

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
 Data File : VD057999.D
 Acq On : 8 Jun 2018 5:57
 Operator : JC/SY
 Sample : J3329-08RE
 Misc : 6.13g/5ml/MSVOA_D/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-36(0-5)RE

Quant Time: Jun 08 06:55:44 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	5.64	168	32555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	63875	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	64804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	35756	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	45439	139.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.22%	
35) Dibromofluoromethane	5.54	113	31532	63.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	127.60%	
50) Toluene-d8	8.70	98	49830	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
62) 4-Bromofluorobenzene	11.92	95	30519	59.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.08%	

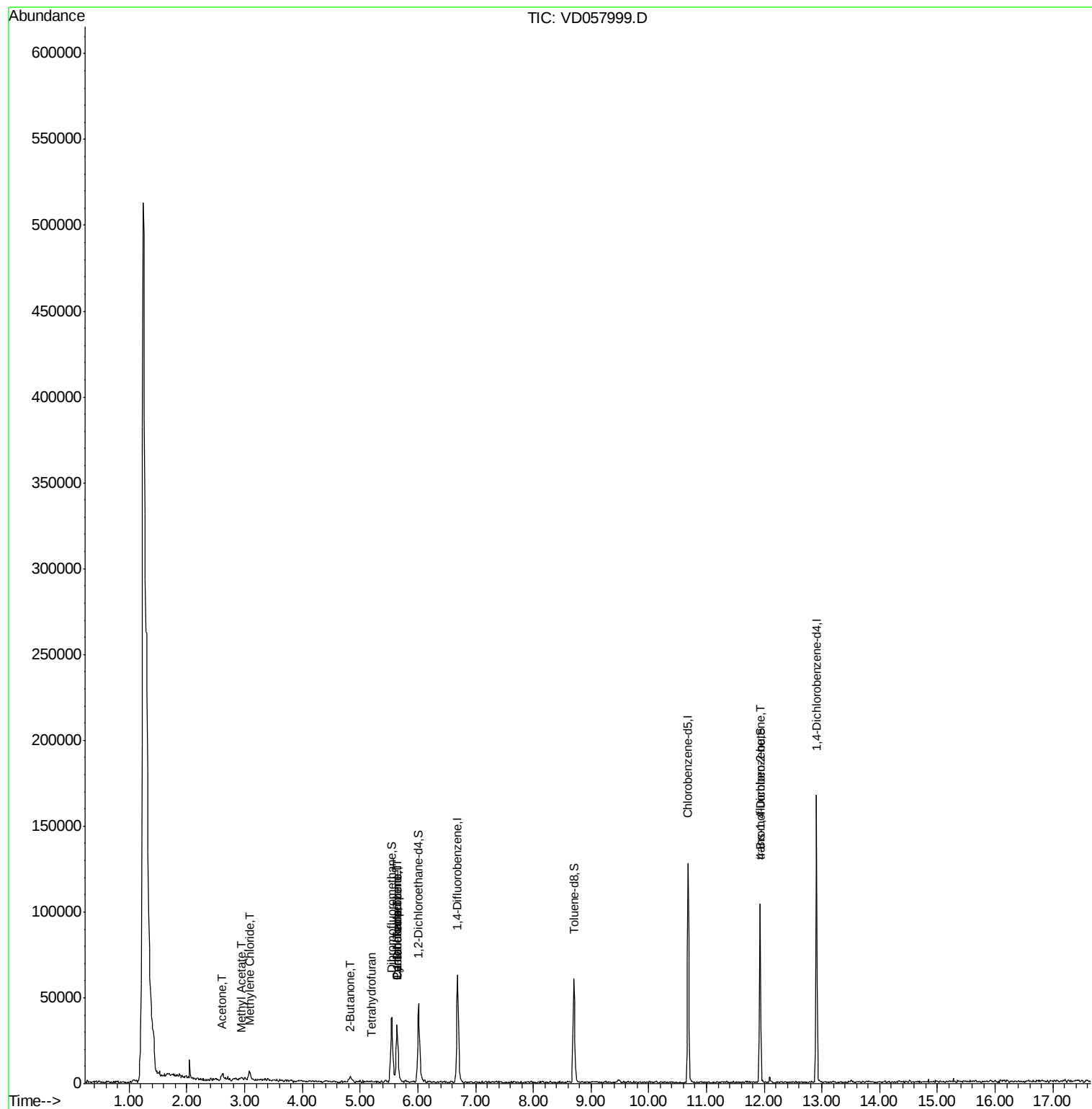
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	7146	152.395	ug/l #	57
18) Methyl Acetate	2.94	43	890	9.811	ug/l #	66
20) Methylene Chloride	3.07	84	1894	10.857	ug/l #	79
25) 2-Butanone	4.83	43	255	2.393	ug/l #	64
29) Tetrahydrofuran	5.19	42	412	7.375	ug/l #	39
31) Cyclohexane	5.64	56	571	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	2549	3.622	ug/l #	45
38) Carbon Tetrachloride	5.64	117	2660	3.835	ug/l #	12
81) trans-1,4-Dichloro-2-buten	11.92	75	15139	113.799	ug/l #	6
82) 4-Chlorotoluene	12.32	91	266	Below Cal	#	50

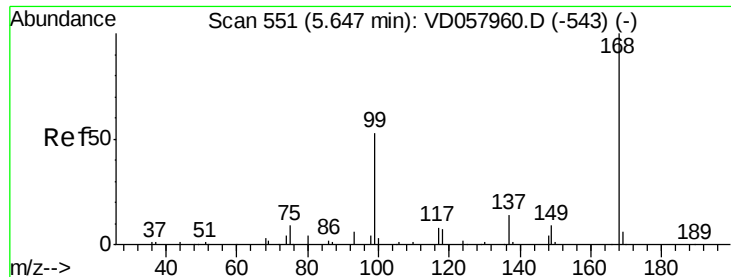
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

