

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059940.D
 Acq On : 31 Aug 2018 17:18
 Operator : JC/SY
 Sample : J4270-05
 Misc : 4.08g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-083018

Quant Time: Sep 01 03:41:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

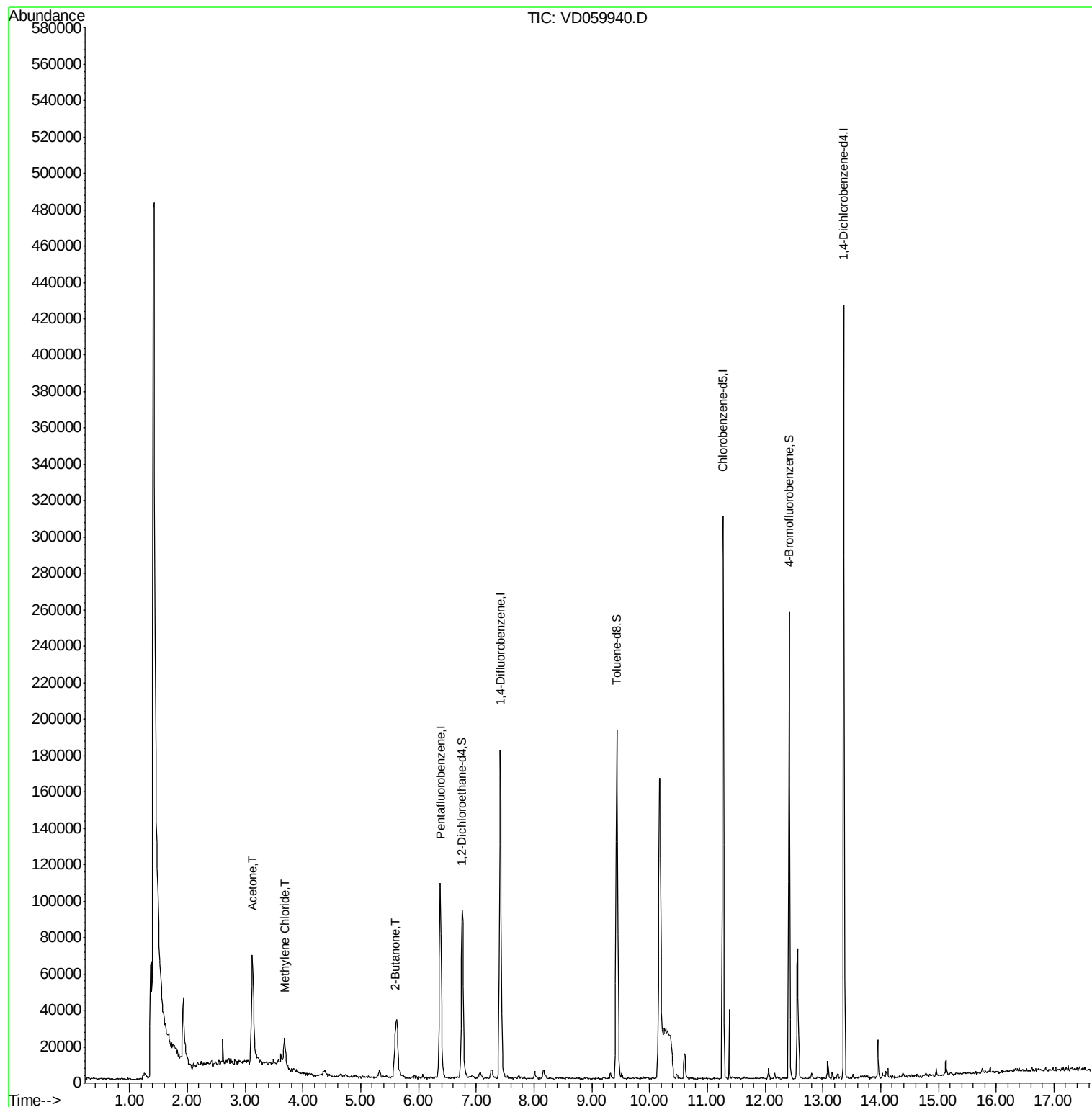
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	105220	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	175076	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	164747	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	89244	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	76366	86.11	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	172.22%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	9.43	98	144539	37.94	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	75.88%	
62) 4-Bromofluorobenzene	12.41	95	68539	44.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.60%	
Target Compounds						
16) Acetone	3.12	43	118951	736.21	ug/l	97
20) Methylene Chloride	3.68	84	8069	4.06	ug/l	82
25) 2-Butanone	5.58	43	35135	73.42	ug/l	97

