

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060432.D
 Acq On : 20 Nov 2018 17:56
 Operator : JC/SY
 Sample : J5772-07
 Misc : 5.4g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-112018-C

Quant Time: Nov 21 01:16:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

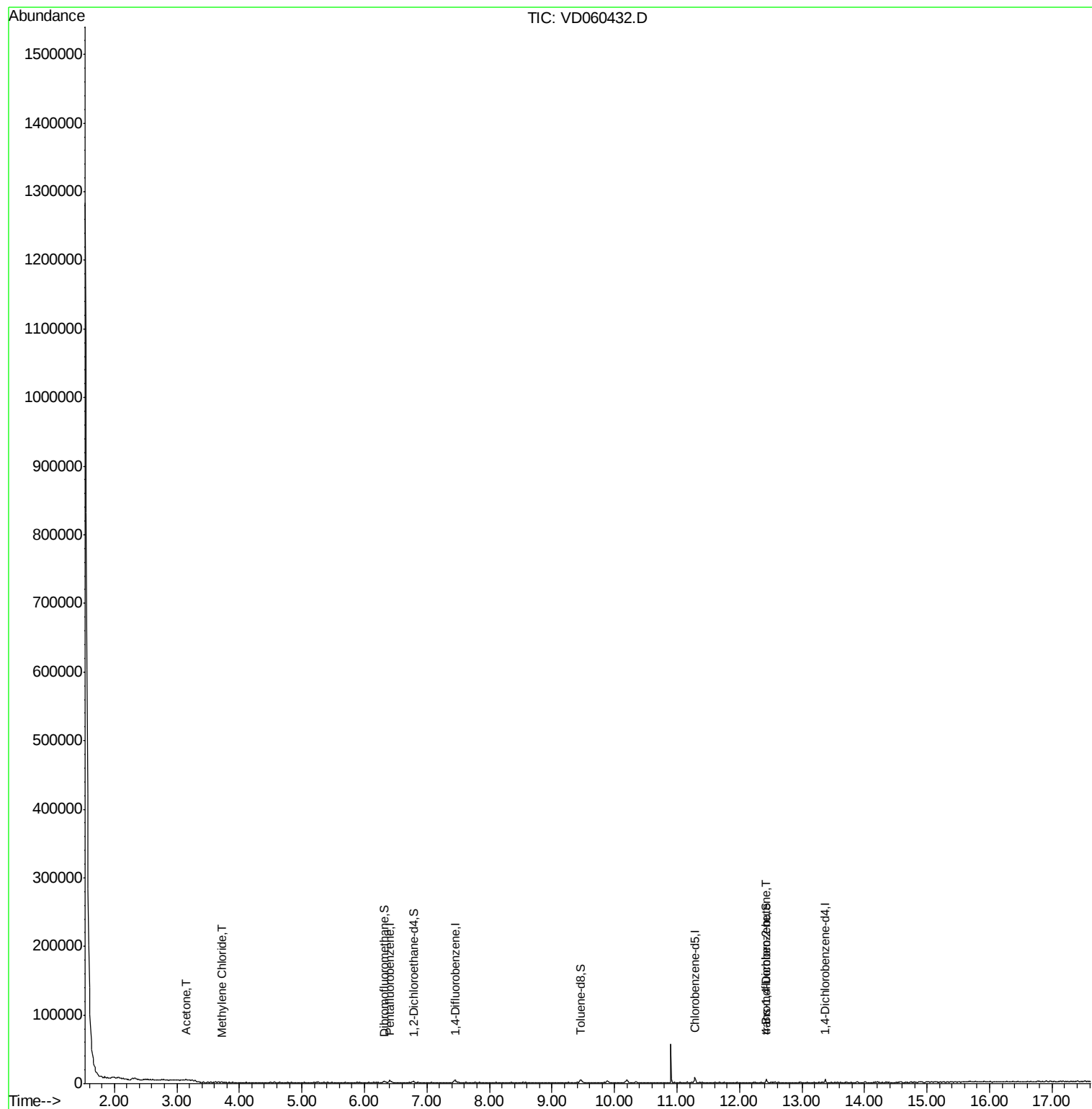
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	3902	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	6427	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	4998	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	1637	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	2351	84.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	168.30%	
35) Dibromofluoromethane	6.31	113	1575	32.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.72%	
50) Toluene-d8	9.45	98	5877	41.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.80%	
62) 4-Bromofluorobenzene	12.43	95	1612	31.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	63.44%	
Target Compounds						
16) Acetone	3.15	43	1292	266.595	ug/l #	55
20) Methylene Chloride	3.71	84	200	4.652	ug/l #	62
81) trans-1,4-Dichloro-2-buten	12.43	75	905	162.330	ug/l #	15