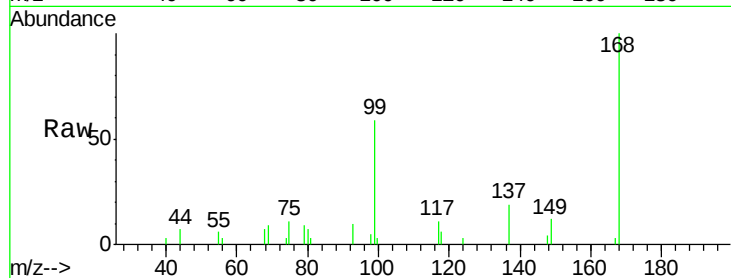
MH-36(0-5)RE

Tgt Ion:168 Resp: 32555

Ion Ratio Lower Upper

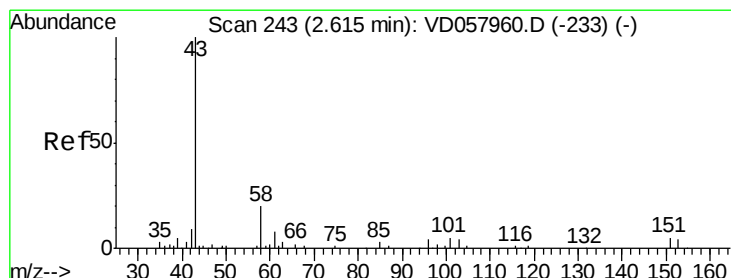
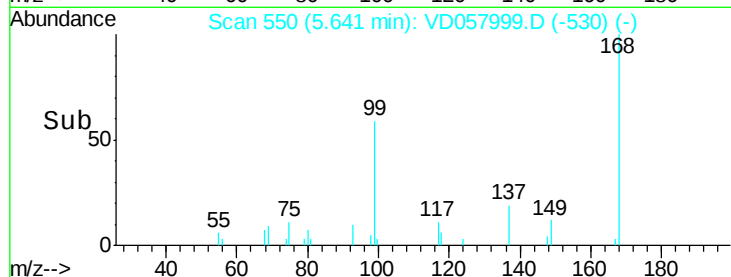
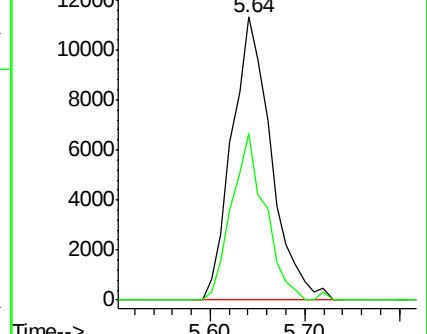
168 100

99 62.4 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: 152.395 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD057999.D

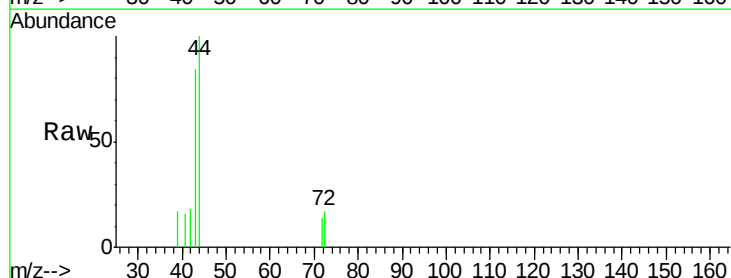
Acq: 8 Jun 2018 5:57

Tgt Ion: 43 Resp: 7146

Ion Ratio Lower Upper

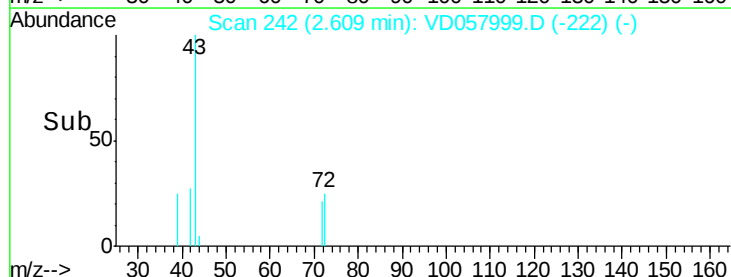
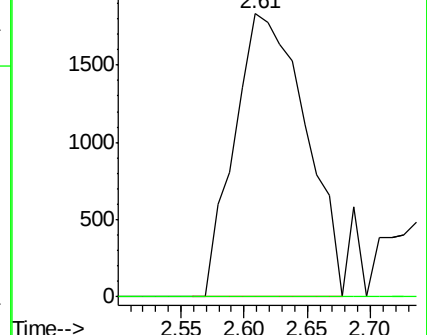
43 100

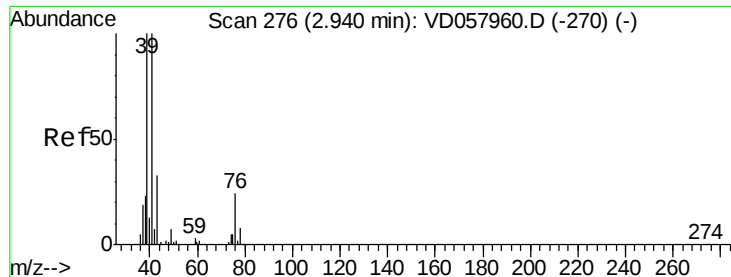
58 0.0 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

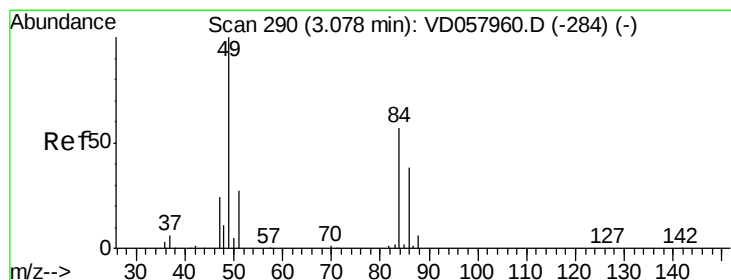
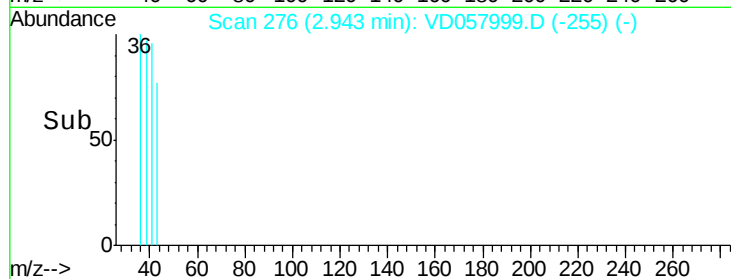
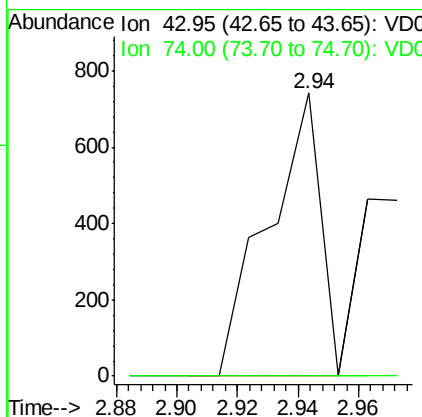
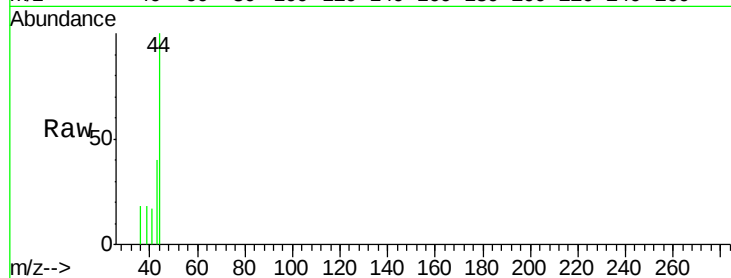




