

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
 Data File : VD057967.D
 Acq On : 7 Jun 2018 12:57
 Operator : JC/SY
 Sample : VD0607SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

Quant Time: Jun 08 06:46:06 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	1105384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1366975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1128571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	591007	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	500715	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
35) Dibromofluoromethane	5.55	113	529500	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	8.70	98	1239609	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.93	95	526293	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	

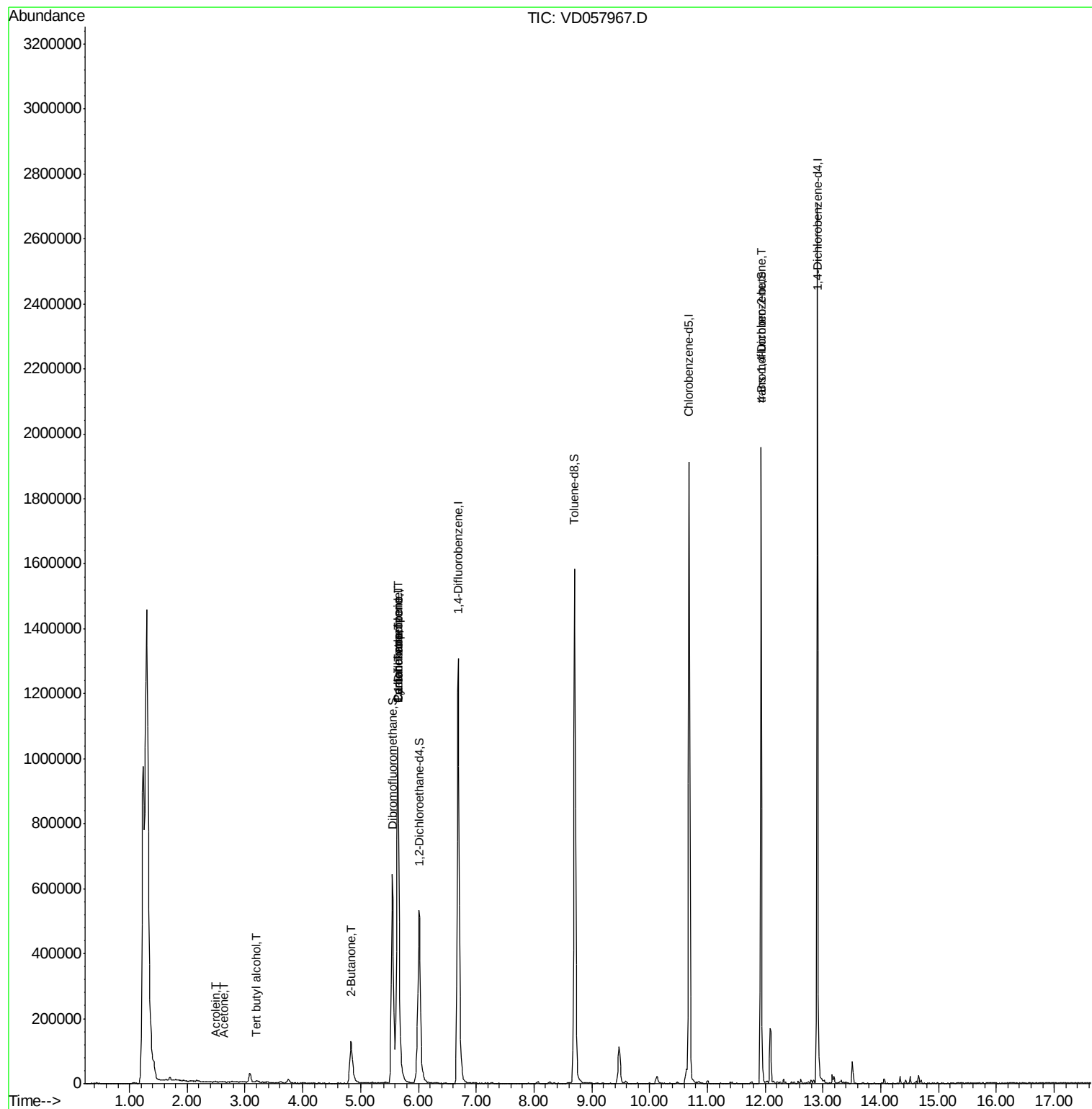
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.21	59	5655	19.102	ug/l #	74
13) Acrolein	2.49	56	483	1.139	ug/l #	16
16) Acetone	2.63	43	6545	4.111	ug/l #	57
20) Methylene Chloride	3.09	84	12414	Below Cal	#	86
25) 2-Butanone	4.84	43	11349	3.136	ug/l #	87
31) Cyclohexane	5.64	56	27375	1.425	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	95079	6.313	ug/l #	51
38) Carbon Tetrachloride	5.64	117	94532	6.369	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.93	75	255361	116.132	ug/l #	6
82) 4-Chlorotoluene	12.32	91	5579	Below Cal		88
89) n-Butylbenzene	13.19	91	3659	Below Cal		69

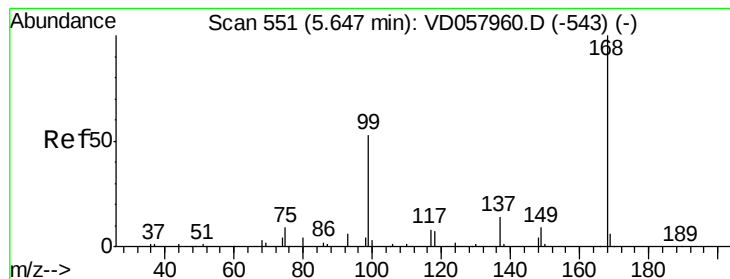
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
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Quant Time: Jun 08 06:46:06 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: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

