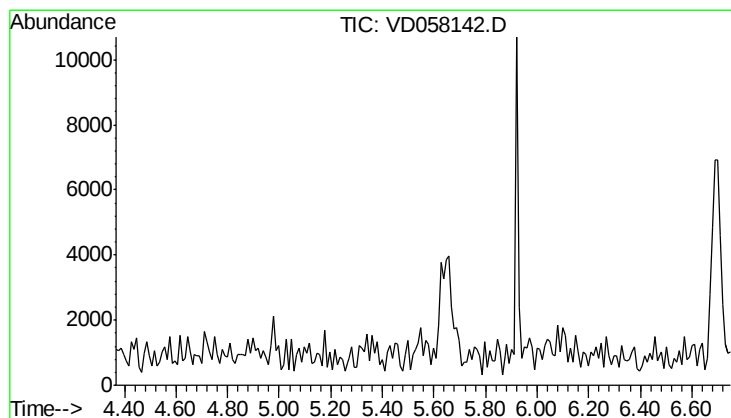
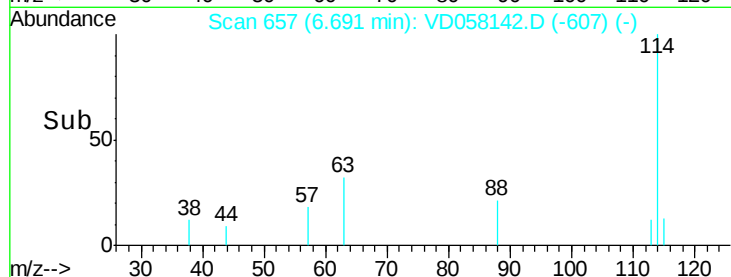
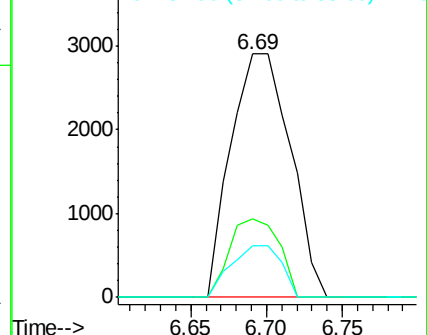
88 21.0 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