#18
Methyl Acetate
Concen: 9.811 ug/l
RT: 2.94 min Scan# 276
Delta R.T. 0.00 min
Lab File: VD057999.D
Acq: 8 Jun 2018 5:57

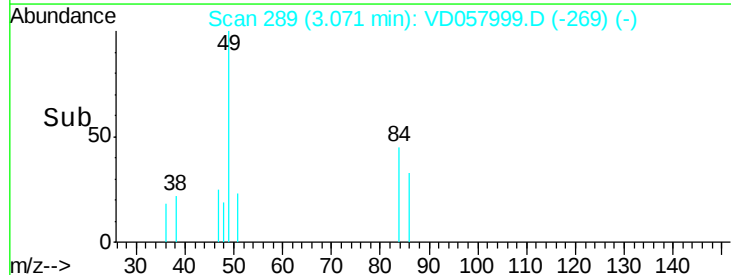
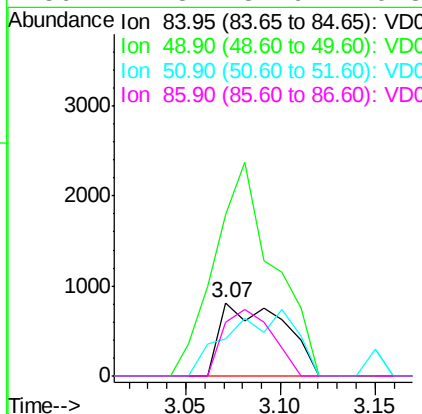
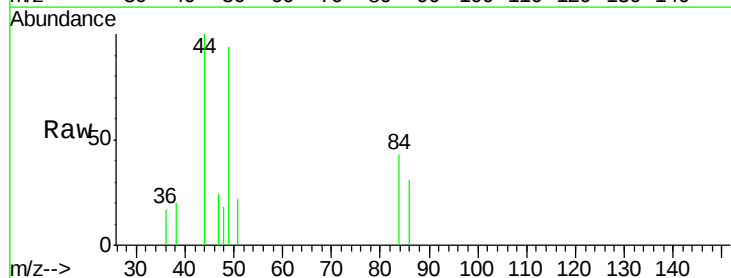
Instrument :
MSVOA_D
ClientSampleId :
MH-36(0-5)RE

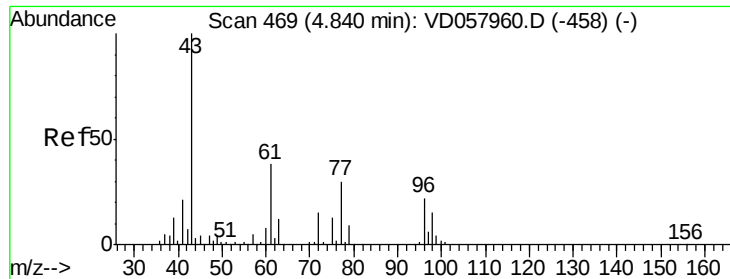
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
74 0.0 11.2 16.8#



#20
Methylene Chloride
Concen: 10.857 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD057999.D
Acq: 8 Jun 2018 5:57

Tgt Ion: 84 Resp: 1894
Ion Ratio Lower Upper
84 100
49 219.8 141.4 212.0#
51 50.6 38.3 57.5
86 72.8 52.9 79.3





#25

2-Butanone

Concen: 2.393 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

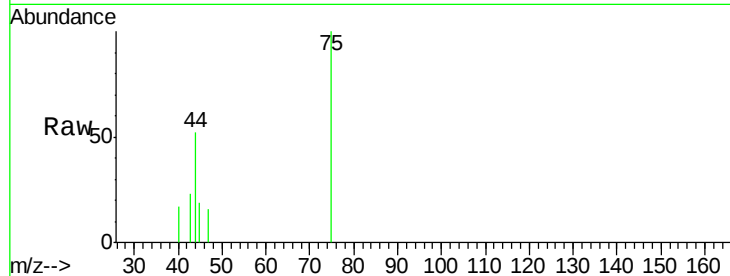
MH-36(0-5)RE

Tgt Ion: 43 Resp: 255

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

4.83

400

300

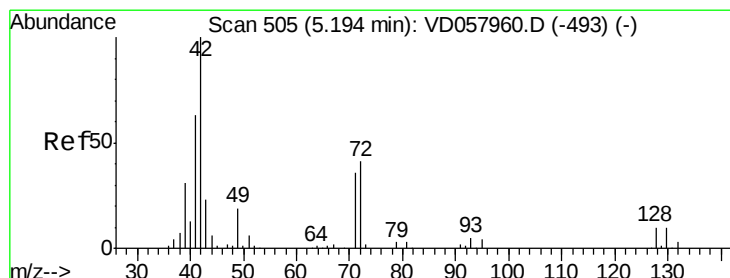
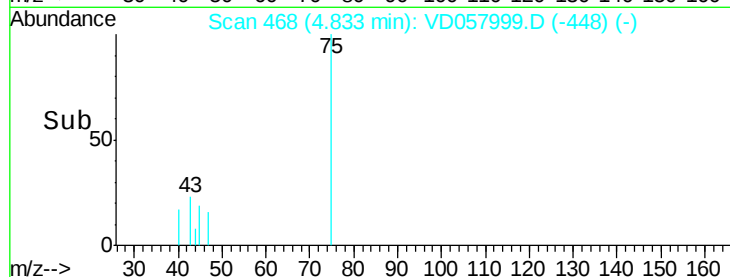
200