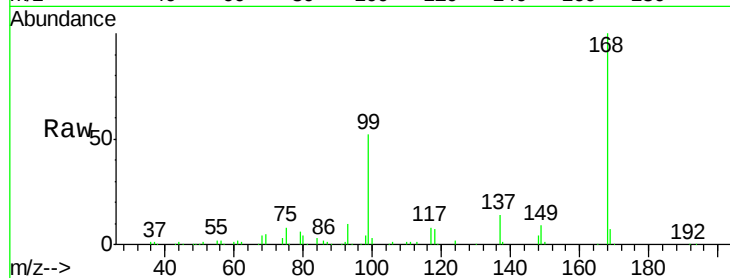
VD0607SBL01

Tgt Ion:168 Resp: 1105384

Ion Ratio Lower Upper

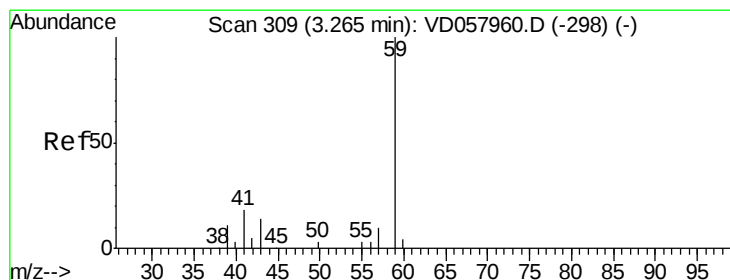
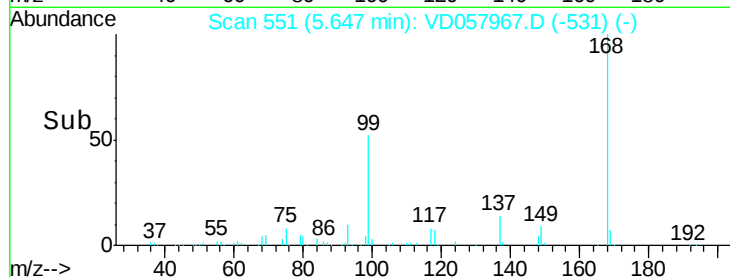
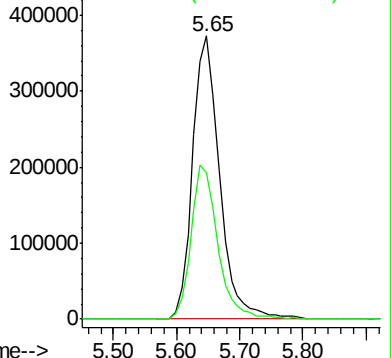
168 100

99 51.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 19.102 ug/l

RT: 3.21 min Scan# 303

Delta R.T. -0.06 min

Lab File: VD057967.D

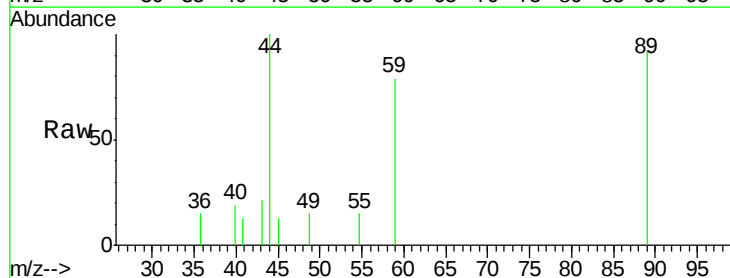
Acq: 7 Jun 2018 12:57

Tgt Ion: 59 Resp: 5655

Ion Ratio Lower Upper

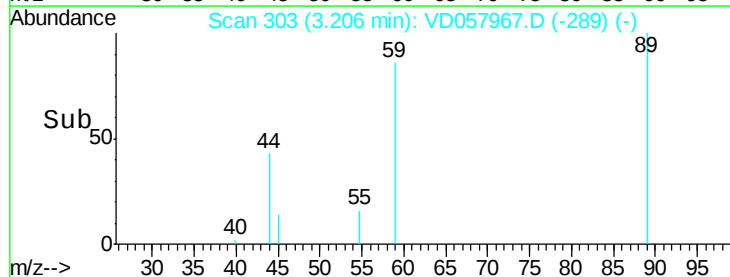
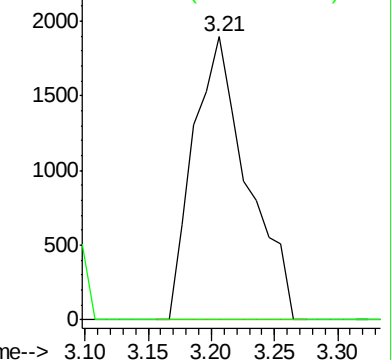
59 100

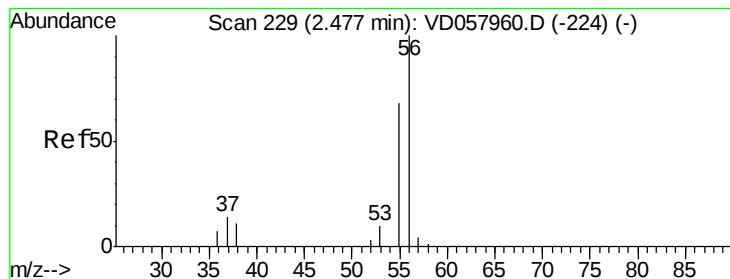
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 1.139 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

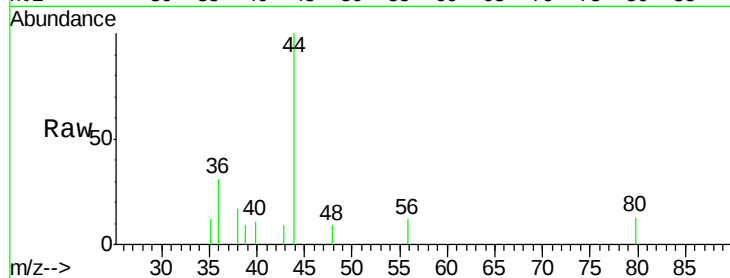
VD0607SBL01

Tgt Ion: 56 Resp: 483

Ion Ratio Lower Upper

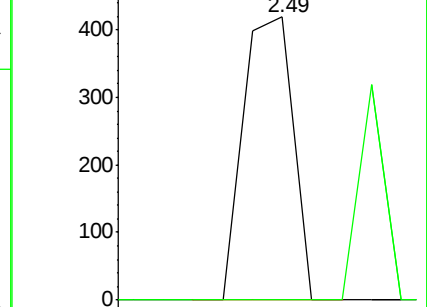
56 100

55 0.0 54.0 81.0#

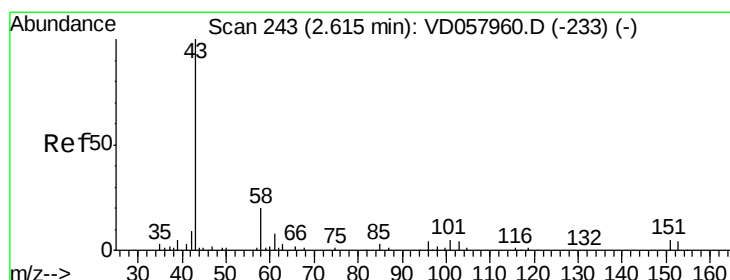
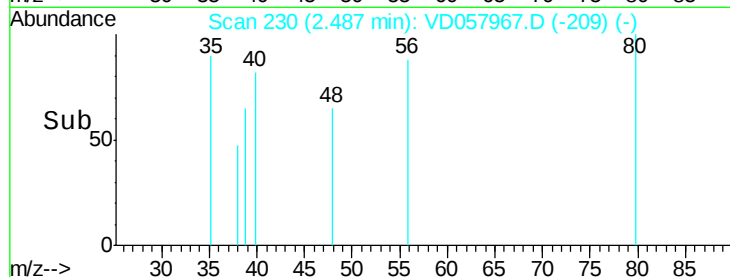