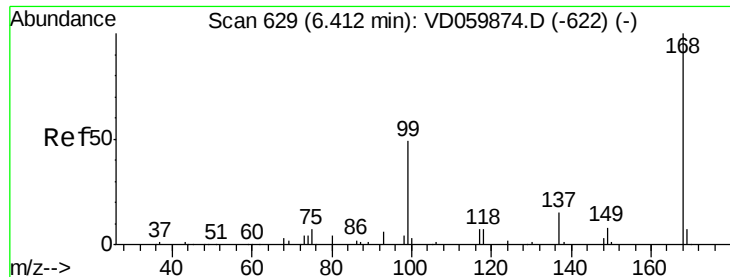
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059940.D

Acq: 31 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

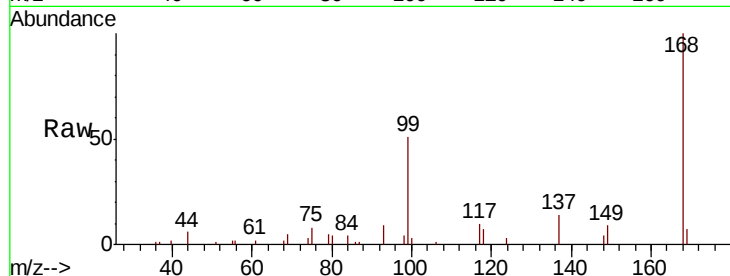
BU-02-083018

Tot Ion:168 Resp: 105220

Ion Ratio Lower Upper

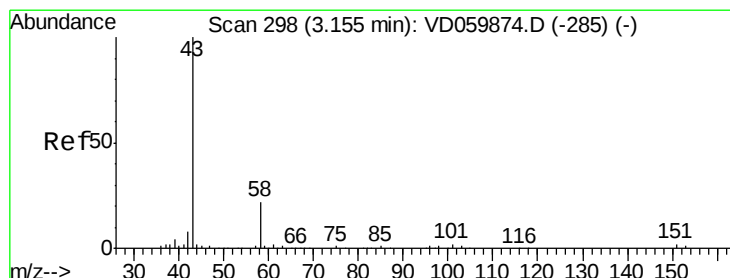
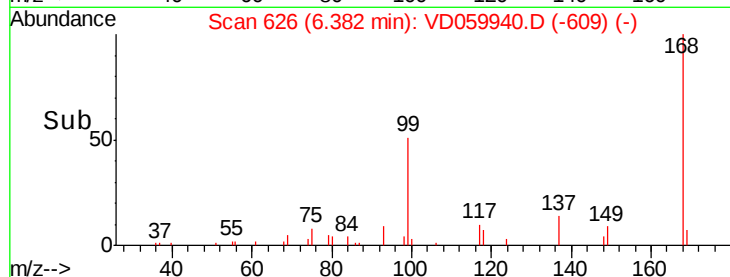
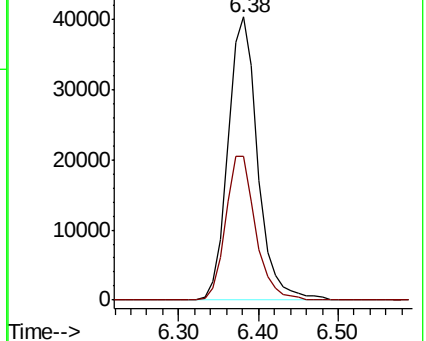
168 100