Expected RT: 5.56 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

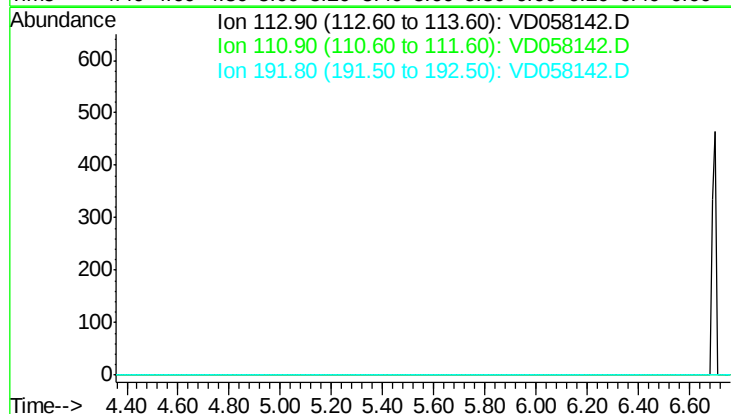
Tgt Ion: 113

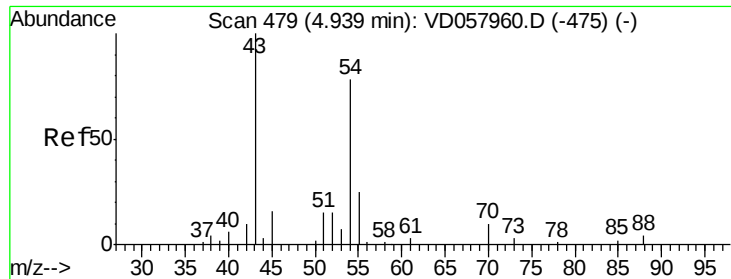
Sig Exp Ratio

113 100

111 101.9

192 20.5

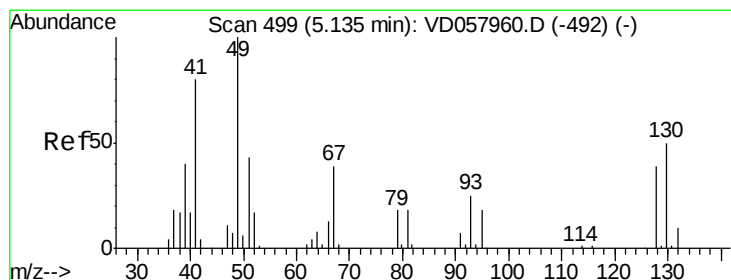
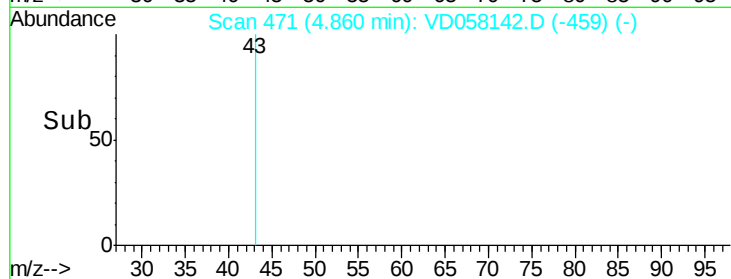
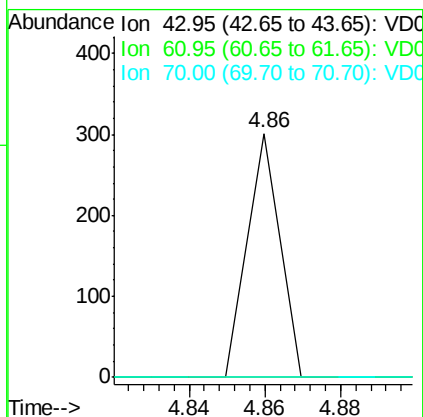