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#16

Acetone

Concen: 4.111 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD057967.D

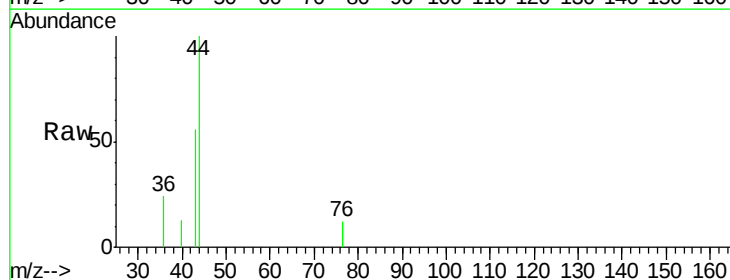
Acq: 7 Jun 2018 12:57

Tgt Ion: 43 Resp: 6545

Ion Ratio Lower Upper

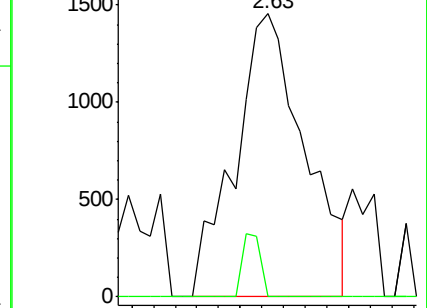
43 100

58 0.0 15.8 23.8#

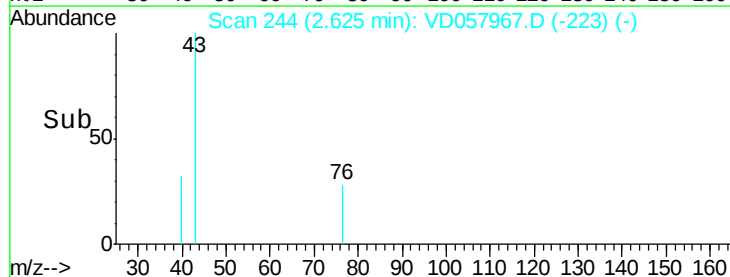


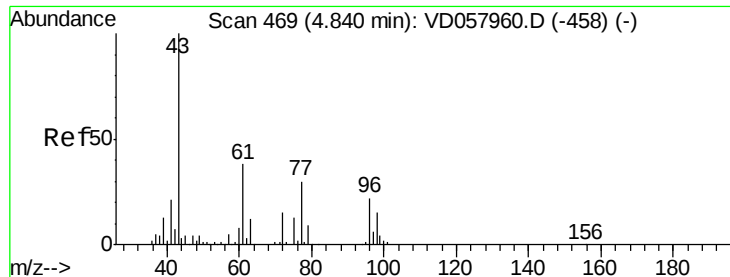
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->





#25

2-Butanone

Concen: 3.136 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

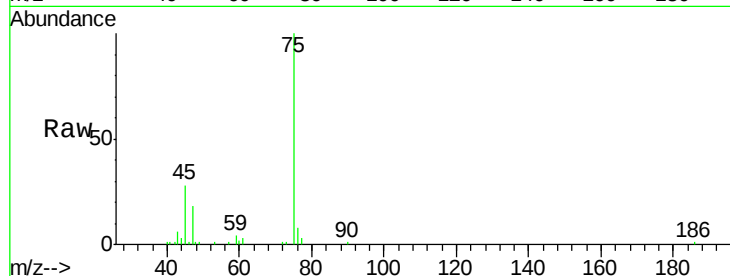
VD0607SBL01

Tgt Ion: 43 Resp: 11349

Ion Ratio Lower Upper

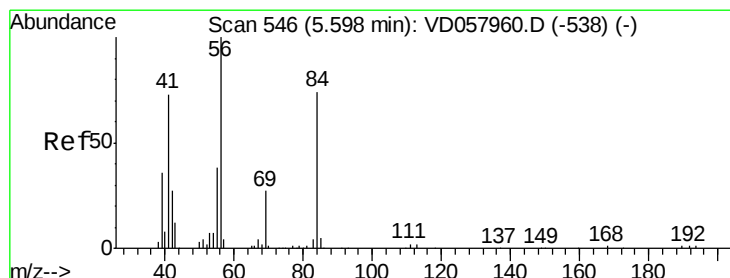
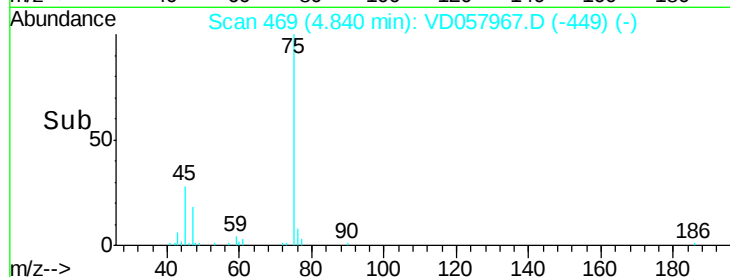
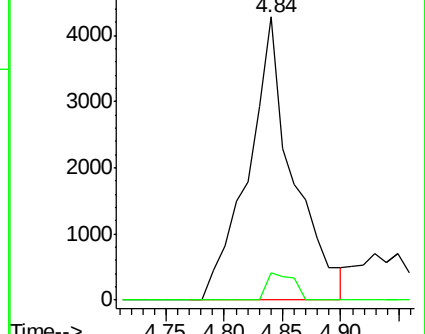
43 100

72 9.7 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.425 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.04 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