99 50.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 736.21 ug/l

RT: 3.12 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059940.D

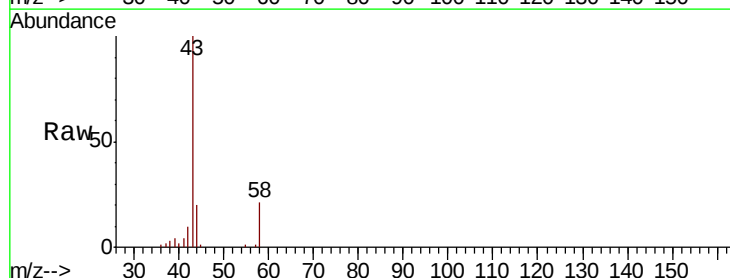
Acq: 31 Aug 2018 17:18

Tgt Ion: 43 Resp: 118951

Ion Ratio Lower Upper

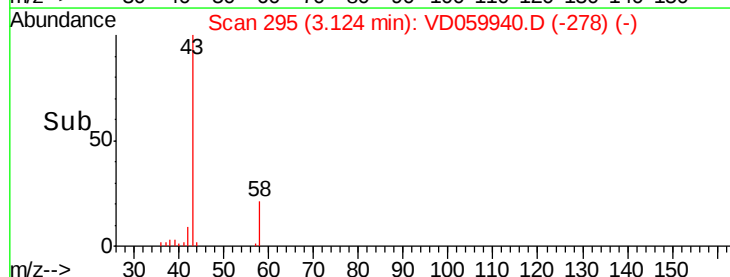
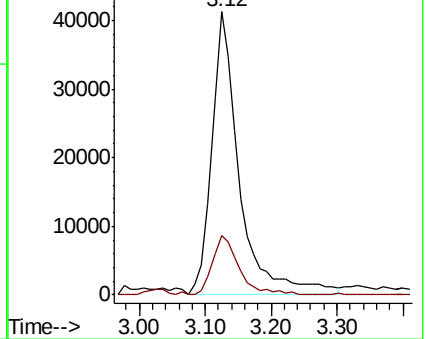
43 100

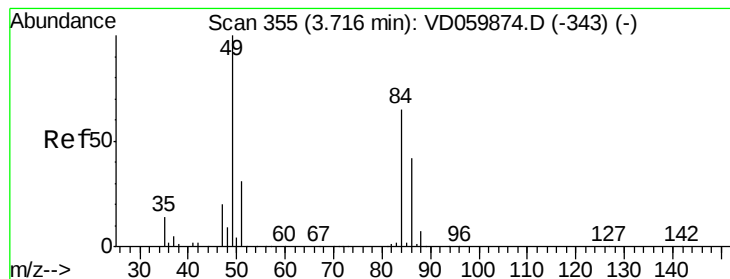
58 20.8 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methvlene Chloride

Concen: 4.06 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.04 min

Lab File: VD059940.D

Acq: 31 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

BU-02-083018

Tot Ion: 84 Resp: 8069

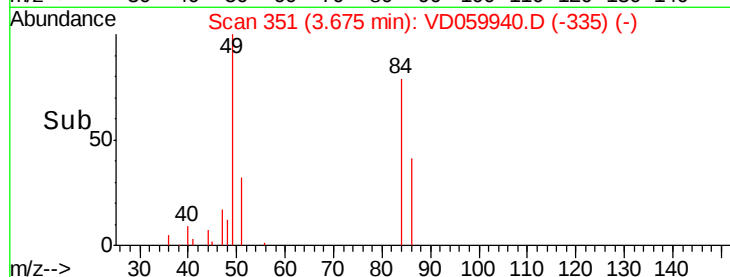
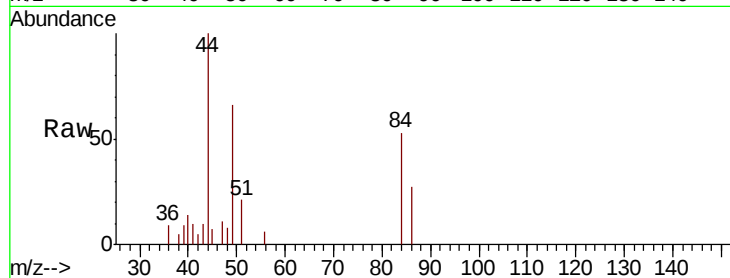
Ion Ratio Lower Upper