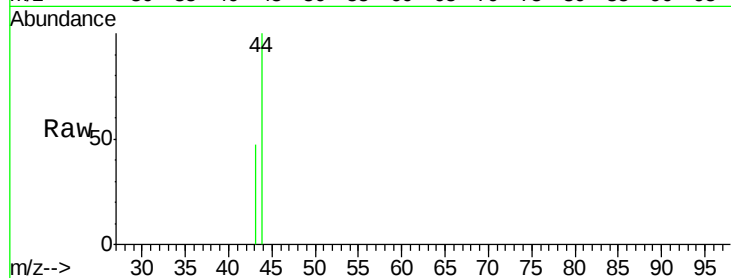




#37
Ethyl Acetate
Concen: 3.716 ug/l
RT: 4.86 min Scan# 471
Delta R.T. -0.08 min
Lab File: VD058142.D
Acq: 14 Jun 2018 18:16

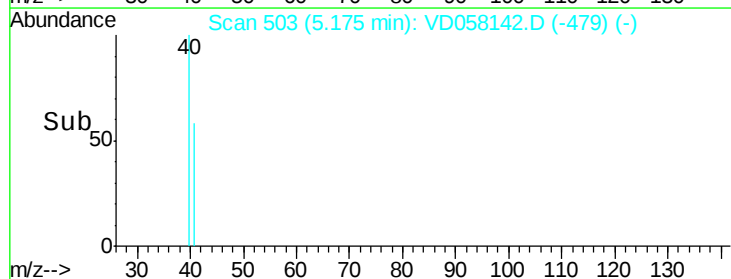
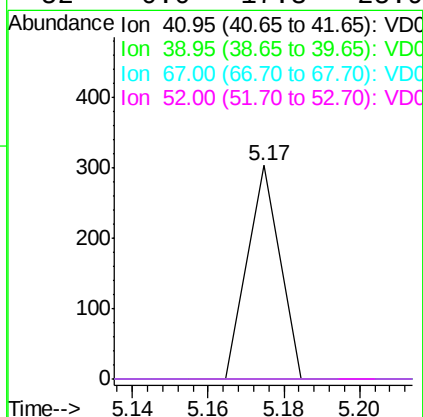
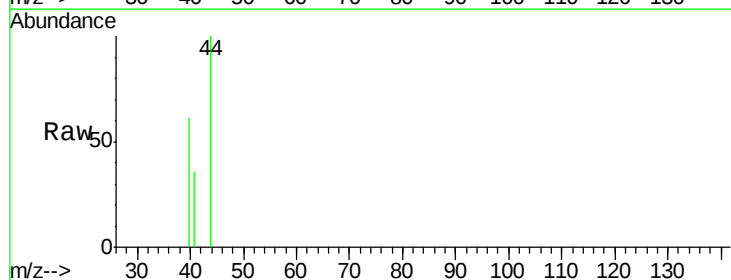
Instrument :
MSVOA_D
ClientSampleId :

