

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060621.D
 Acq On : 18 Dec 2018 15:13
 Operator : VA/AP
 Sample : J6464-01
 Misc : 4.57g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 290-RT4008-RBR251686

Quant Time: Dec 19 03:05:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

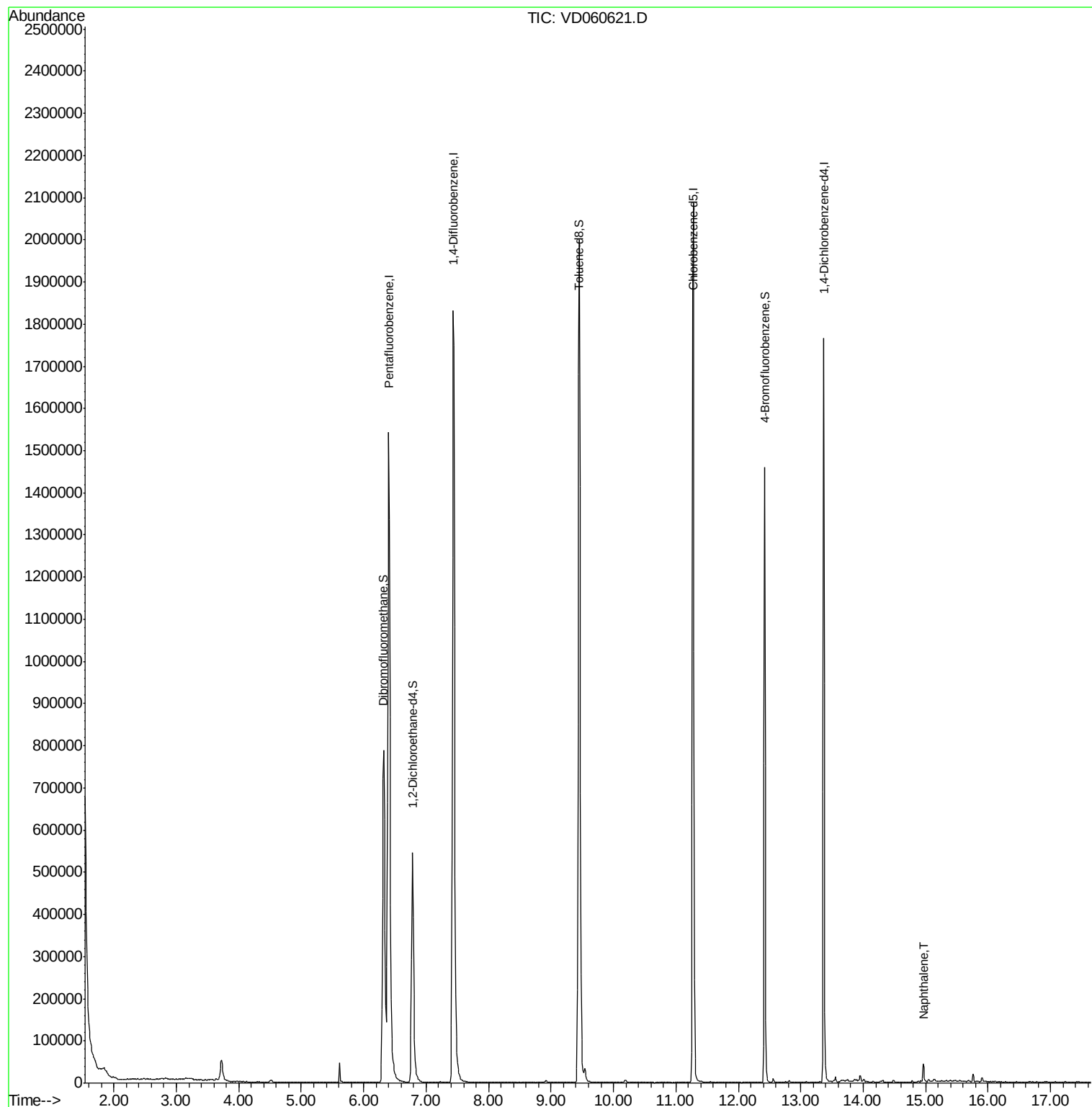
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1531269	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1999269	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1217497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	388931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	464709	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
35) Dibromofluoromethane	6.32	113	639887	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
50) Toluene-d8	9.45	98	1605683	37.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.56%	
62) 4-Bromofluorobenzene	12.42	95	385051	25.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.64%	
Target Compounds						
95) Naphthalene	14.96	128	28428	2.856	ug/l	Qvalue 96