84 100

49 126.5 122.6 183.8

51 40.0 38.4 57.6

86 51.6 51.5 77.3

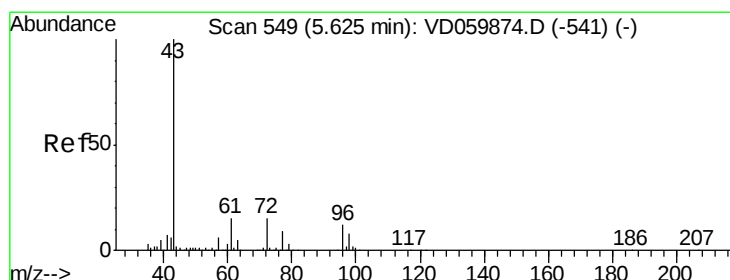
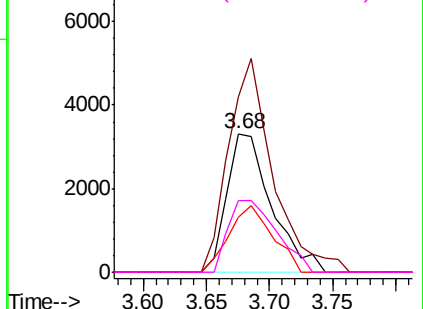


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25

2-Butanone

Concen: 73.42 ug/l

RT: 5.58 min Scan# 545

Delta R.T. -0.04 min

Lab File: VD059940.D

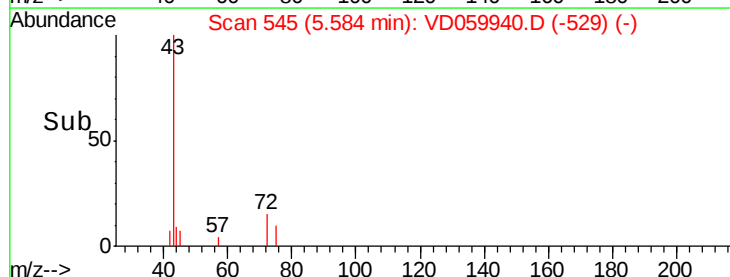
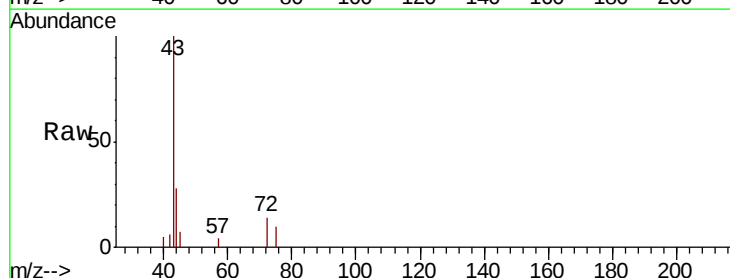
Acq: 31 Aug 2018 17:18

Tgt Ion: 43 Resp: 35135

Ion Ratio Lower Upper

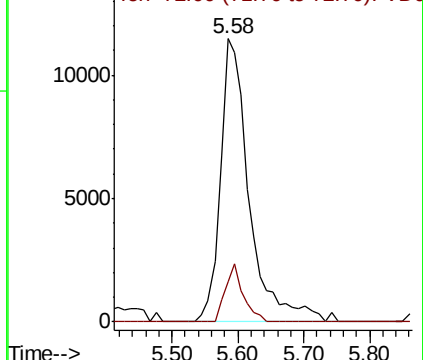
43 100

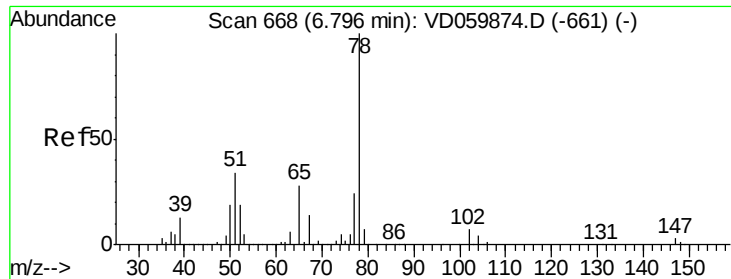
72 14.3 12.3 18.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