100

0

4.80 4.82 4.84 4.86

Time-->



#29

Tetrahydrofuran

Concen: 7.375 ug/l

RT: 5.19 min Scan# 504

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

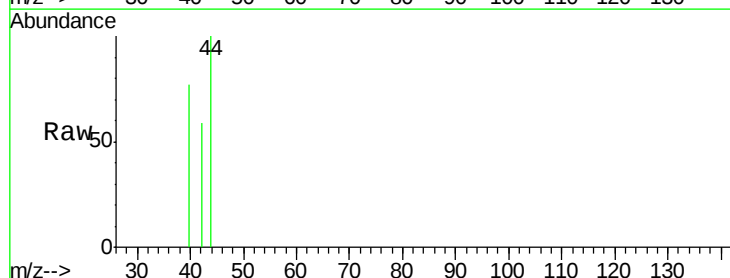
Tgt Ion: 42 Resp: 412

Ion Ratio Lower Upper

42 100

72 0.0 28.5 42.7#

71 0.0 27.9 41.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

5.19

400

300

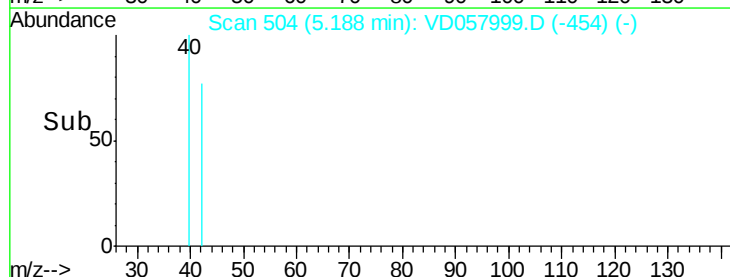
200

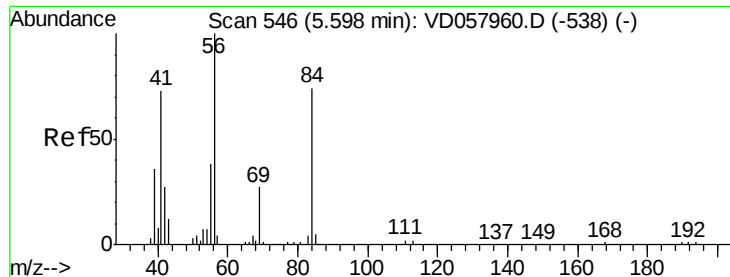
100

0

5.15 5.20

Time-->

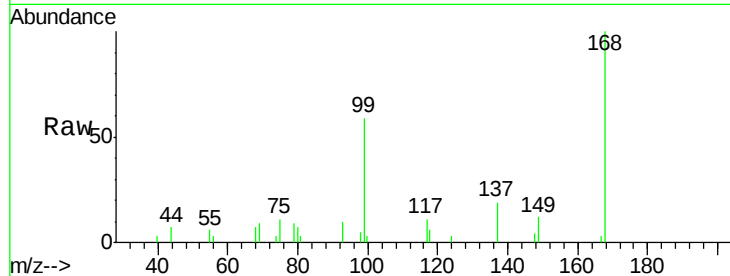




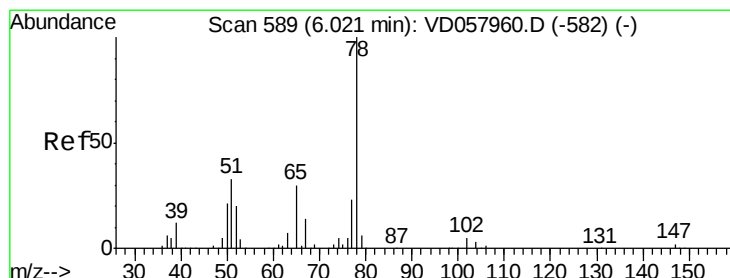
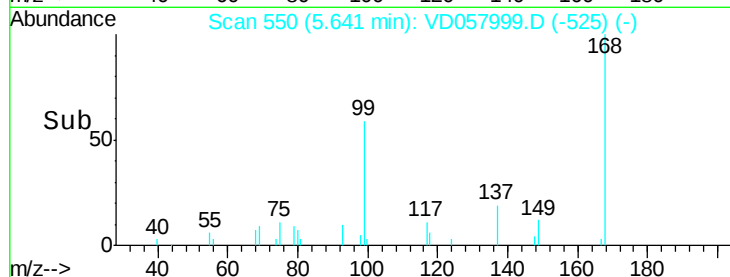
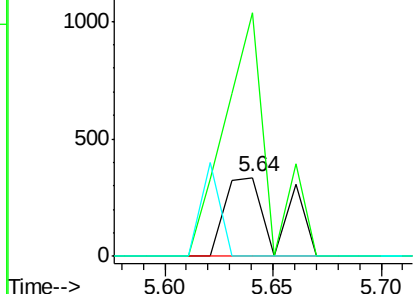
#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.04 min
Lab File: VD057999.D
Acq: 8 Jun 2018 5:57

Instrument :
MSVOA_D
ClientSampleId :
MH-36(0-5)RE

Tgt Ion: 56 Resp: 571
Ion Ratio Lower Upper
56 100
69 309.3 21.5 32.3#
84 0.0 61.0 91.6#

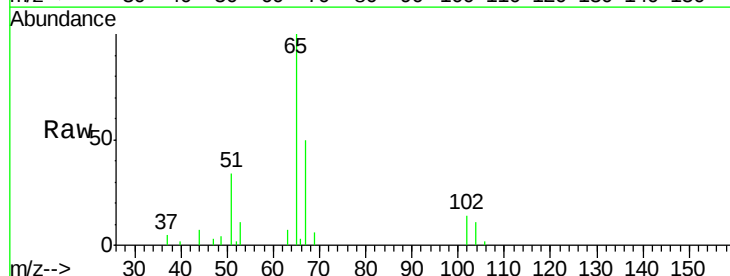


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

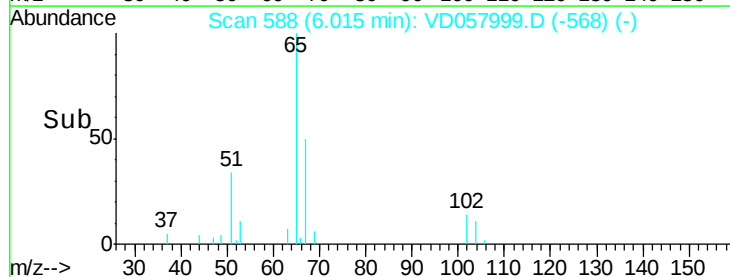
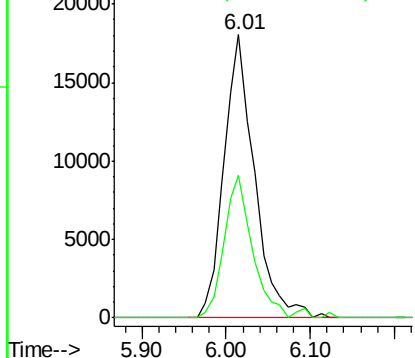