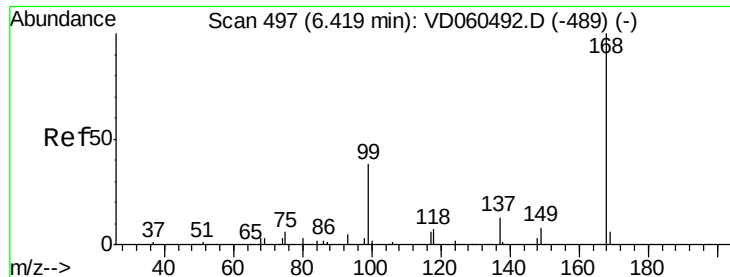
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.02 min

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Acq: 18 Dec 2018 15:13

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ClientSampleId :

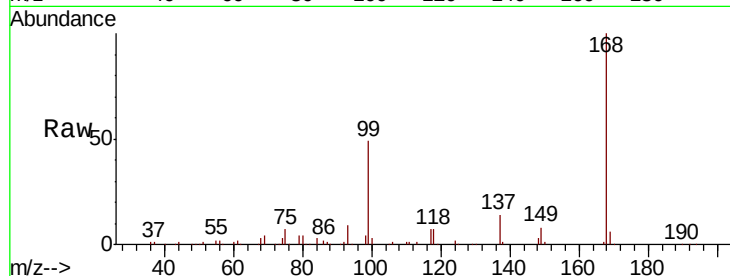
290-RT4008-RBR251686

Tot Ion:168 Resp: 1531269

Ion Ratio Lower Upper

168 100

99 48.6 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

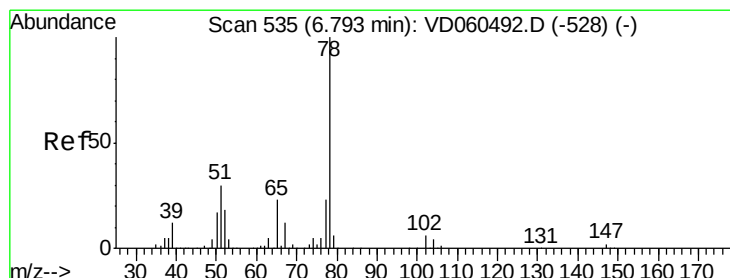
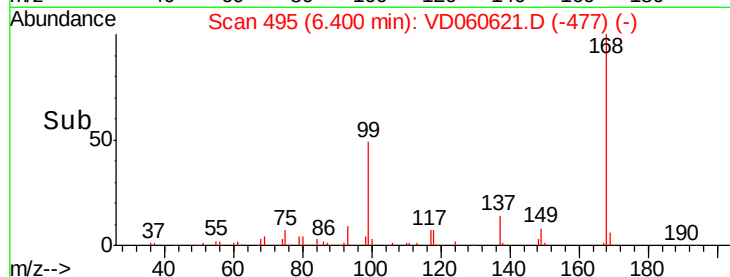
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.01 min