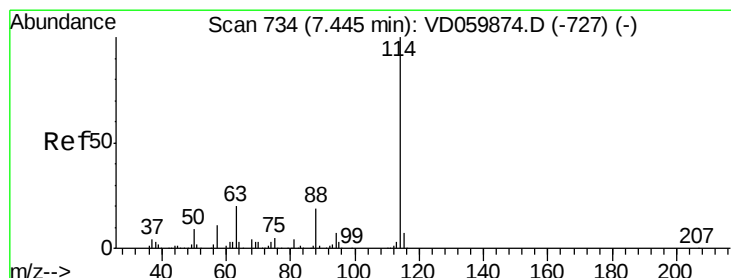
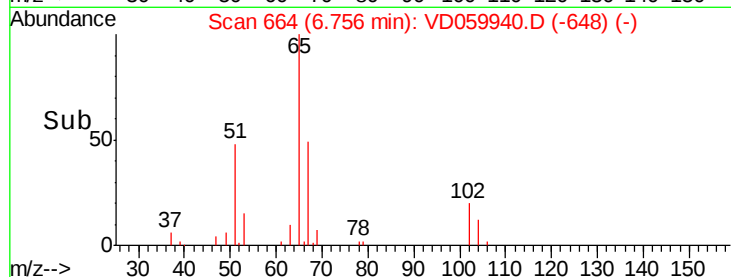
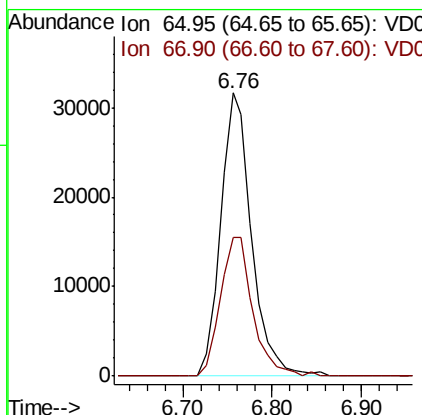
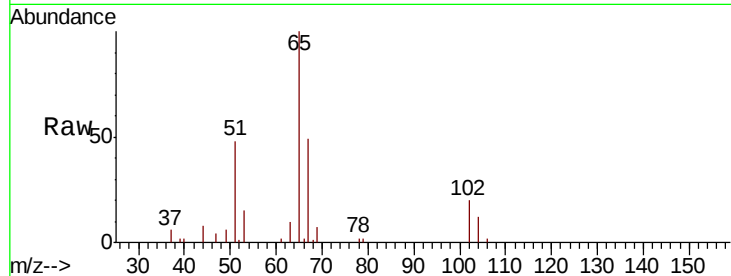




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059940.D
 Acq: 31 Aug 2018 17:18

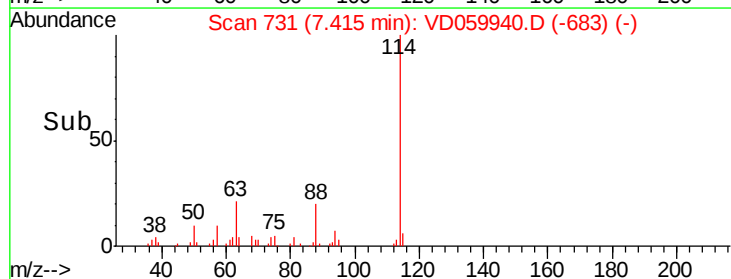
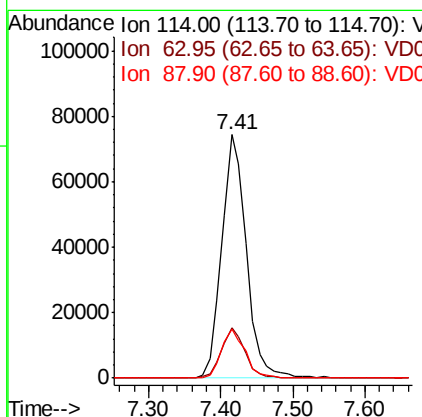
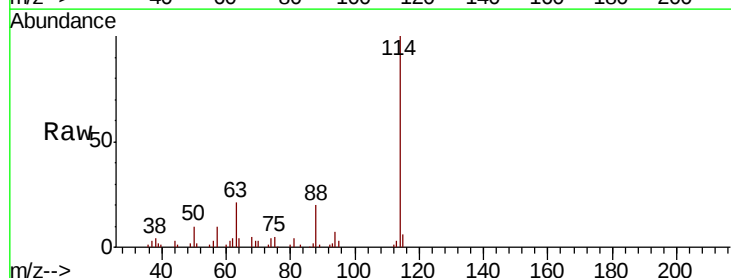
Instrument :
 MSVOA_D
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 BU-02-083018