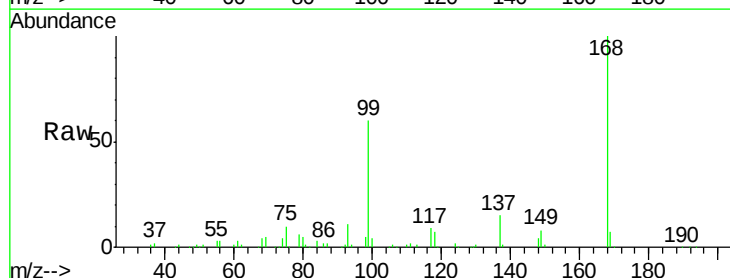
Tgt Ion: 56 Resp: 27375

Ion Ratio Lower Upper

56 100

69 194.3 21.5 32.3#

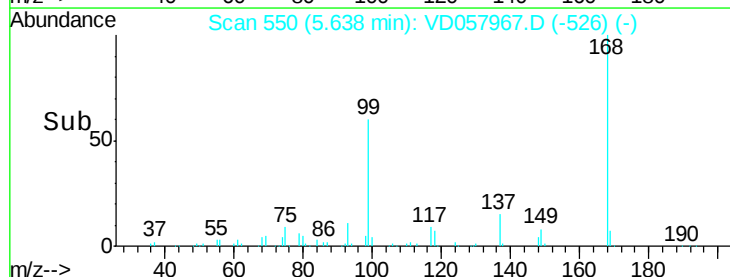
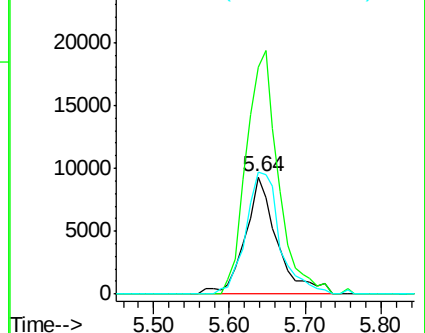
84 104.1 61.0 91.6#

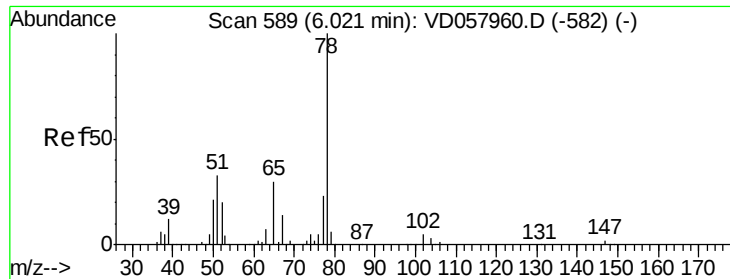


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

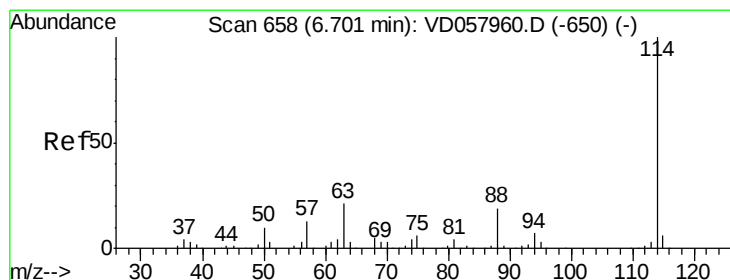
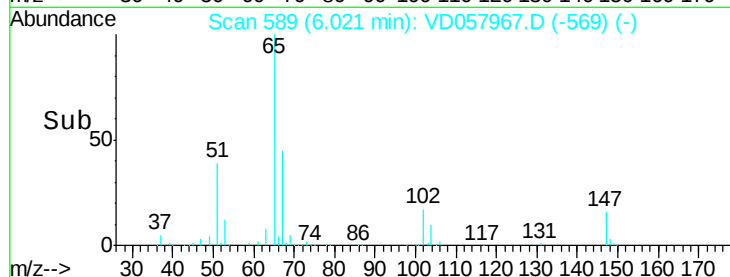
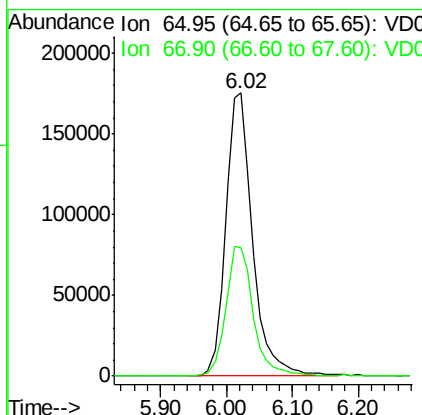
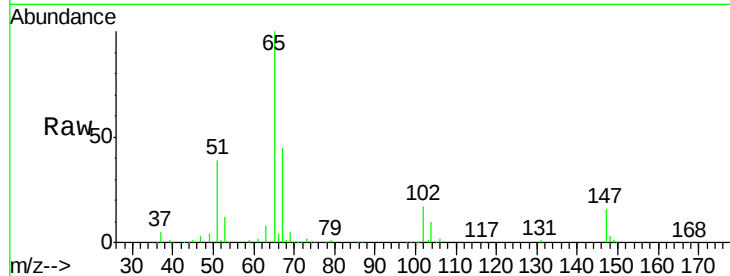




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VD057967.D
 Acq: 7 Jun 2018 12:57

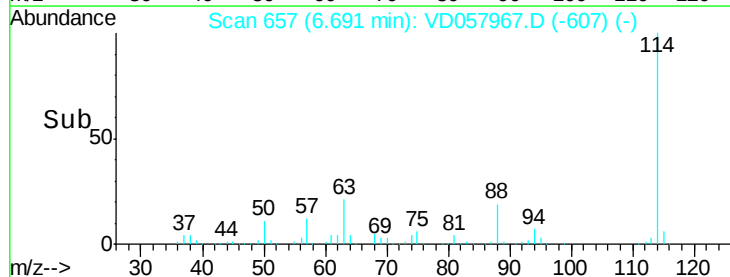
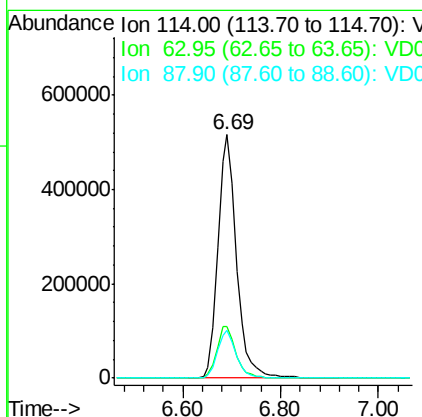
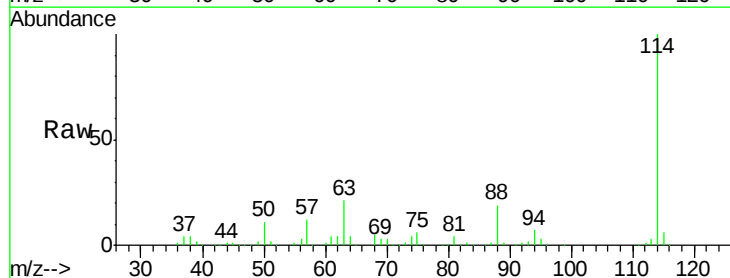
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