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

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QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060432.D

Acq: 20 Nov 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

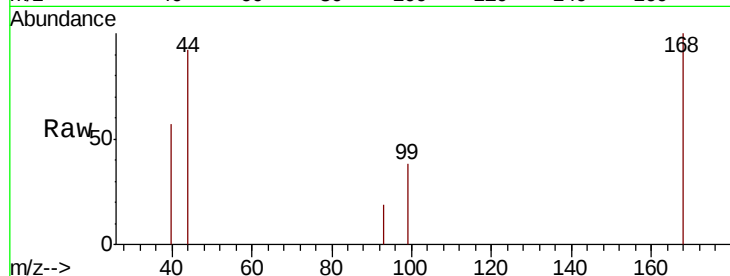
PL-01-112018-C

Tot Ion:168 Resp: 3902

Ion Ratio Lower Upper

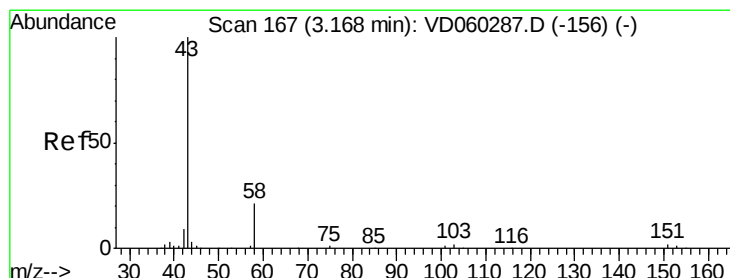
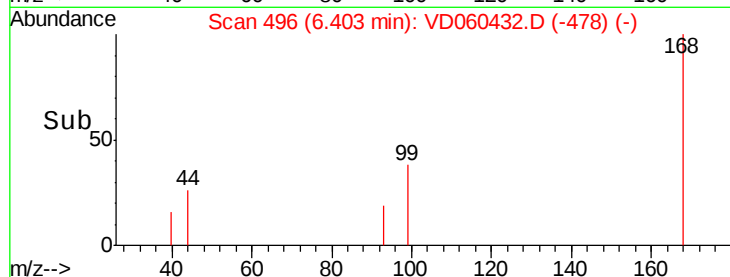
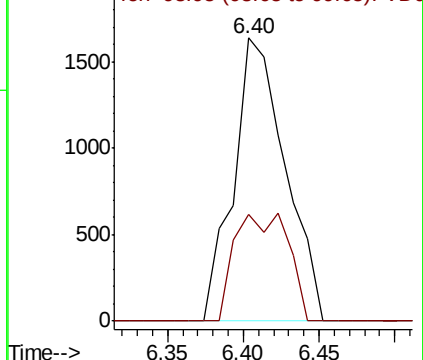
168 100

99 37.6 39.8 59.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 266.595 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060432.D