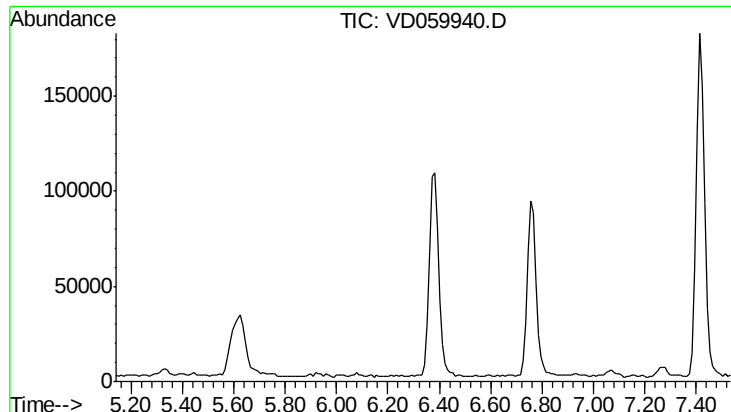
Tot Ion: 65 Resp: 76366
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.41 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: VD059940.D
 Acq: 31 Aug 2018 17:18

Tgt Ion: 114 Resp: 175076
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 20.1 0.0 37.6

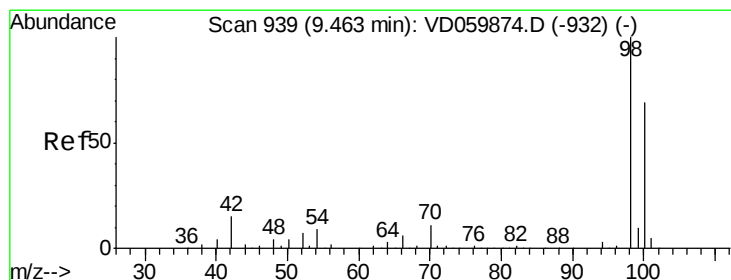
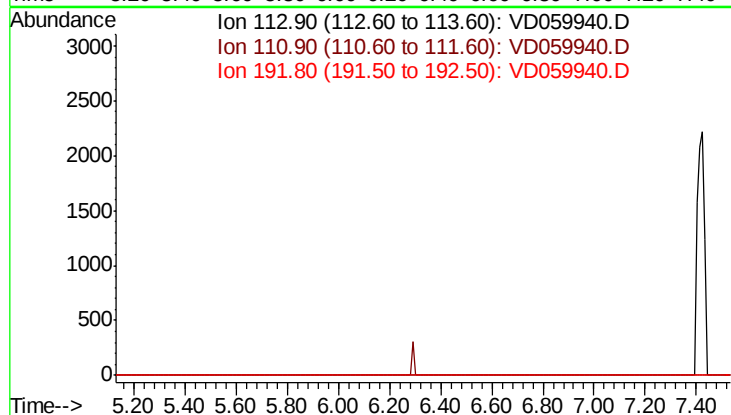




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 Expected RT: 6.33 min
 Lab File: VD059940.D
 Acq: 31 Aug 2018 17:18