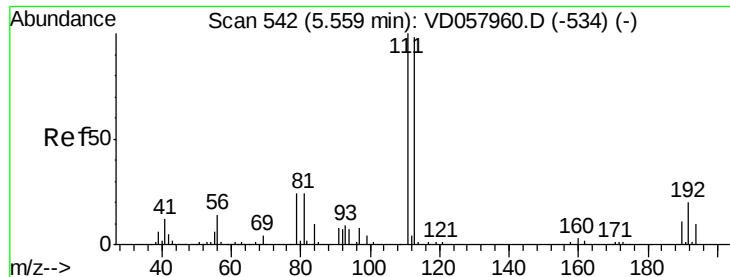
Tgt Ion: 65 Resp: 500715
 Ion Ratio Lower Upper
 65 100
 67 45.2 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD057967.D
 Acq: 7 Jun 2018 12:57

Tgt Ion: 114 Resp: 1366975
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 19.5 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBL01

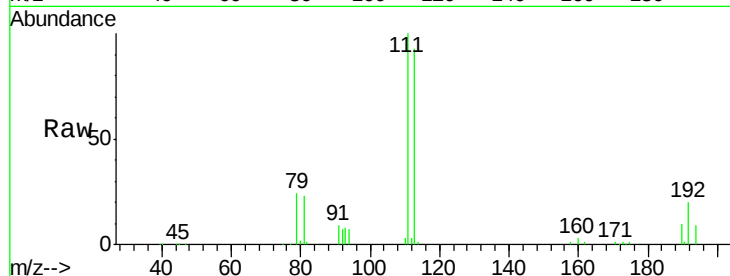
Tgt Ion:113 Resp: 529500

Ion Ratio Lower Upper

113 100

111 107.5 81.5 122.3

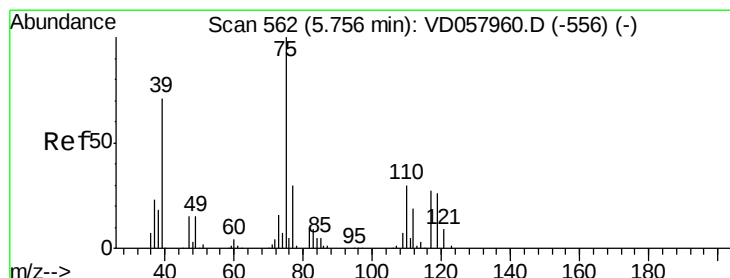
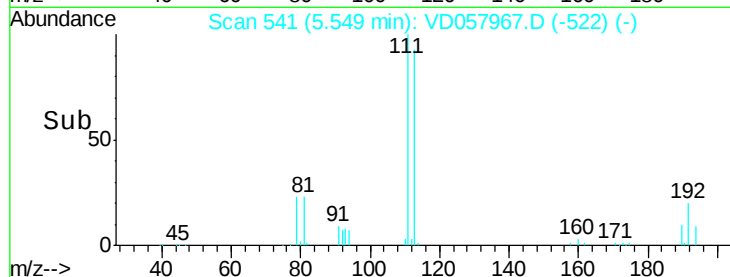
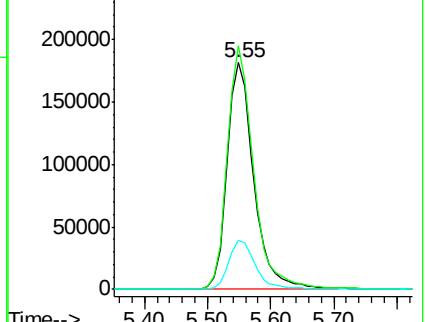
192 21.6 16.4 24.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.313 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.12 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

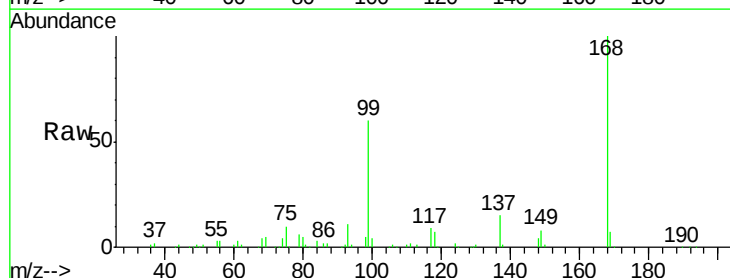
Tgt Ion: 75 Resp: 95079

Ion Ratio Lower Upper

75 100

110 6.5 14.8 44.3#

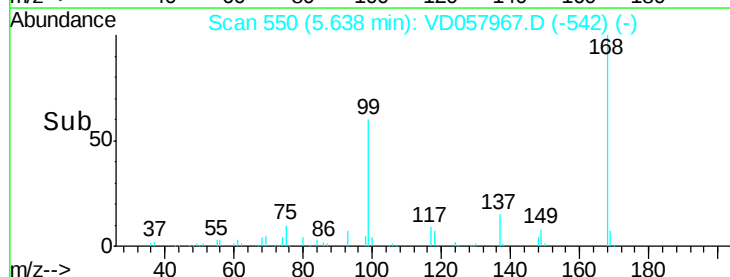
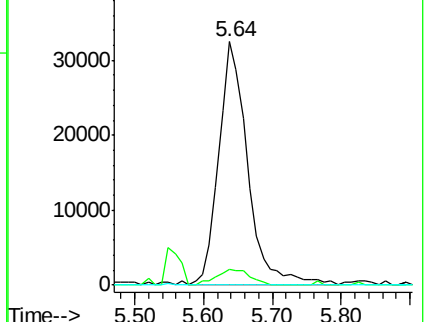
77 0.0 23.9 35.9#

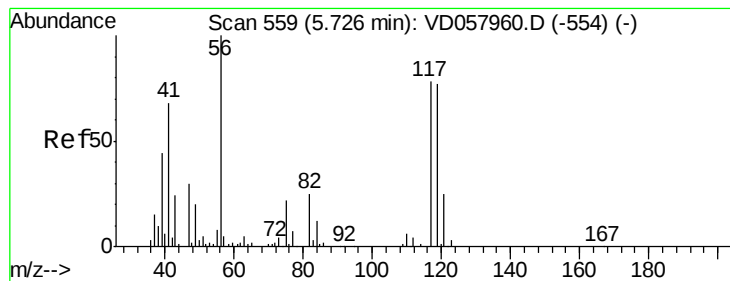


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 6.369 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.09 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBL01