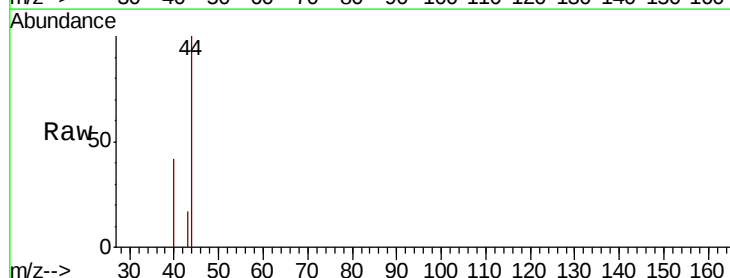
Acq: 20 Nov 2018 17:56

Tgt Ion: 43 Resp: 1292

Ion Ratio Lower Upper

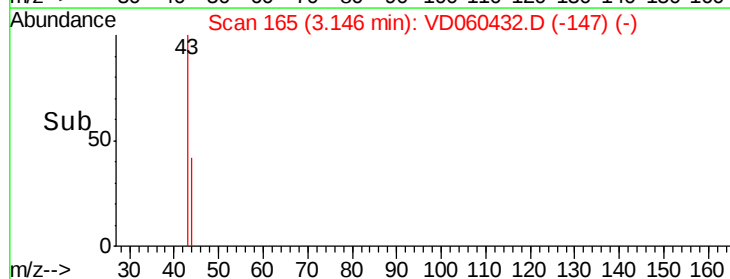
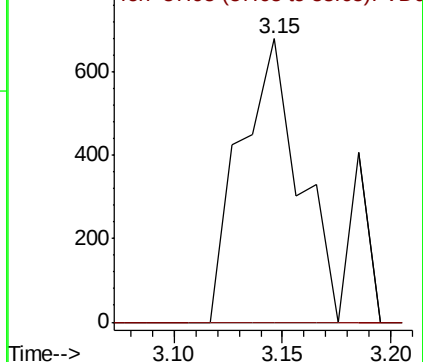
43 100

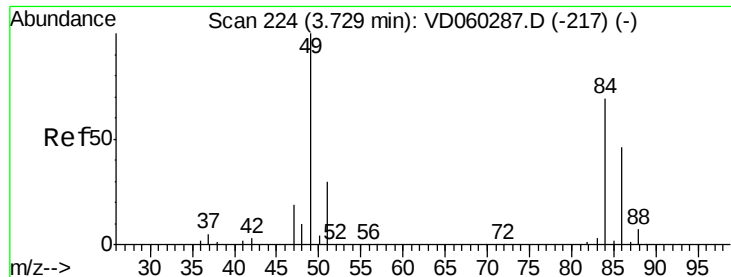
58 0.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

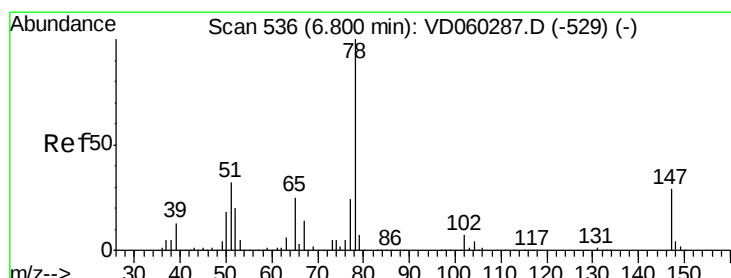
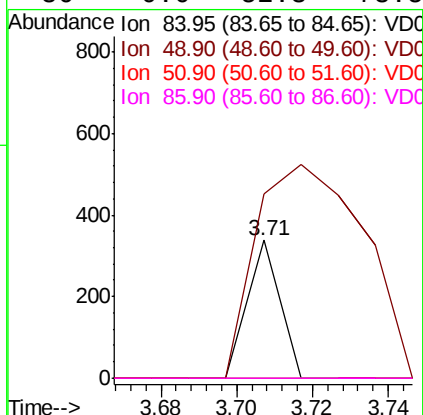
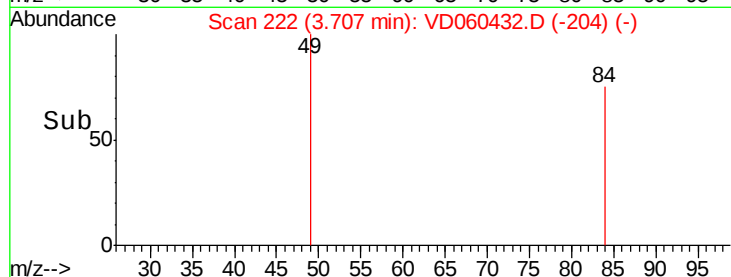
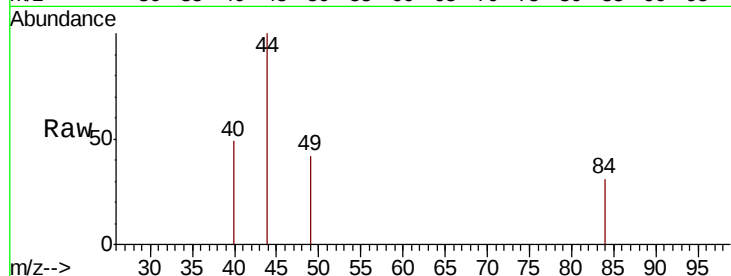