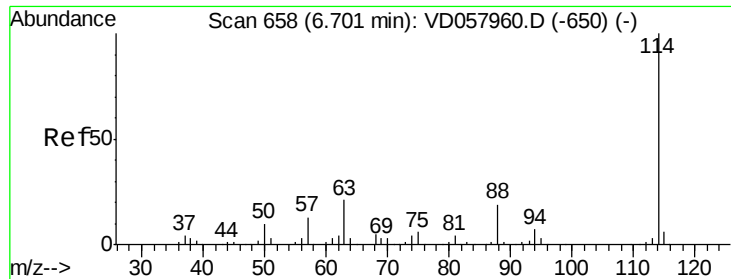
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD057999.D
Acq: 8 Jun 2018 5:57

Tgt Ion: 65 Resp: 45439
Ion Ratio Lower Upper
65 100
67 50.3 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

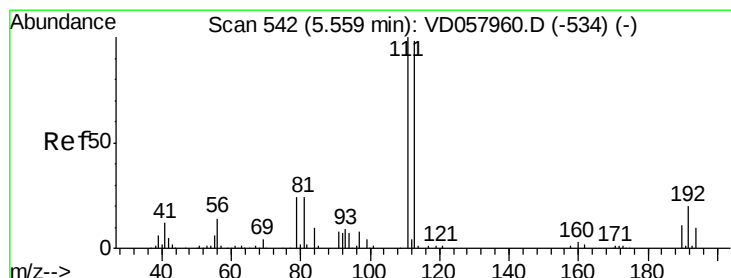
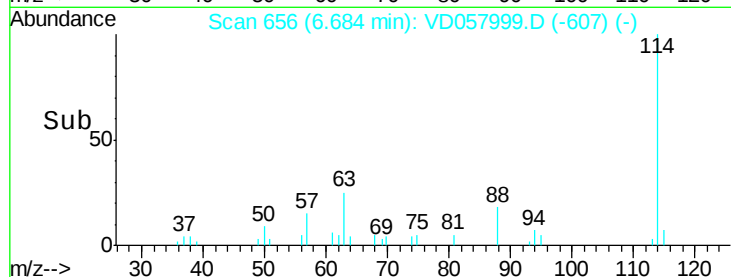
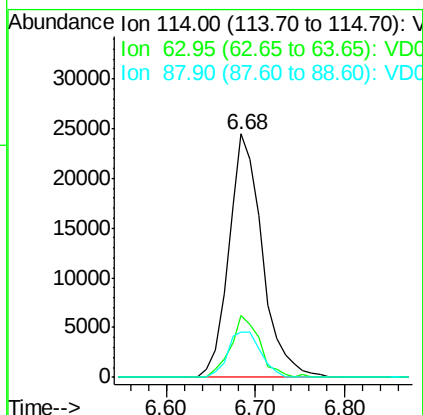
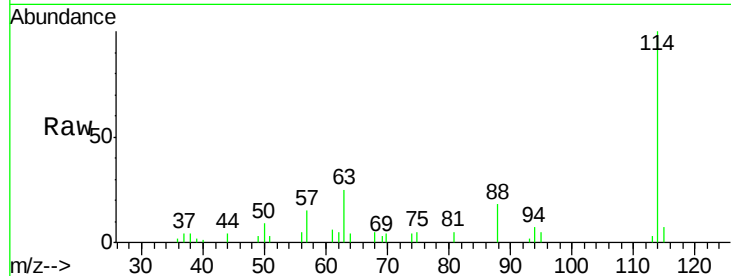




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD057999.D
 Acq: 8 Jun 2018 5:57

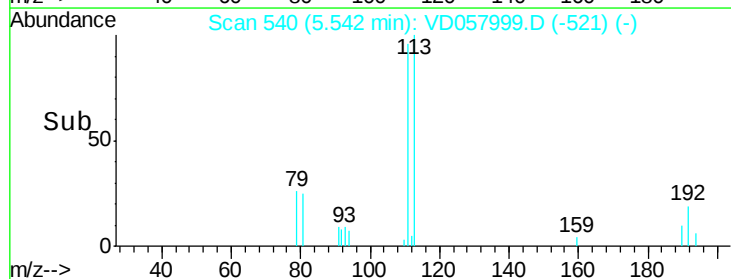
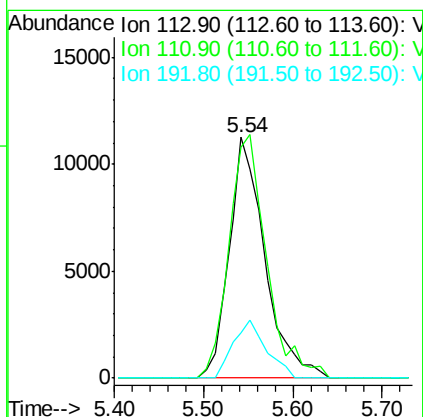
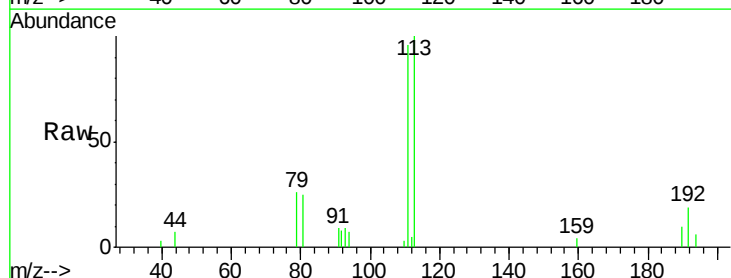
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-36(0-5)RE

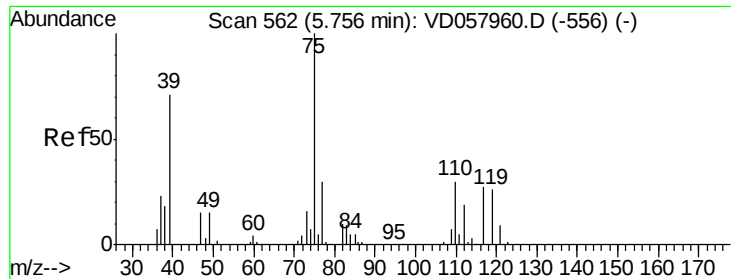
Tgt Ion:114 Resp: 63875
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 42.8
 88 18.4 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD057999.D
 Acq: 8 Jun 2018 5:57

Tgt Ion:113 Resp: 31532
 Ion Ratio Lower Upper
 113 100
 111 96.1 81.5 122.3
 192 18.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.622 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.11 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