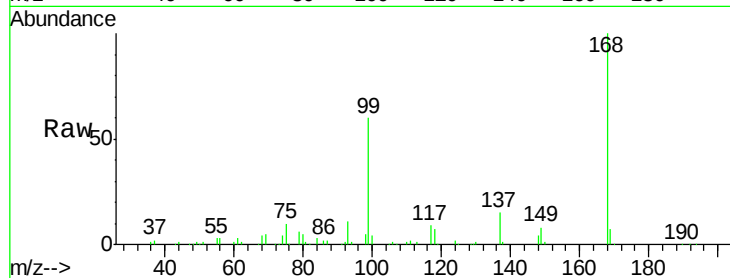
Tgt Ion:117 Resp: 94532

Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

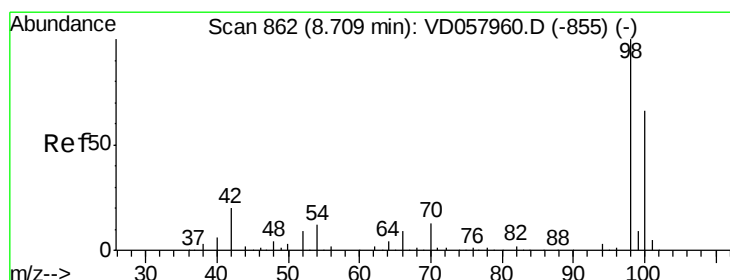
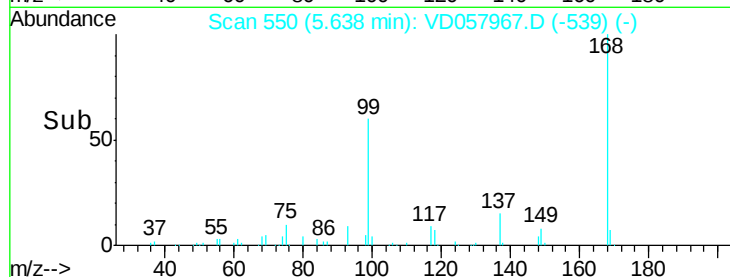
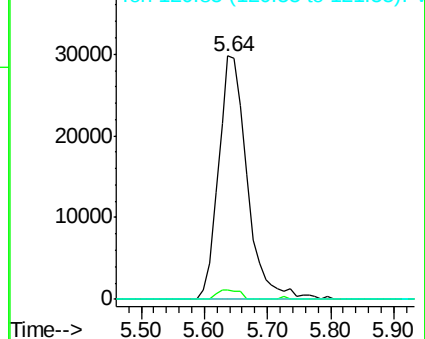
121 0.0 24.9 37.3#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD057967.D

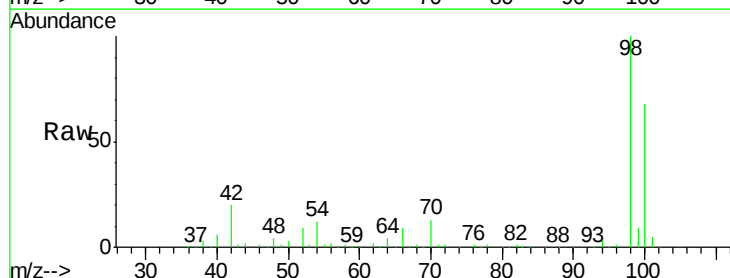
Acq: 7 Jun 2018 12:57

Tgt Ion: 98 Resp: 1239609

Ion Ratio Lower Upper

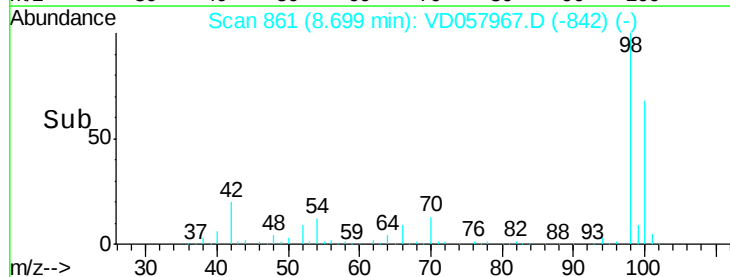
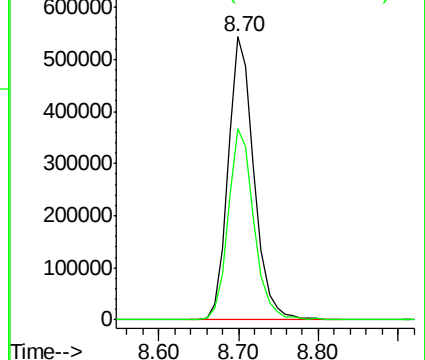
98 100

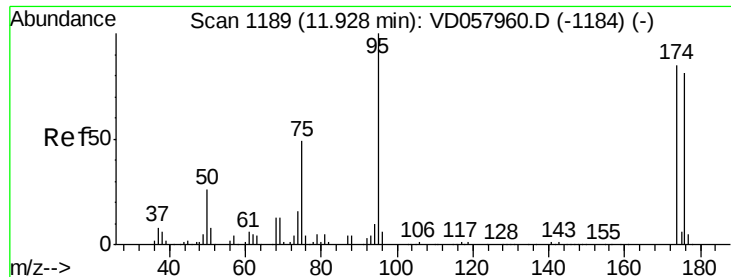
100 67.6 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

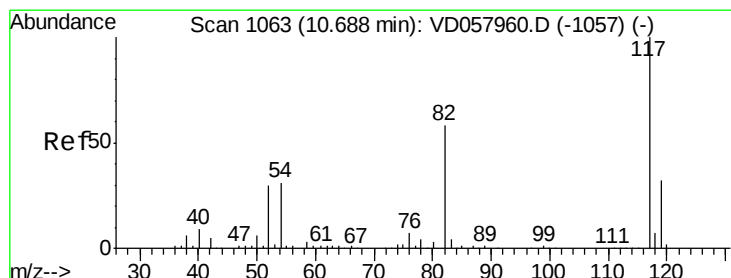
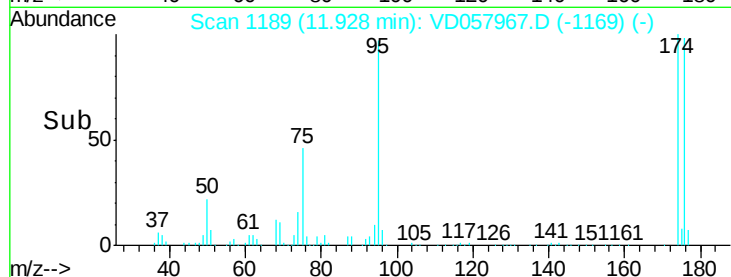
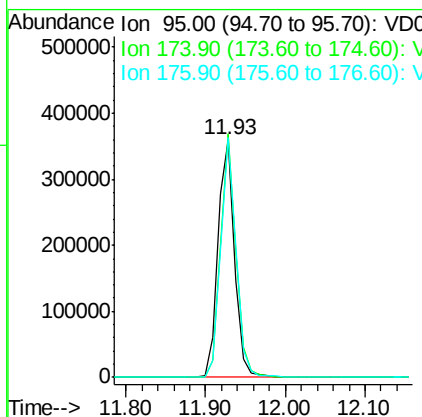
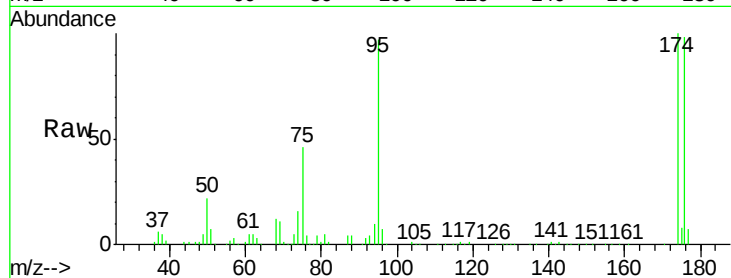