Lab File: VD060621.D

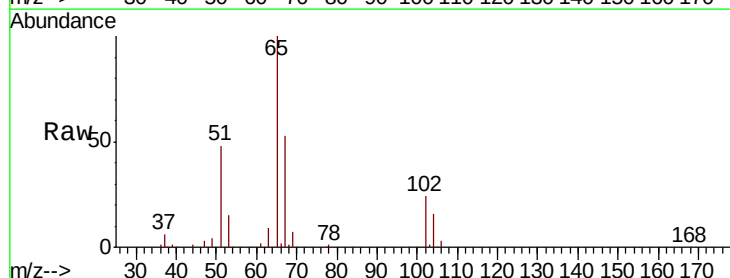
Acq: 18 Dec 2018 15:13

Tgt Ion: 65 Resp: 464709

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

200000

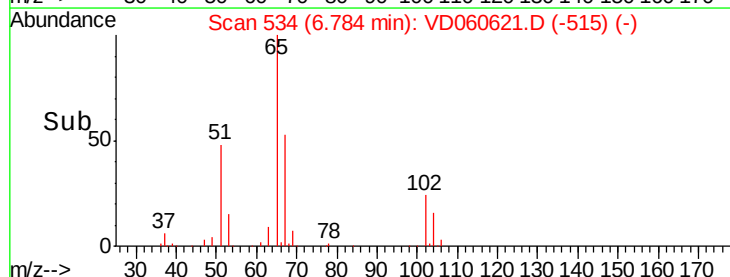
150000

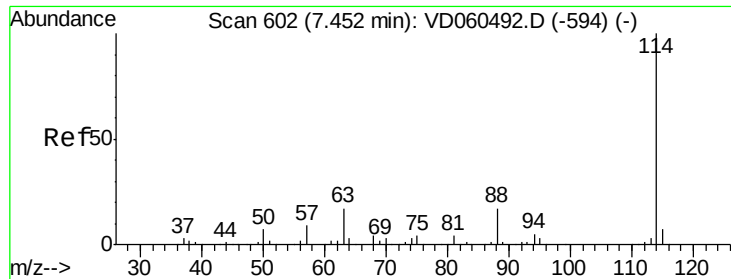
100000

50000

0

Time-->

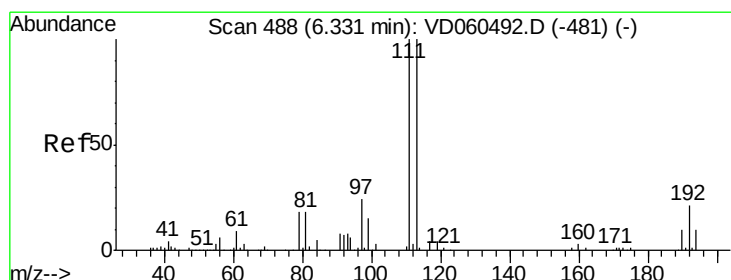
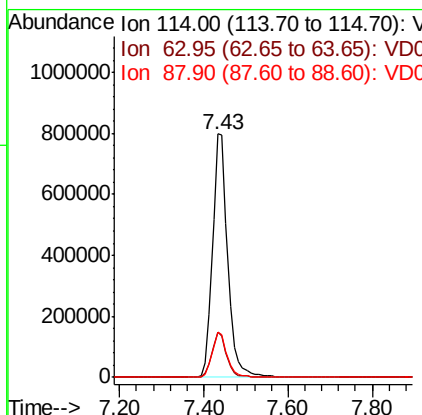
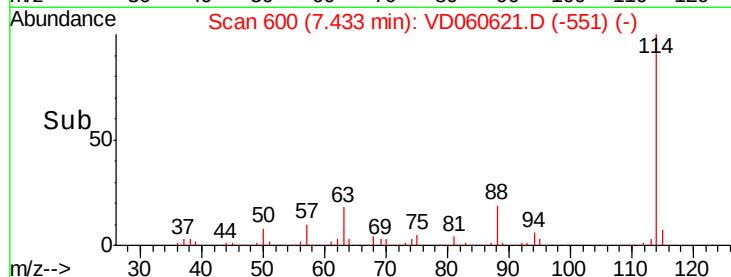
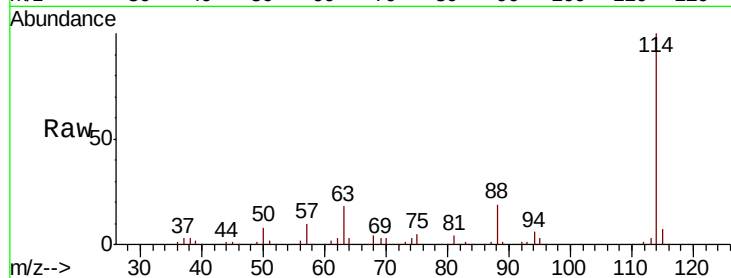