MH-36(0-5)RE

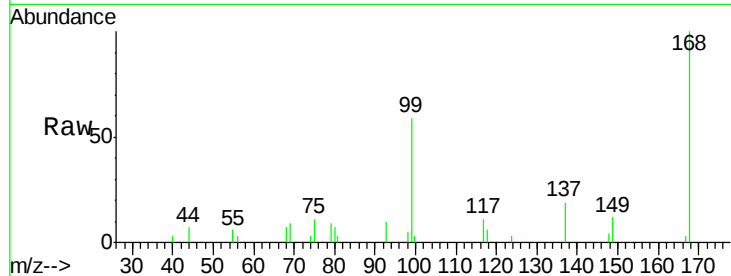
Tgt Ion: 75 Resp: 2549

Ion Ratio Lower Upper

75 100

110 0.0 14.8 44.3#

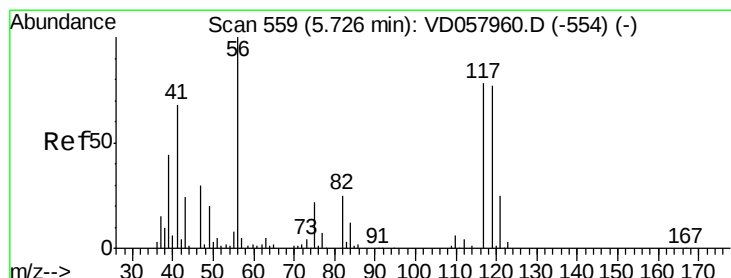
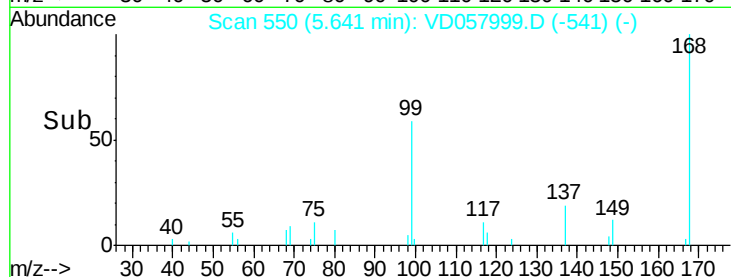
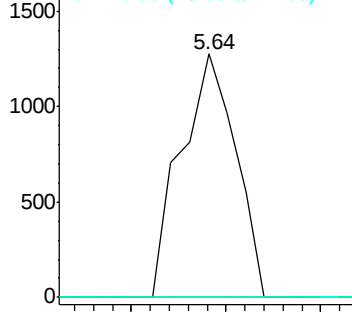
77 0.0 23.9 35.9#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 3.835 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.09 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

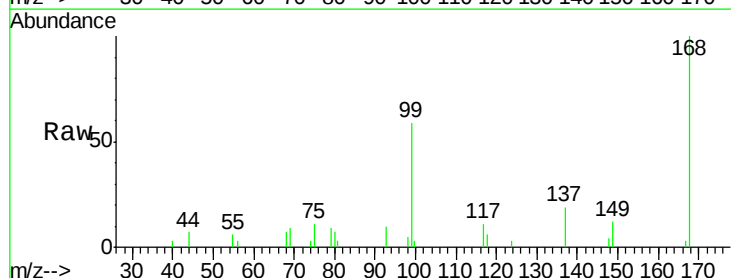
Tgt Ion: 117 Resp: 2660

Ion Ratio Lower Upper

117 100

119 0.0 76.1 114.1#

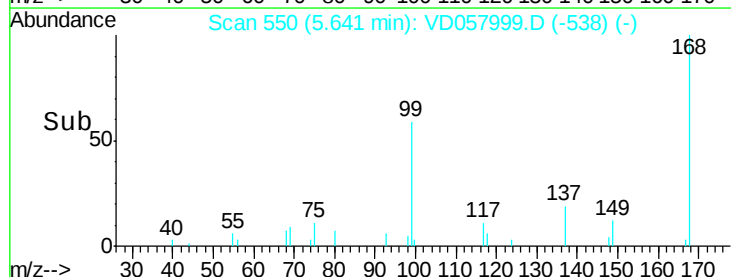
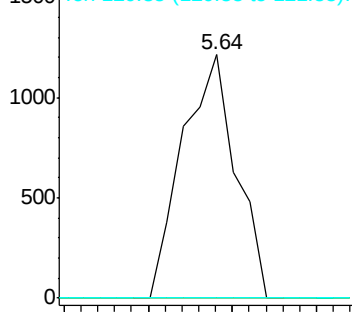
121 0.0 24.9 37.3#

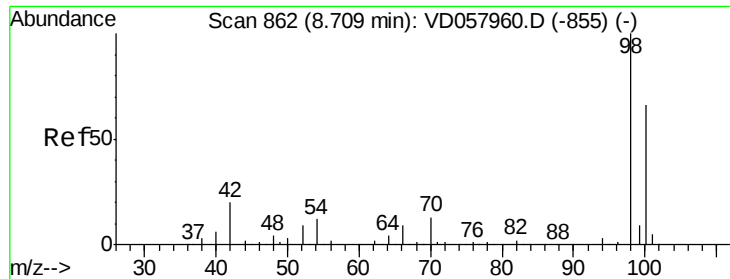


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

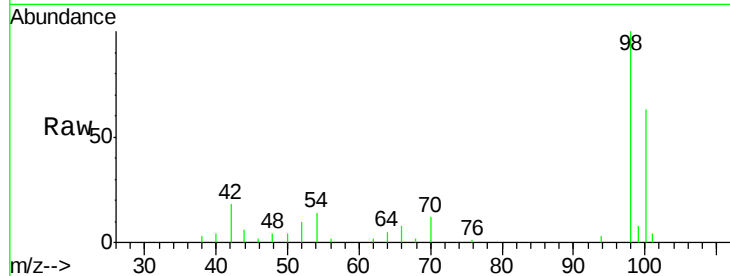




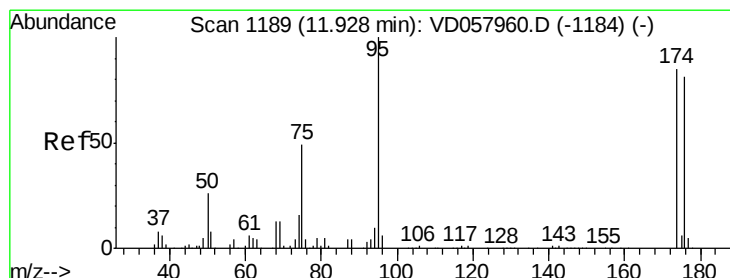
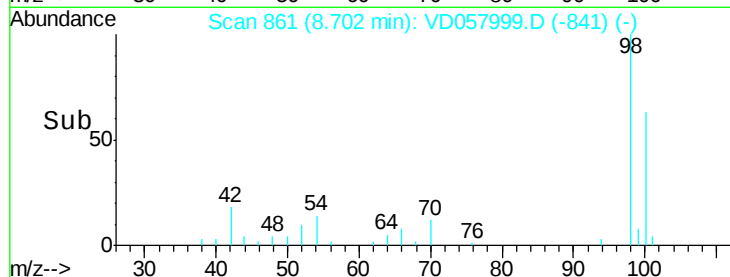
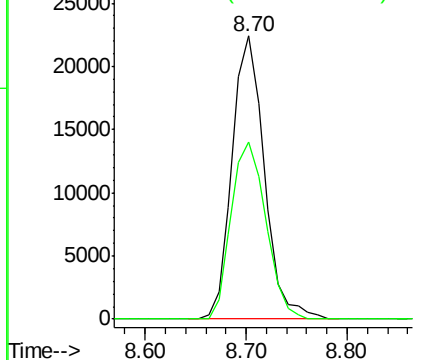
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057999.D
Acq: 8 Jun 2018 5:57