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

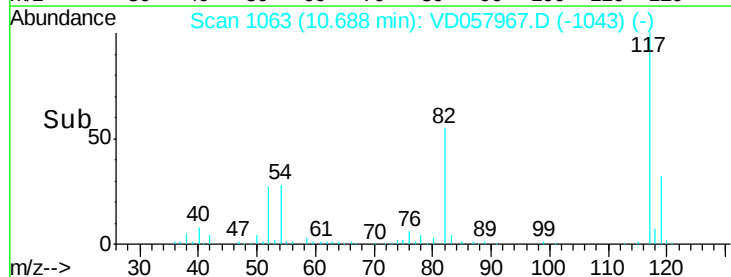
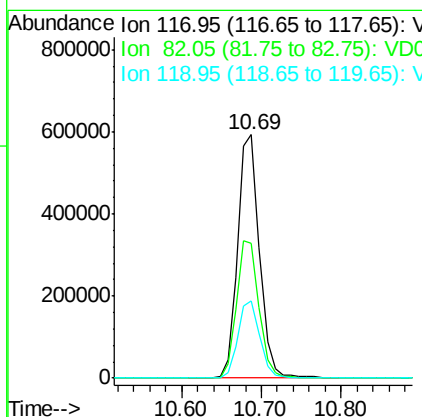
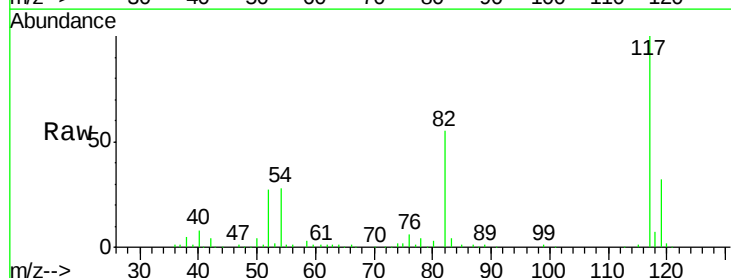
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

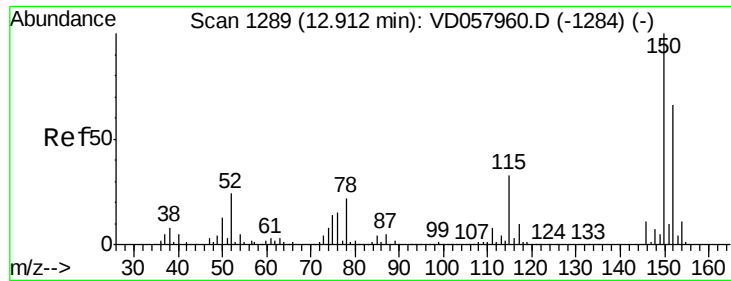
Tgt Ion: 95 Resp: 526293
Ion Ratio Lower Upper
95 100
174 102.6 0.0 169.4
176 100.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion: 117 Resp: 1128571
Ion Ratio Lower Upper
117 100
82 55.3 46.8 70.2
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBL01

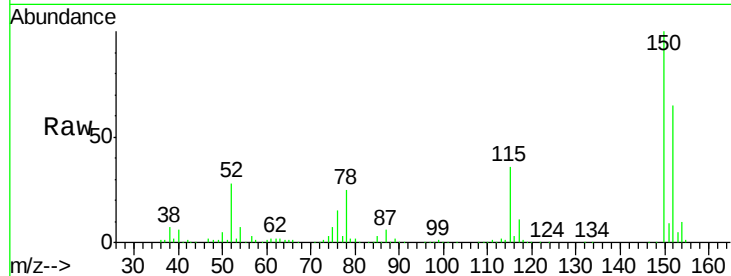
Tgt Ion:152 Resp: 591007

Ion Ratio Lower Upper

152 100

115 55.6 25.6 76.6

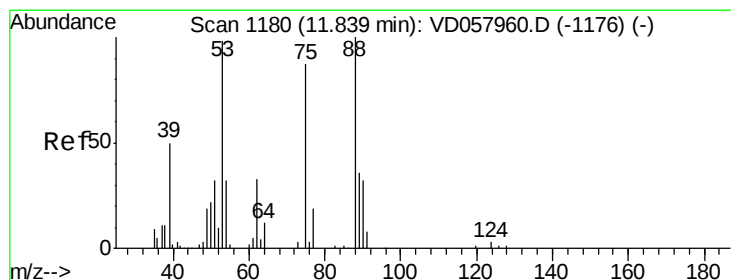
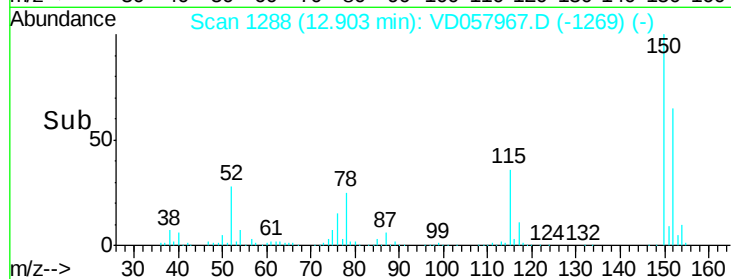
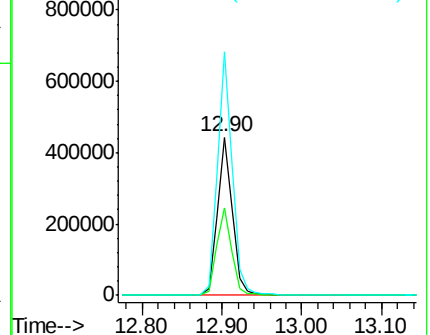
150 154.2 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 116.132 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