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: VD060621.D
 Acq: 18 Dec 2018 15:13

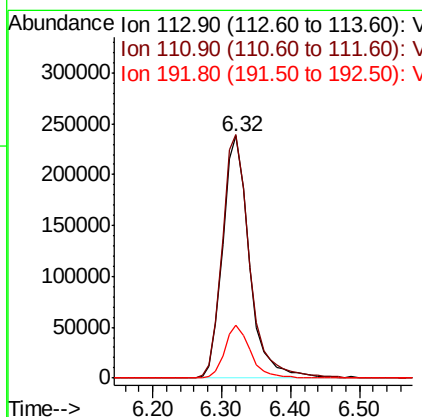
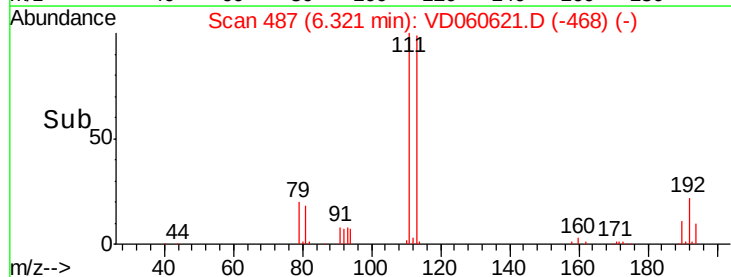
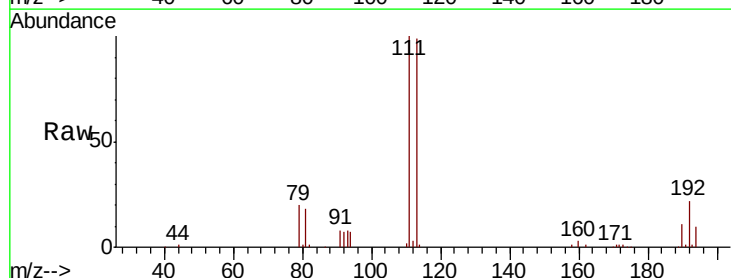
Instrument :
 MSVOA_D
 ClientSampleId :
 290-RT4008-RBR251686

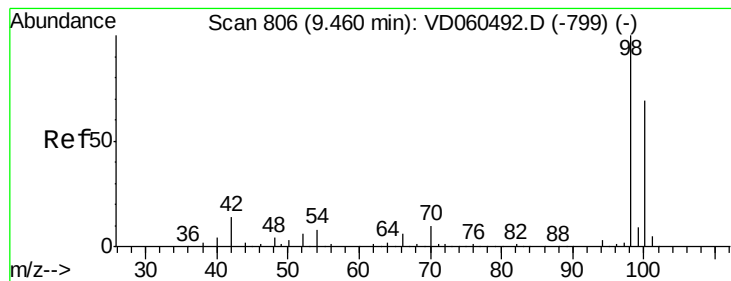
Tot Ion:114 Resp: 1999269
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.2
 88 18.6 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: VD060621.D
 Acq: 18 Dec 2018 15:13