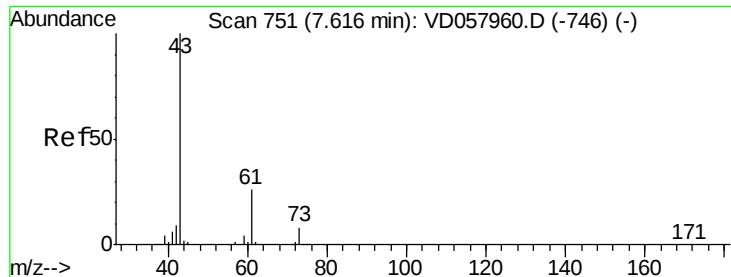
Tot Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 5.7 8.5#



#41
Methacrylonitrile
Concen: 8.218 ug/l
RT: 5.17 min Scan# 503
Delta R.T. 0.04 min
Lab File: VD058142.D
Acq: 14 Jun 2018 18:16

Tgt Ion: 41 Resp: 180
Ion Ratio Lower Upper
41 100
39 0.0 40.7 61.1#
67 0.0 38.8 58.2#
52 0.0 17.3 25.9#





#43

Isopropyl Acetate

Concen: 2.949 ug/l

RT: 7.74 min Scan# 764

Delta R.T. 0.13 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

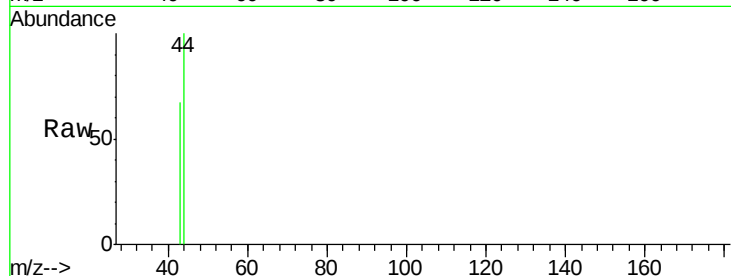
Tot Ion: 43 Resp: 185

Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

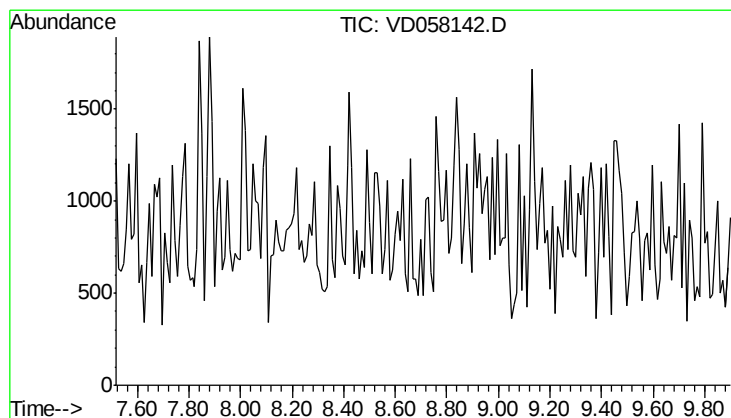
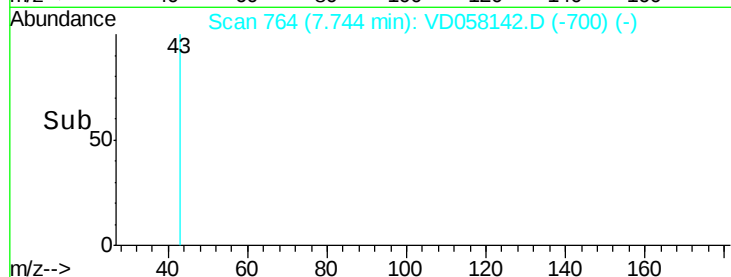
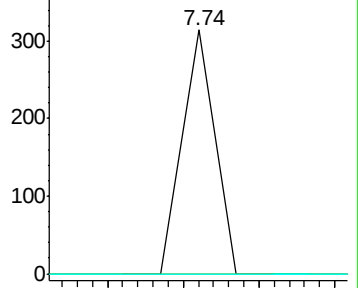
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VD058142.D