Instrument :
MSVOA_D
ClientSampleId :
MH-36(0-5)RE

Tgt Ion: 98 Resp: 49830
Ion Ratio Lower Upper
98 100
100 62.8 53.4 80.0

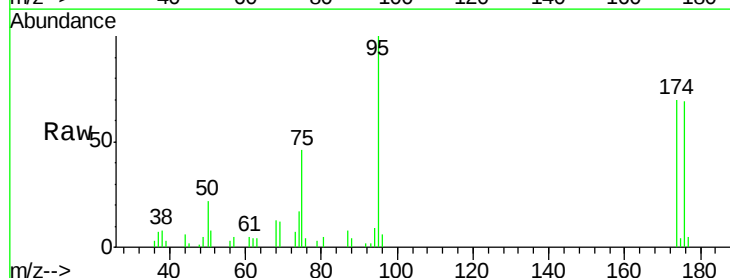


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

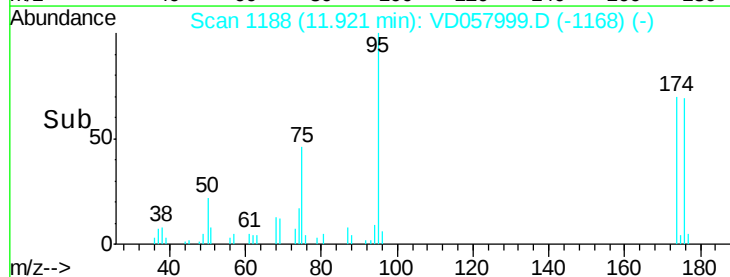
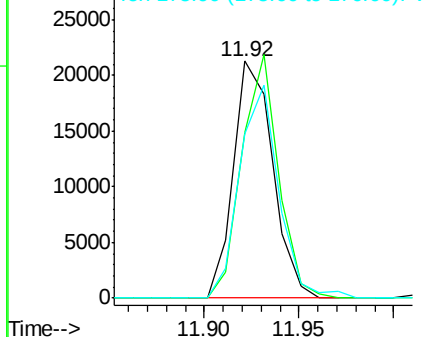


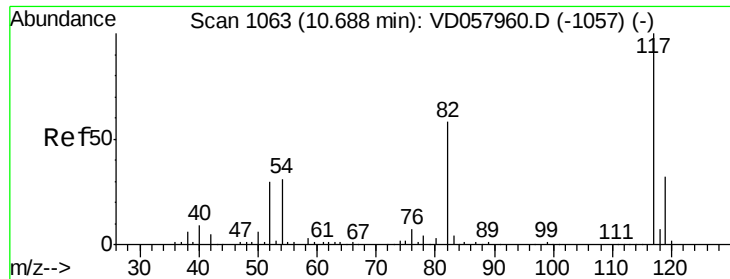
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057999.D
Acq: 8 Jun 2018 5:57

Tgt Ion: 95 Resp: 30519
Ion Ratio Lower Upper
95 100
174 69.7 0.0 169.4
176 69.2 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

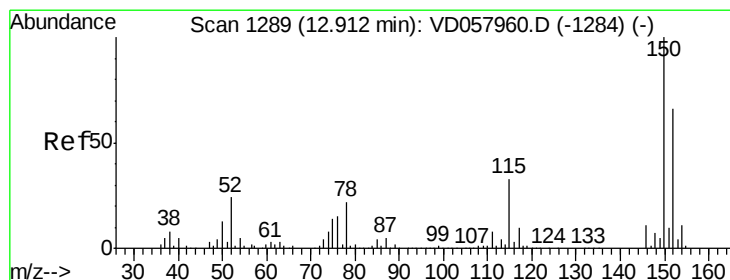
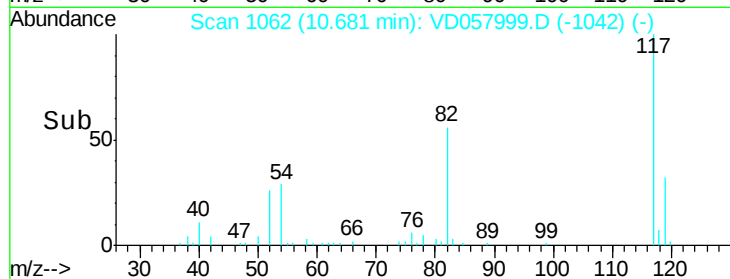
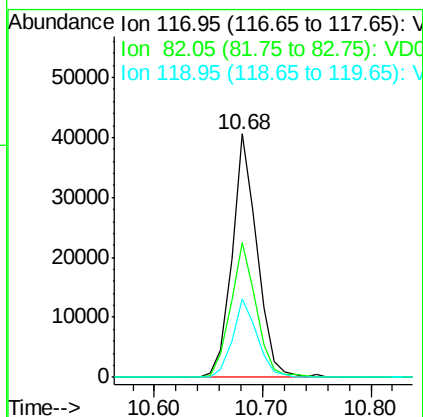
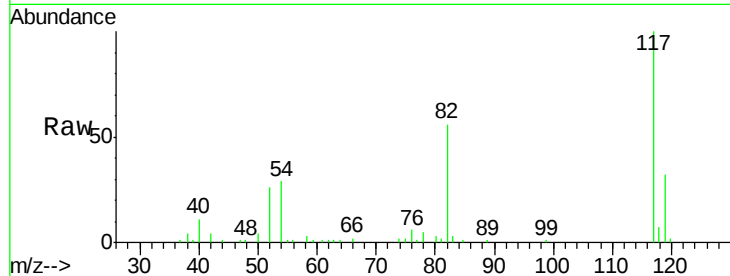




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.68 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: VD057999.D
 Acq: 8 Jun 2018 5:57