Tgt Ion:113 Resp: 639887
 Ion Ratio Lower Upper
 113 100
 111 100.7 80.2 120.4
 192 21.8 16.6 24.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. -0.01 min

Lab File: VD060621.D

Acq: 18 Dec 2018 15:13

Instrument :

MSVOA_D

ClientSampleId :

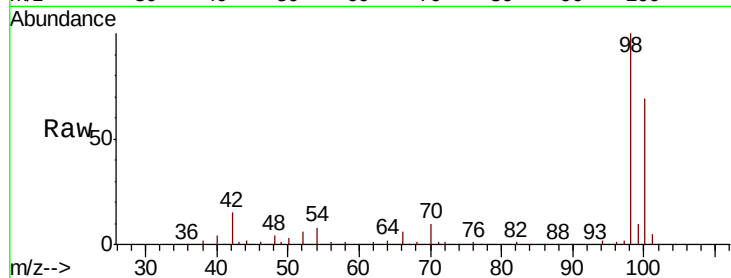
290-RT4008-RBR251686

Tot Ion: 98 Resp: 1605683

Ion Ratio Lower Upper

98 100

100 69.3 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

9.45

800000

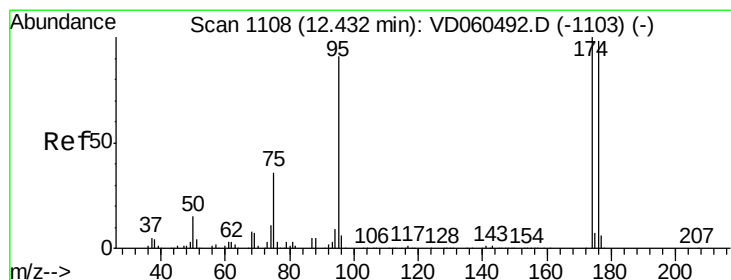
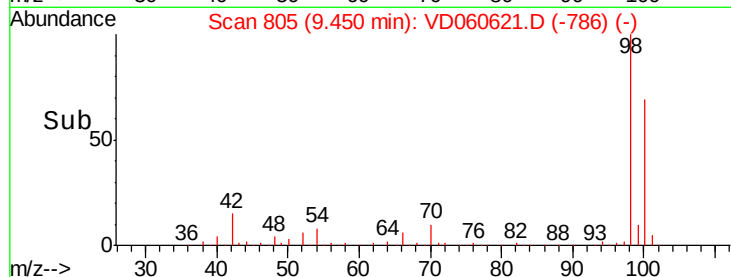
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060621.D

Acq: 18 Dec 2018 15:13

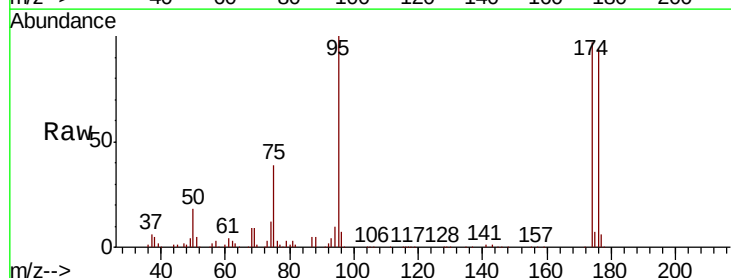
Tgt Ion: 95 Resp: 385051

Ion Ratio Lower Upper

95 100

174 97.2 0.0 219.4

176 93.8 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)

Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)

Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

12.42

400000

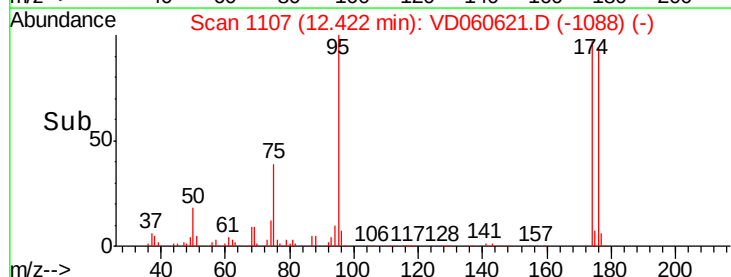
300000

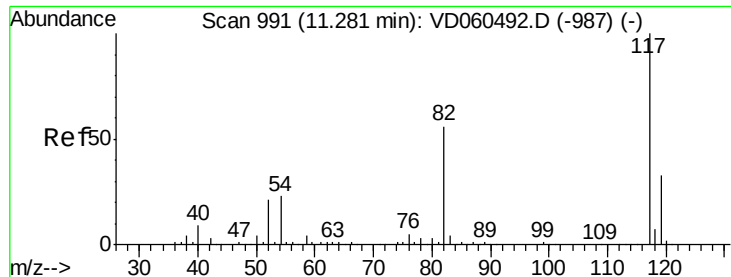
200000

100000

0

Time--> 12.30 12.40 12.50

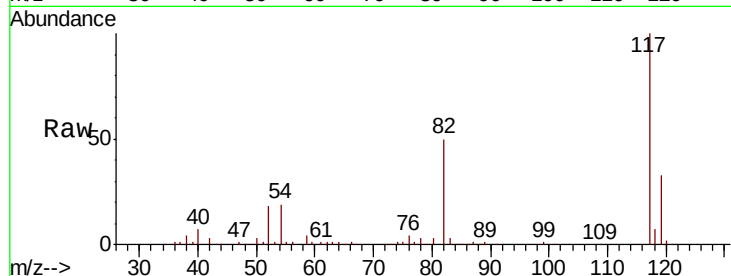




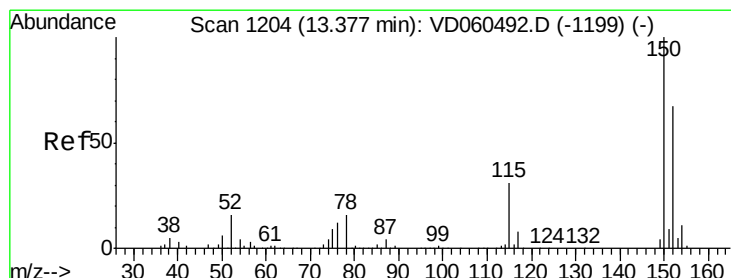
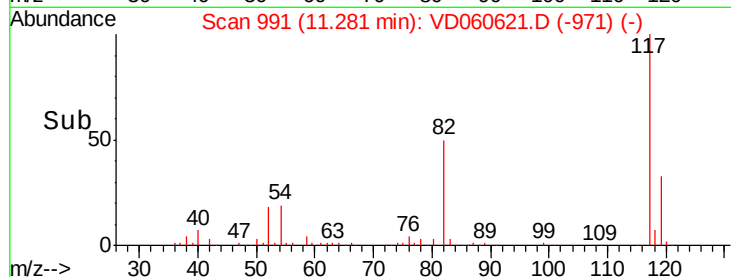
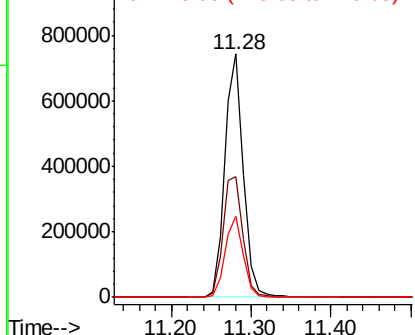
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060621.D
Acq: 18 Dec 2018 15:13

Instrument :
MSVOA_D
ClientSampleId :
290-RT4008-RBR251686

Tot Ion:117 Resp: 1217497
Ion Ratio Lower Upper
117 100
82 49.6 45.2 67.8
119 33.2 26.1 39.1