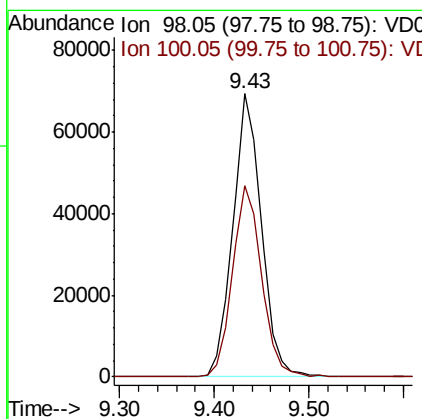
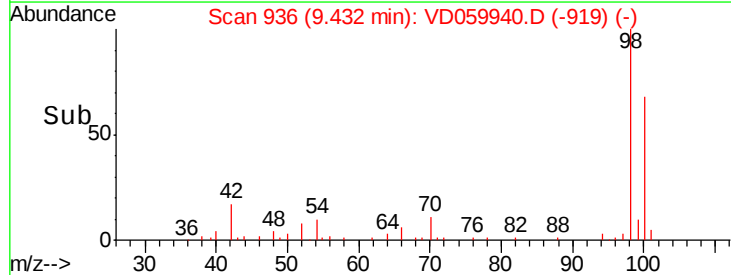
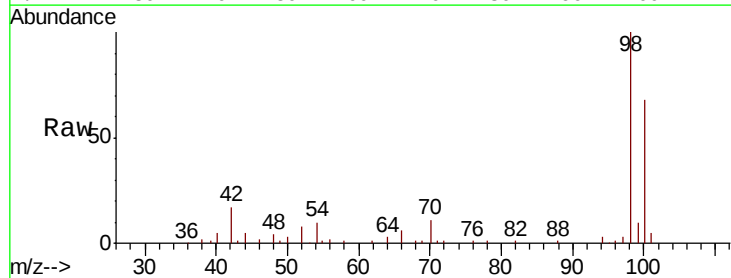
Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-083018

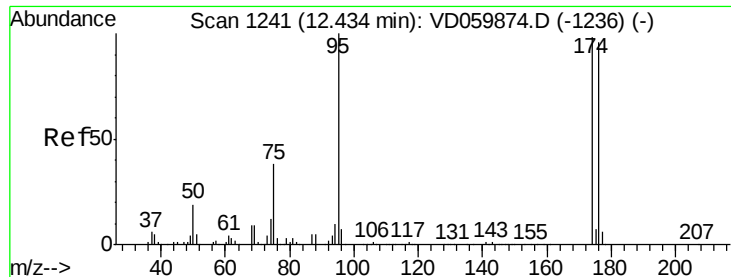
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 101.8
 192 21.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: VD059940.D
 Acq: 31 Aug 2018 17:18

Tgt Ion: 98 Resp: 144539
 Ion Ratio Lower Upper
 98 100
 100 67.7 55.8 83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059940.D