#20
Methvlene Chloride
Concen: 4.652 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060432.D
Acq: 20 Nov 2018 17:56

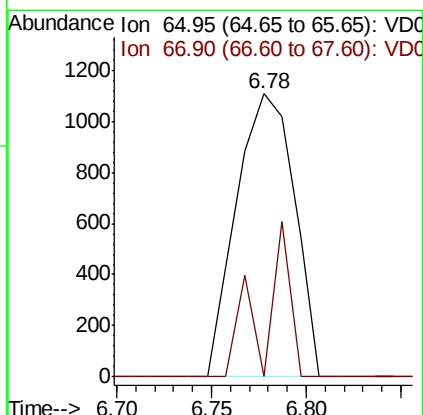
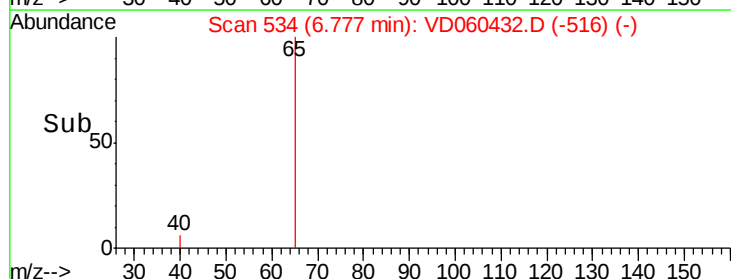
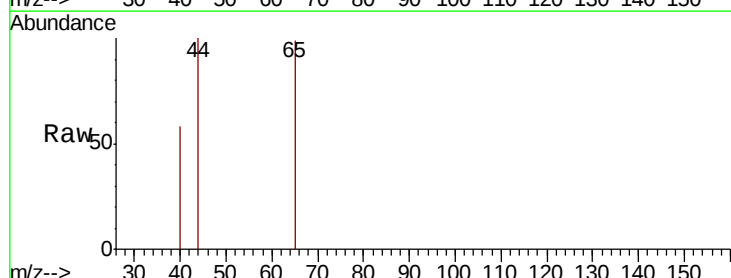
Instrument :
MSVOA_D
ClientSampleId :
PL-01-112018-C

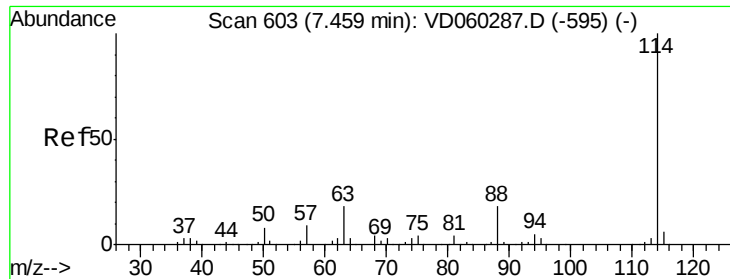
Tot Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 133.4 115.6 173.4
51 0.0 35.6 53.4#
86 0.0 52.3 78.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060432.D
Acq: 20 Nov 2018 17:56

Tgt Ion: 65 Resp: 2351
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.8

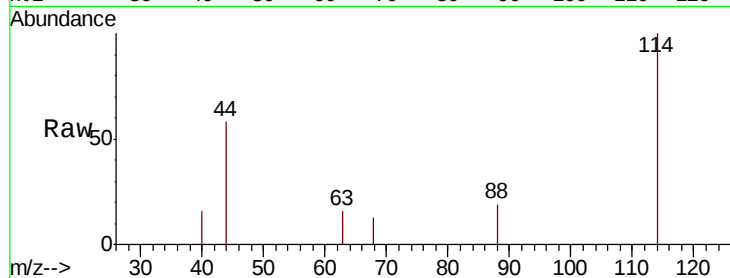




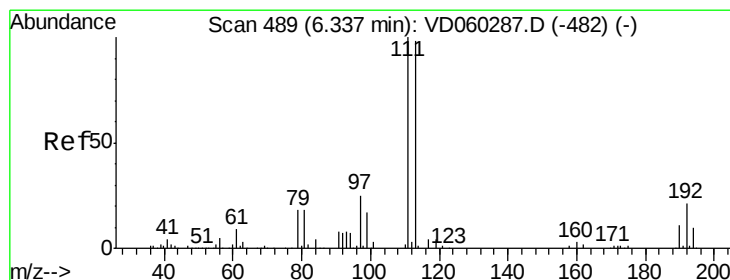
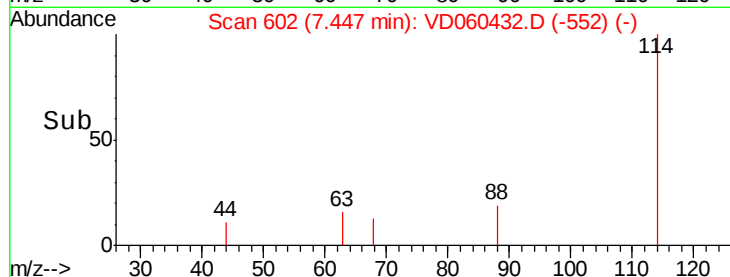
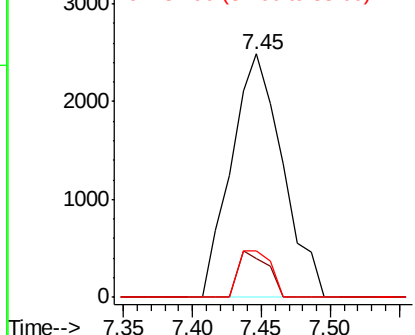
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060432.D
 Acq: 20 Nov 2018 17:56

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-112018-C

Tot Ion:114 Resp: 6427
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 34.0
 88 18.9 0.0 35.4

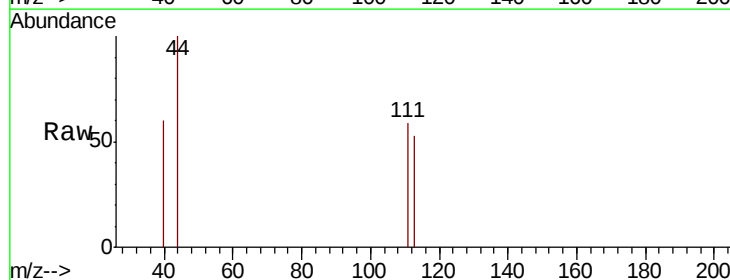


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

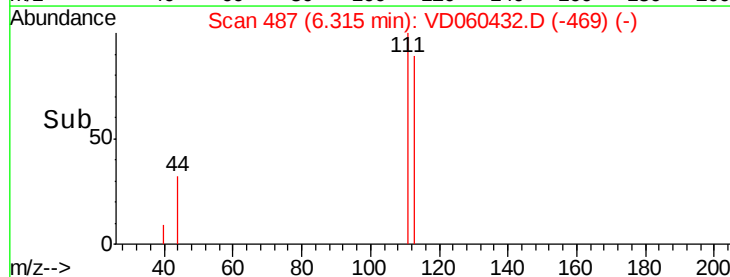
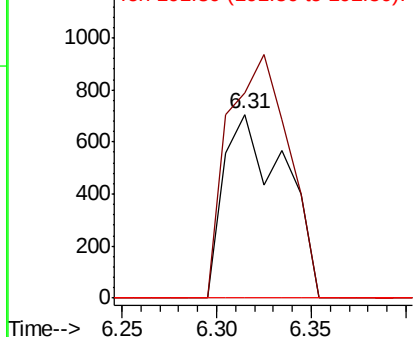