Ion 60.95 (60.65 to 61.65): VD058142.D

Ion 87.00 (86.70 to 87.70): VD058142.D



#50

Toluene-d8

Concen: N.D. ug/l

Expected RT: 8.71 min

Lab File: VD058142.D

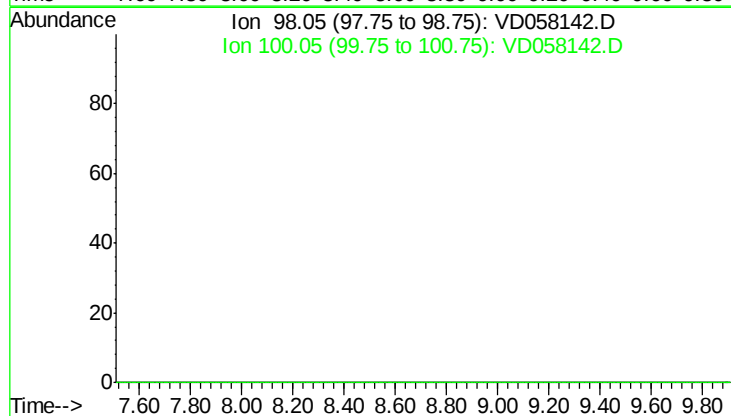
Acq: 14 Jun 2018 18:16

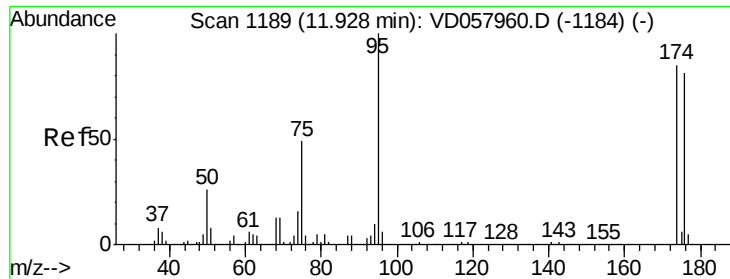
Tgt Ion: 98

Sig Exp Ratio

98 100

100 66.7





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

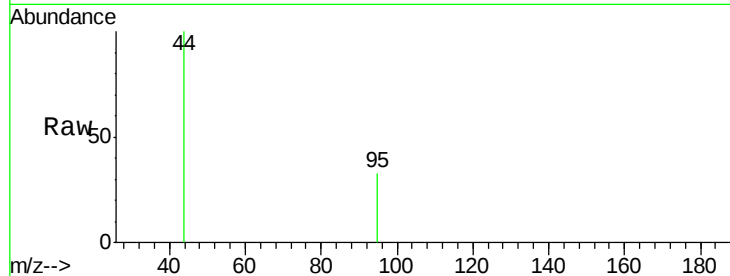
Tot Ion: 95 Resp: 210

Ion Ratio Lower Upper

95 100

174 0.0 0.0 169.4

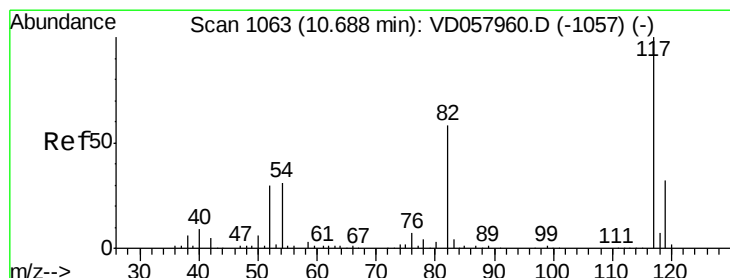
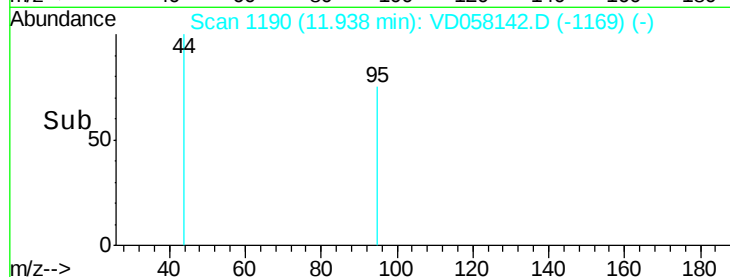
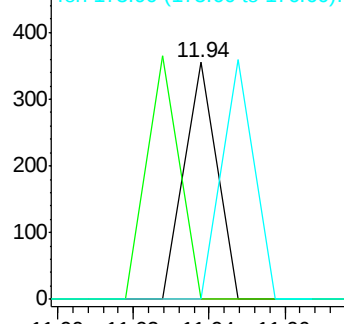
176 0.0 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

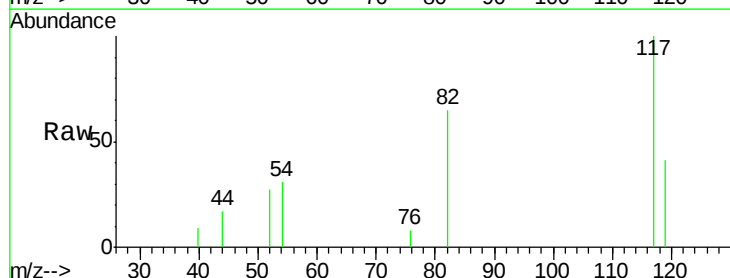
Tgt Ion: 117 Resp: 6583

Ion Ratio Lower Upper

117 100

82 65.2 46.8 70.2

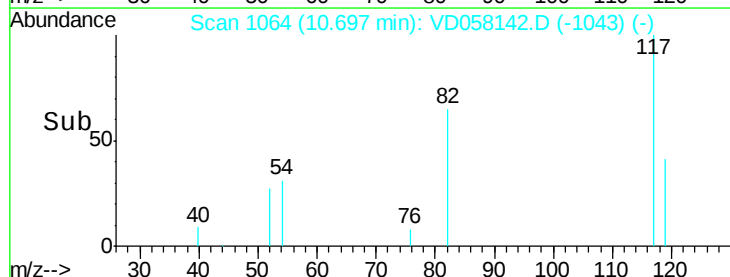
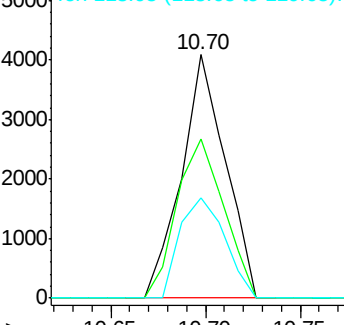
119 41.3 25.8 38.6#