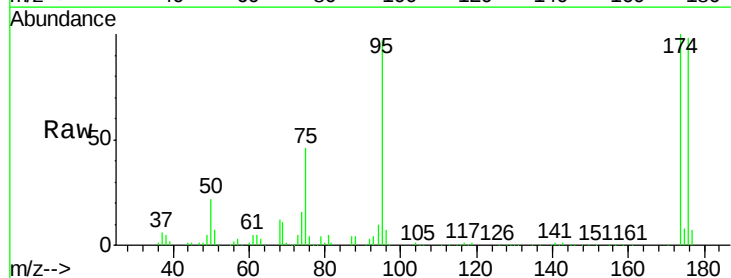
Tgt Ion: 75 Resp: 255361

Ion Ratio Lower Upper

75 100

53 0.0 89.3 133.9#

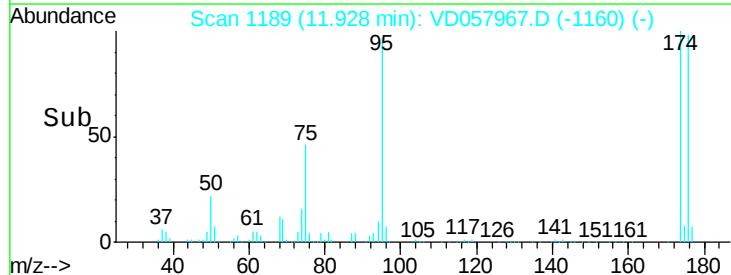
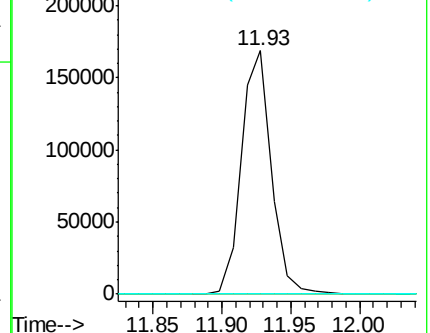
89 0.0 33.3 49.9#

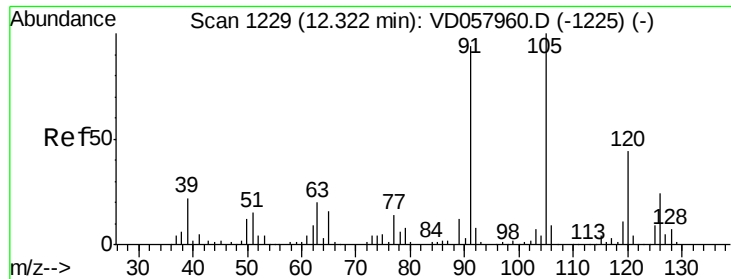


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

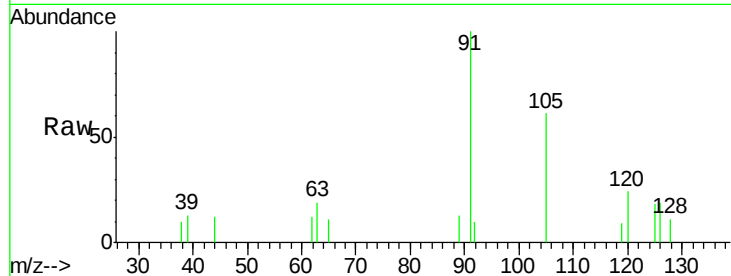
VD0607SBL01

Tgt Ion: 91 Resp: 5579

Ion Ratio Lower Upper

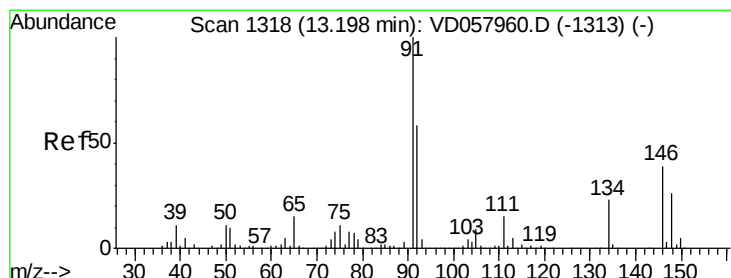
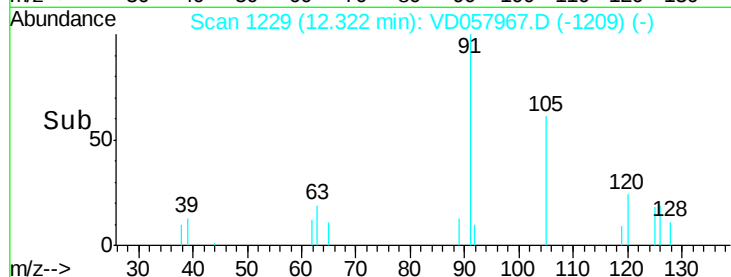
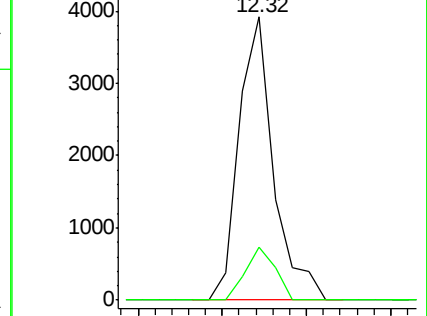
91 100

126 18.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC



#89

n-Butylbenzene

Concen: Below Cal

RT: 13.19 min Scan# 1317

Delta R.T. -0.01 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

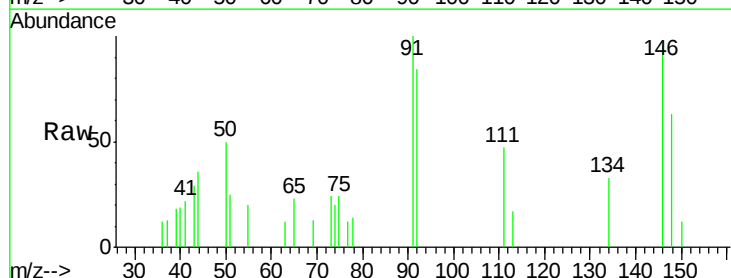
Tgt Ion: 91 Resp: 3659

Ion Ratio Lower Upper

91 100

92 84.5 29.2 87.6

134 33.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC