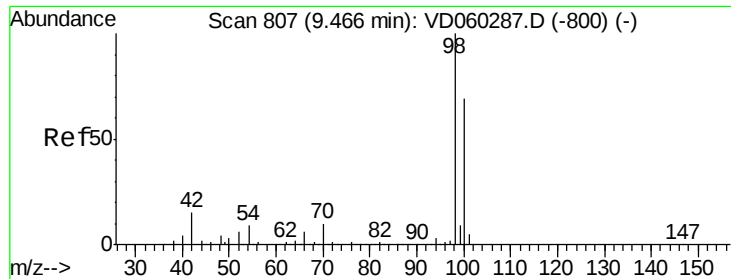
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060432.D
 Acq: 20 Nov 2018 17:56

Tgt Ion:113 Resp: 1575
 Ion Ratio Lower Upper
 113 100
 111 112.0 81.6 122.4
 192 0.0 16.5 24.7#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060432.D

Acq: 20 Nov 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

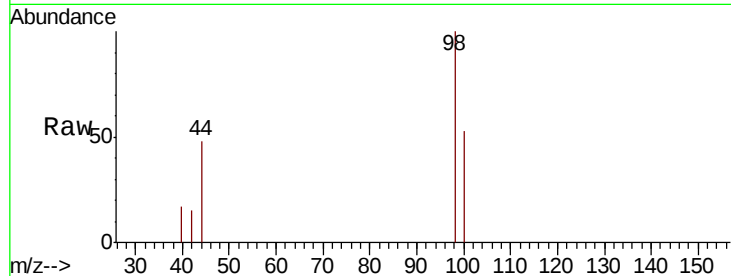
PL-01-112018-C

Tot Ion: 98 Resp: 5877

Ion Ratio Lower Upper

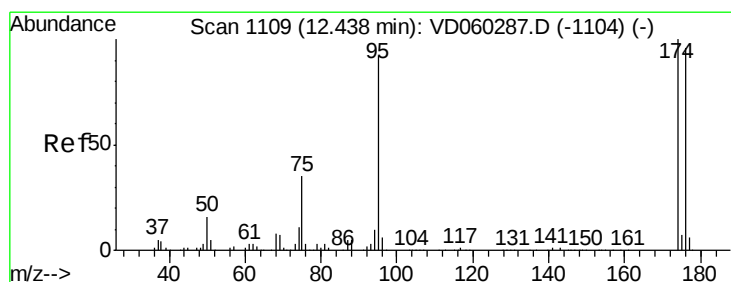
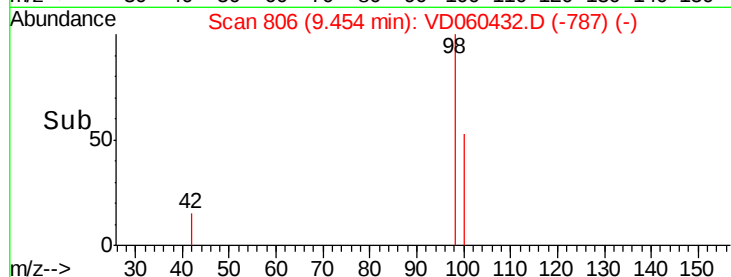
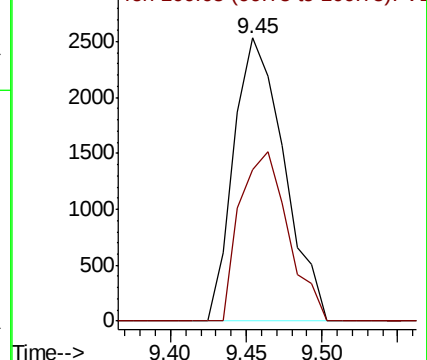
98 100

100 53.5 55.2 82.8#



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: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060432.D