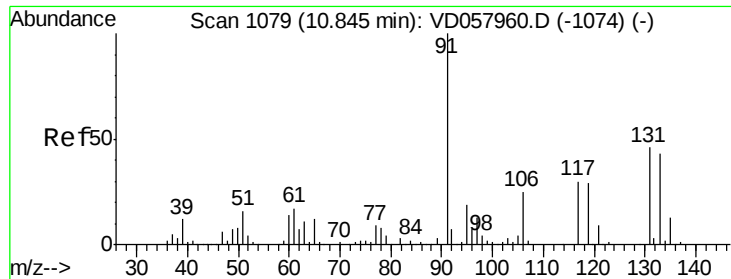


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

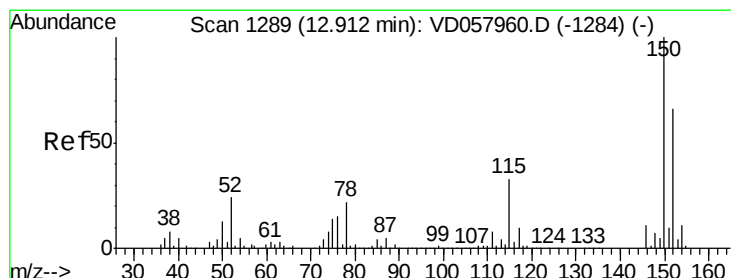
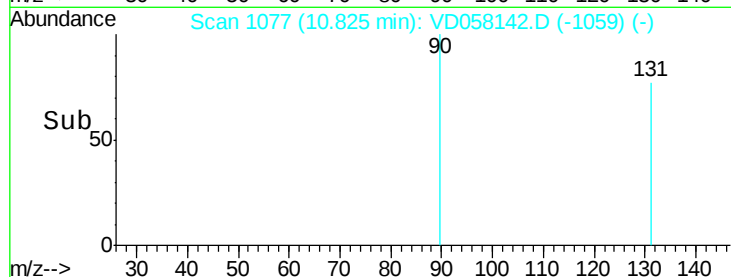
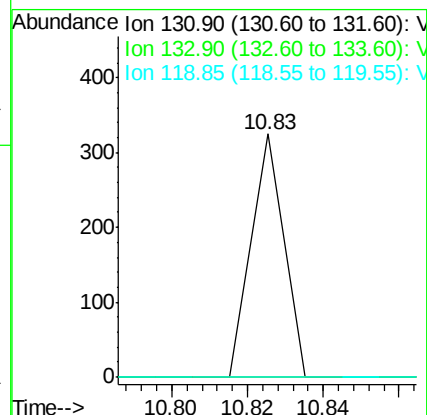
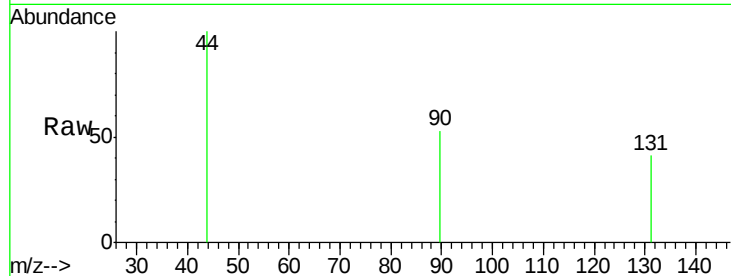




#66
 1,1,1,2-Tetrachloroethane
 Concen: 3.750 ug/l
 RT: 10.83 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: VD058142.D
 Acq: 14 Jun 2018 18:16