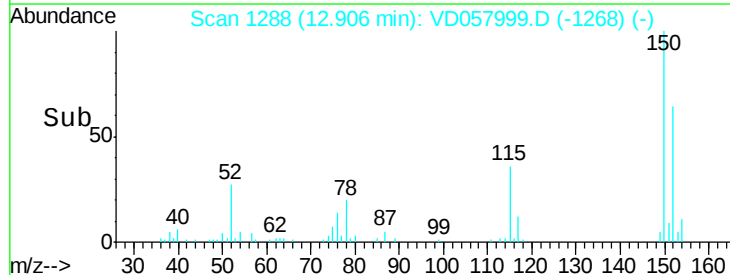
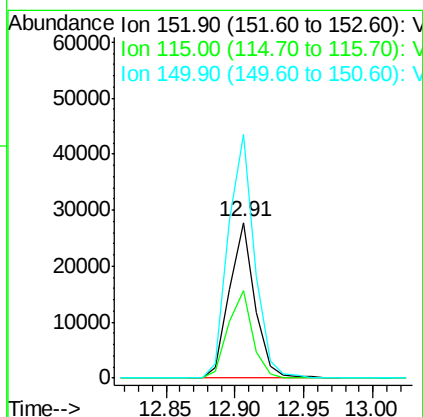
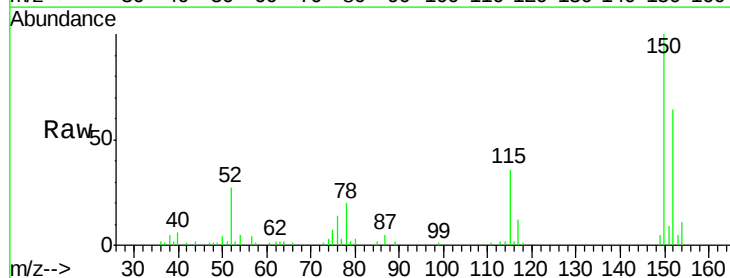
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-36(0-5)RE

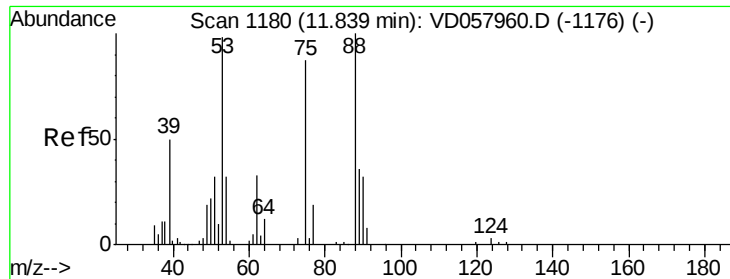
Tgt Ion:117 Resp: 64804
 Ion Ratio Lower Upper
 117 100
 82 55.5 46.8 70.2
 119 32.1 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD057999.D
 Acq: 8 Jun 2018 5:57

Tgt Ion:152 Resp: 35756
 Ion Ratio Lower Upper
 152 100
 115 55.9 25.6 76.6
 150 156.6 0.0 306.8





#81

trans-1,4-Dichloro-2-butene

Concen: 113.799 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

MH-36(0-5)RE

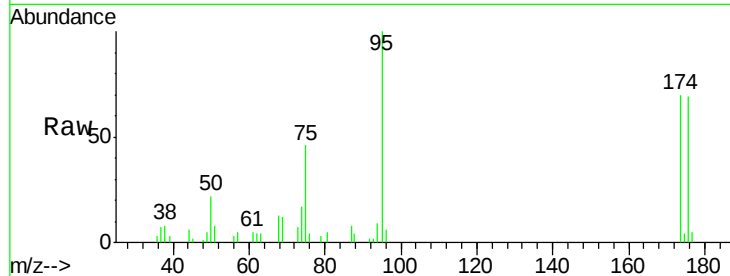
Tgt Ion: 75 Resp: 15139

Ion Ratio Lower Upper

75 100

53 0.0 89.3 133.9#

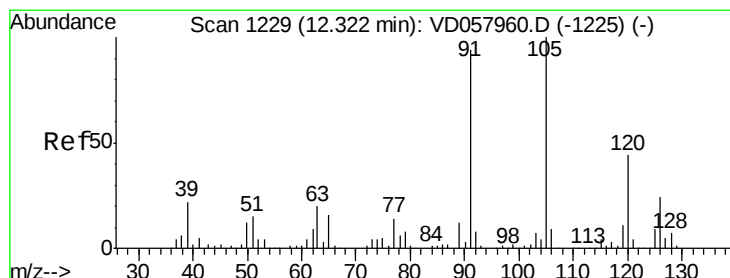
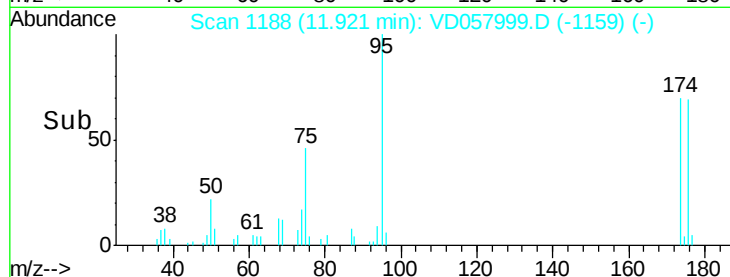
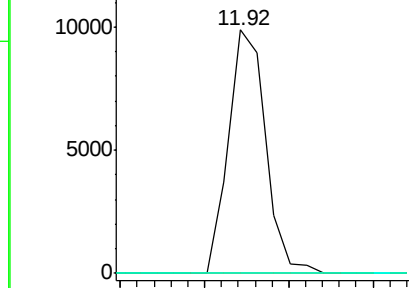
89 0.0 33.3 49.9#



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# 1228

Delta R.T. -0.01 min

Lab File: VD057999.D

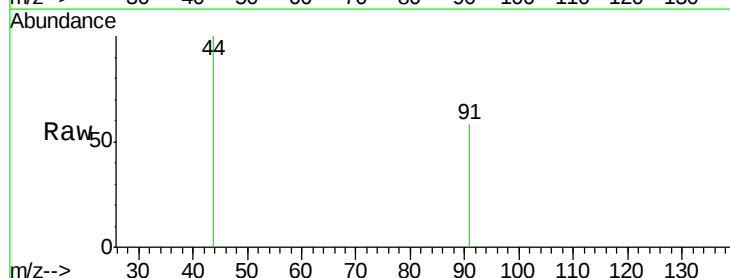
Acq: 8 Jun 2018 5:57

Tgt Ion: 91 Resp: 266

Ion Ratio Lower Upper

91 100

126 0.0 12.5 37.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