Acq: 20 Nov 2018 17:56

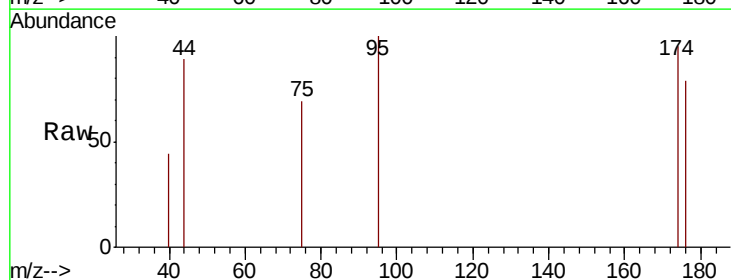
Tgt Ion: 95 Resp: 1612

Ion Ratio Lower Upper

95 100

174 94.6 0.0 160.8

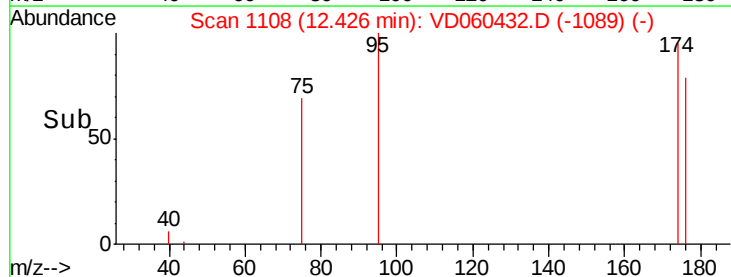
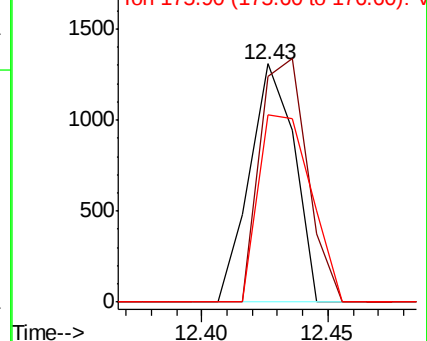
176 78.7 0.0 154.6