Acq: 31 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

BU-02-083018

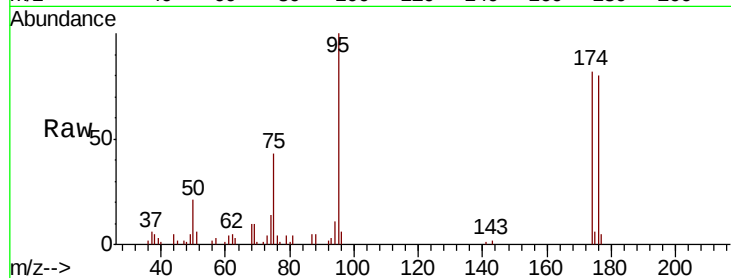
Tot Ion: 95 Resp: 68539

Ion Ratio Lower Upper

95 100

174 81.7 0.0 195.6

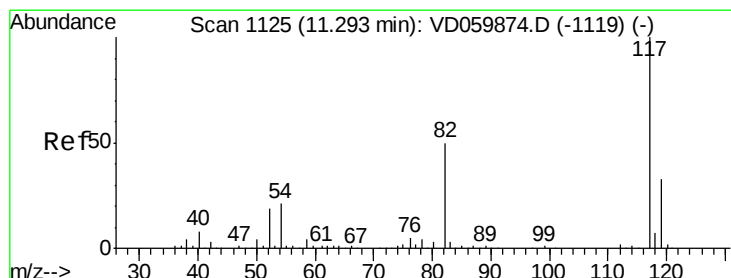
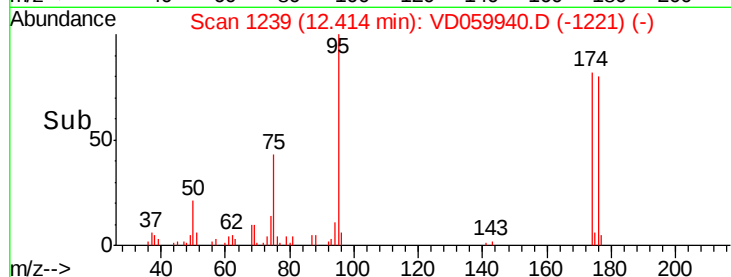
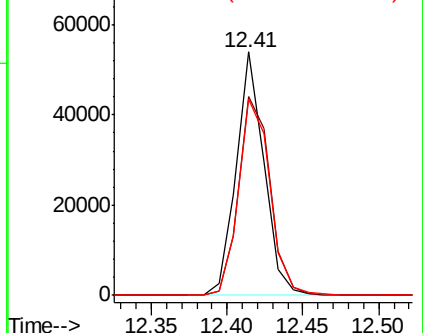
176 80.4 0.0 191.2



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: 50.00 ug/l

RT: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059940.D

Acq: 31 Aug 2018 17:18

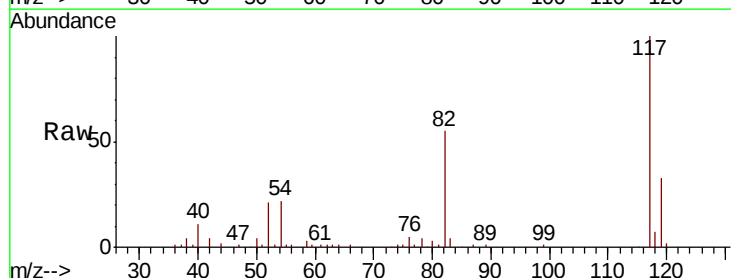
Tgt Ion: 117 Resp: 164747

Ion Ratio Lower Upper

117 100

82 55.2 40.1 60.1

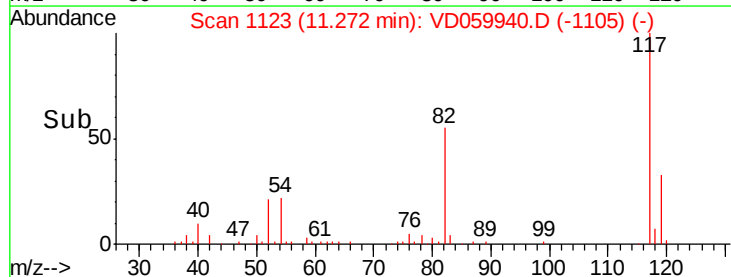
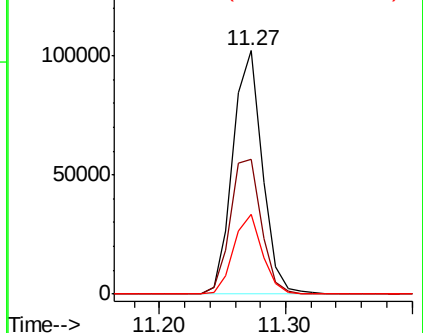
119 32.9 26.7 40.1

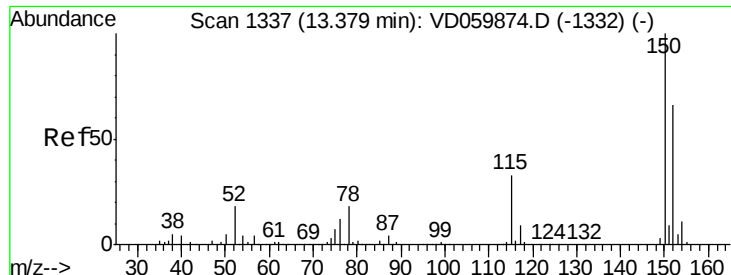


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VD059940.D

Acq: 31 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

BU-02-083018

Tot Ion:152 Resp: 89244

Ion Ratio Lower Upper

152 100

115 57.0 25.7 77.0

150 157.9 0.0 310.2