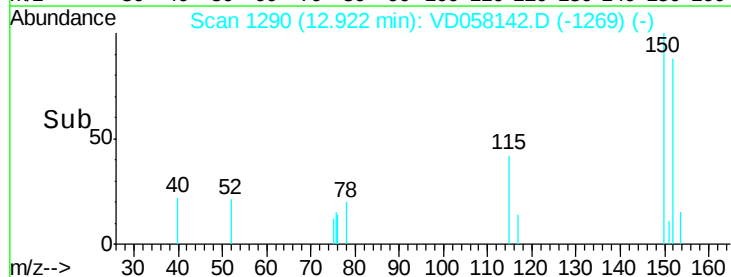
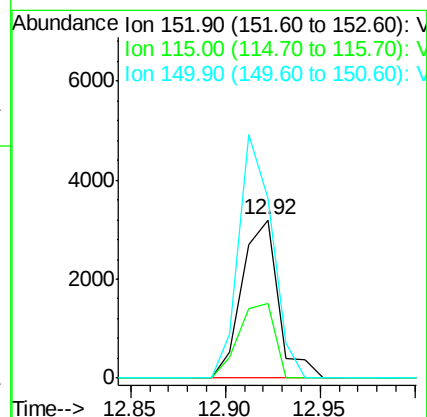
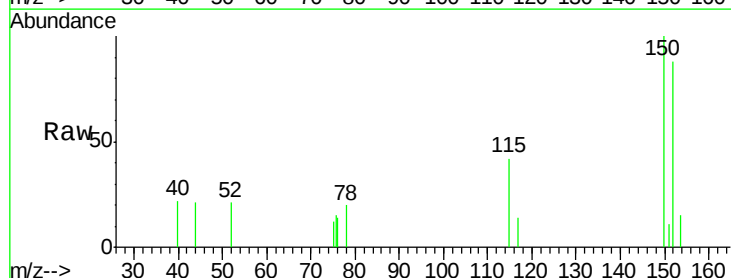
Instrument :
 MSVOA_D
 ClientSampleId :

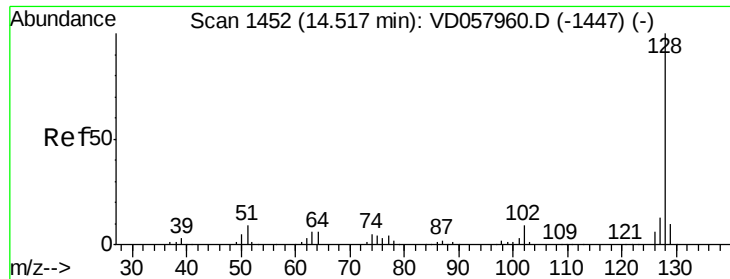
Tot Ion:131 Resp: 192
 Ion Ratio Lower Upper
 131 100
 133 0.0 46.9 140.6#
 119 0.0 31.8 95.3#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: VD058142.D
 Acq: 14 Jun 2018 18:16

Tgt Ion:152 Resp: 4239
 Ion Ratio Lower Upper
 152 100
 115 47.5 25.6 76.6
 150 113.8 0.0 306.8





#95

Naphthalene

Concen: 1.461 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD058142.D

Acq: 14 Jun 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

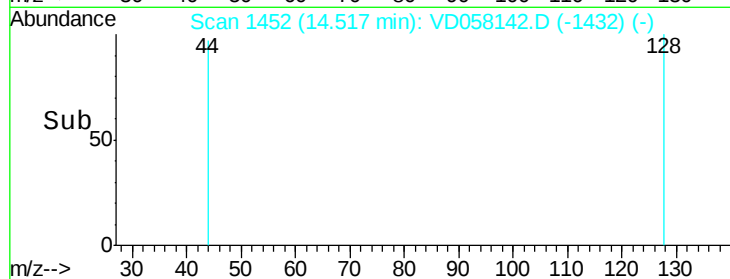
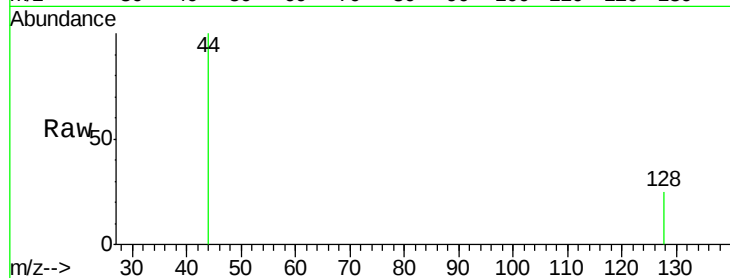
Tot Ion:128 Resp: 200

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.2 12.2#



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