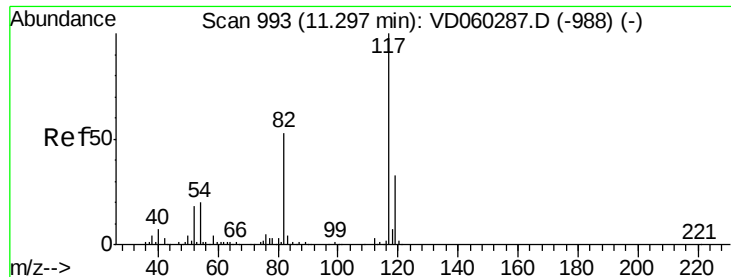


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

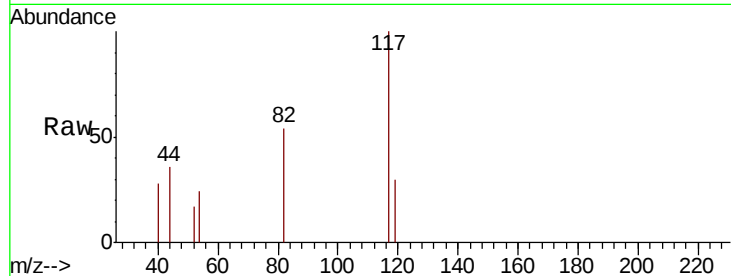




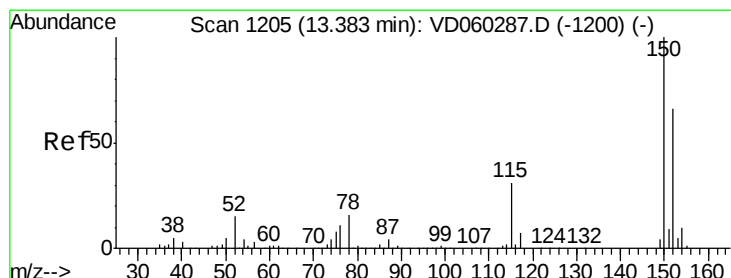
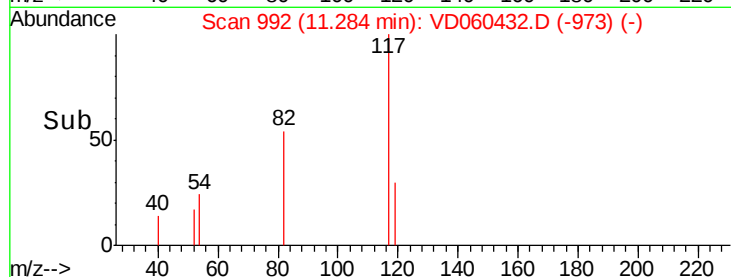
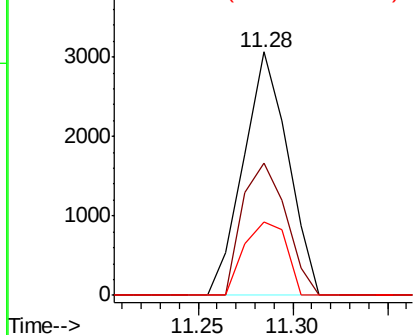
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060432.D
Acq: 20 Nov 2018 17:56

Instrument :
MSVOA_D
ClientSampleId :
PL-01-112018-C

Tot Ion:117 Resp: 4998
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 30.1 26.1 39.1

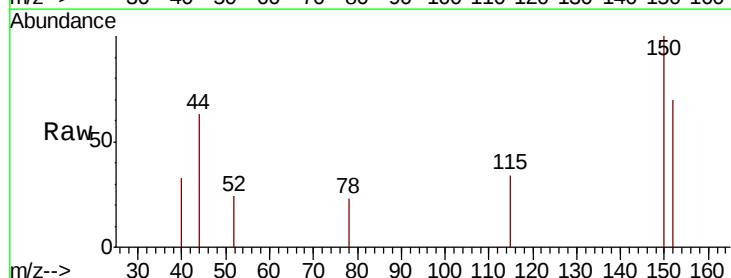


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

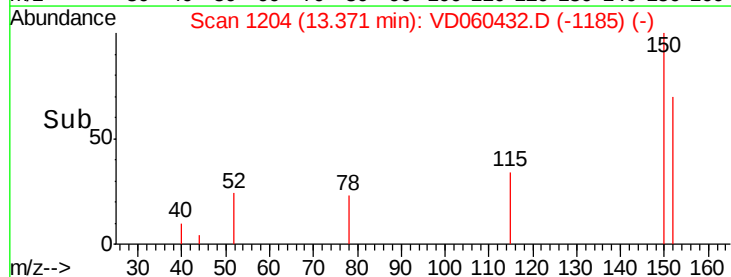
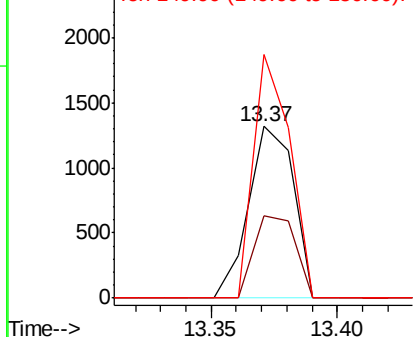


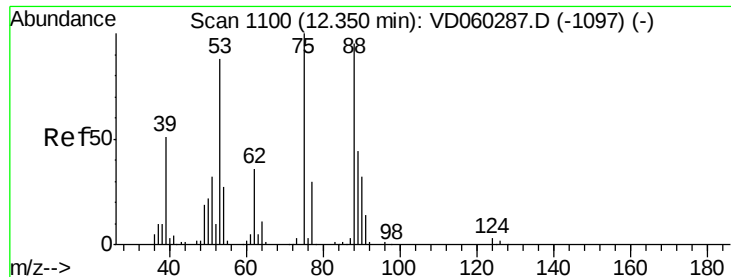
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060432.D
Acq: 20 Nov 2018 17:56

Tgt Ion:152 Resp: 1637
Ion Ratio Lower Upper
152 100
115 47.7 24.1 72.3
150 141.9 0.0 310.6



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: 162.330 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060432.D

Acq: 20 Nov 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

PL-01-112018-C

Tot Ion: 75 Resp: 905

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#