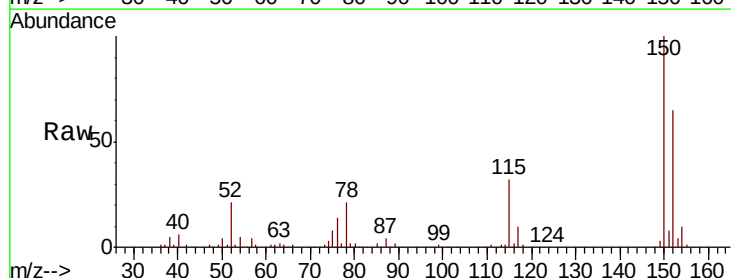


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

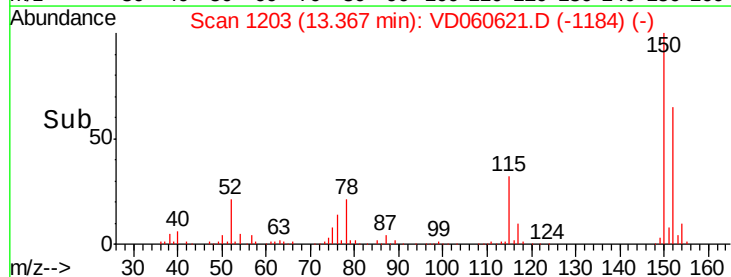
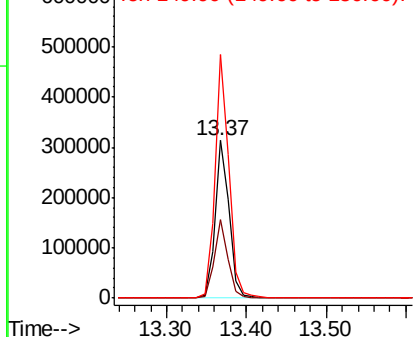


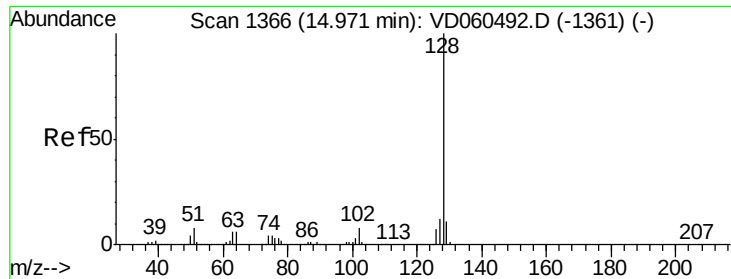
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060621.D
Acq: 18 Dec 2018 15:13

Tgt Ion:152 Resp: 388931
Ion Ratio Lower Upper
152 100
115 50.0 24.6 74.0
150 154.5 0.0 309.0



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





#95

Naphthalene

Concen: 2.856 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VD060621.D

Acq: 18 Dec 2018 15:13

Instrument :

MSVOA_D

ClientSampleId :

290-RT4008-RBR251686

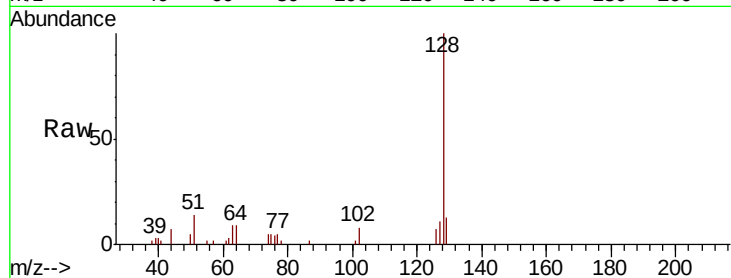
Tot Ion:128 Resp: 28428

Ion Ratio Lower Upper

128 100

127 10.9 9.8 14.8

129 12.7 8.6 13.0



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

