

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060826.D
 Acq On : 1 Feb 2019 18:29
 Operator : VA/AP
 Sample : K1360-01RE
 Misc : 3.83g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200053RE

Quant Time: Feb 02 02:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

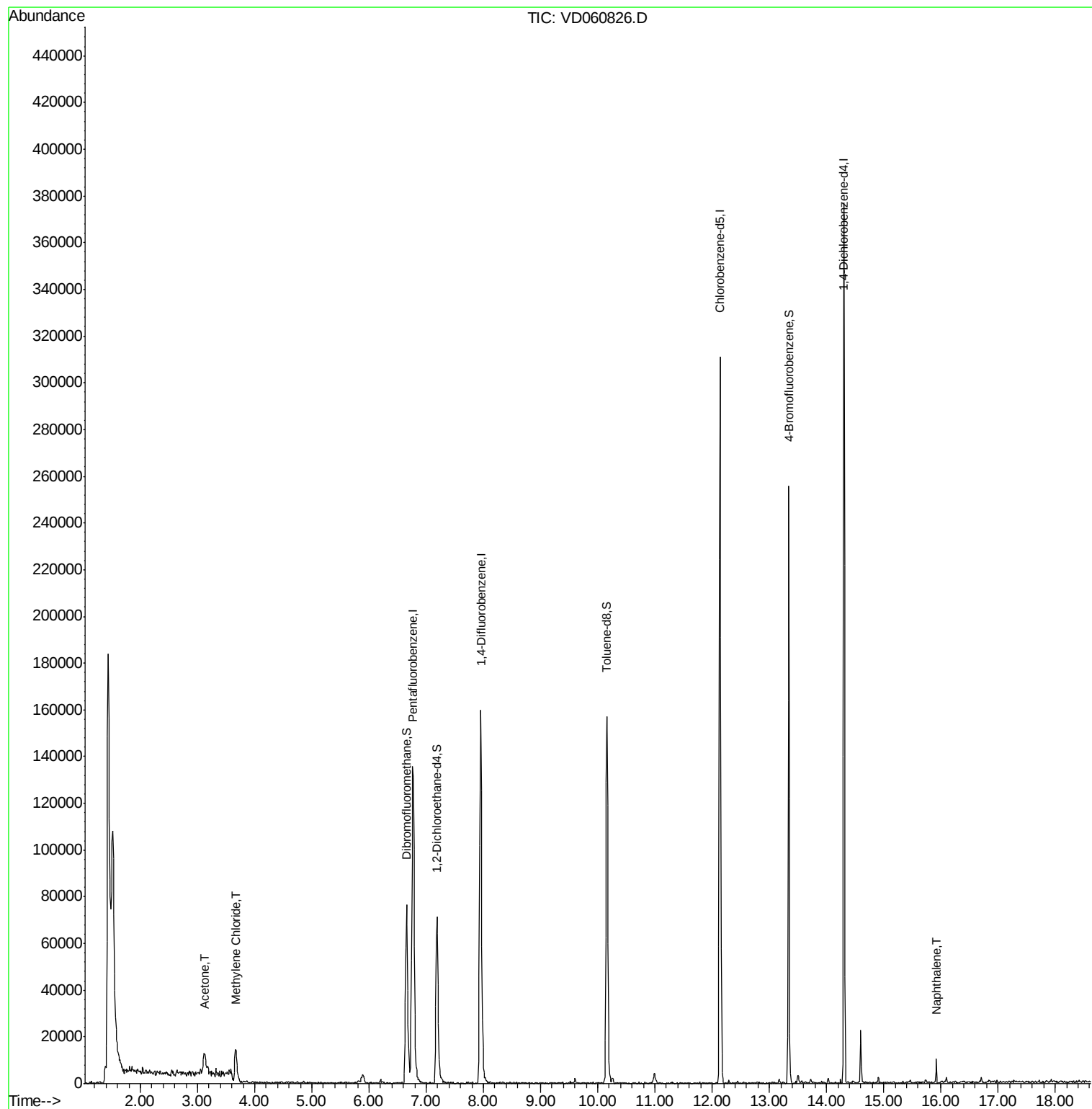
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.77	168	115461	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.95	114	153377	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	139710	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.30	152	65961	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.19	65	92743	52.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	6.66	113	58616	39.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.70%	
50) Toluene-d8	10.16	98	116426	33.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	67.78%	
62) 4-Bromofluorobenzene	13.34	95	68593	39.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
16) Acetone	3.13	43	21934	85.792	ug/l	92
20) Methylene Chloride	3.66	84	7557	2.267	ug/l #	75
95) Naphthalene	15.92	128	5848	2.190	ug/l	98

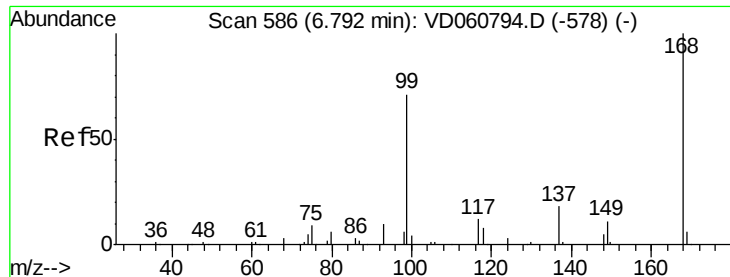
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.77 min Scan# 584

Delta R.T. -0.02 min

Lab File: VD060826.D

Acq: 1 Feb 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

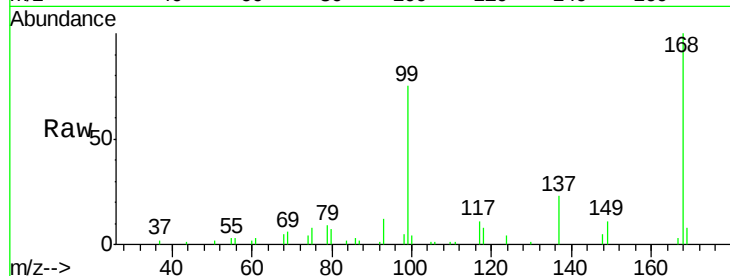
RBR-200053RE

Tot Ion:168 Resp: 115461

Ion Ratio Lower Upper

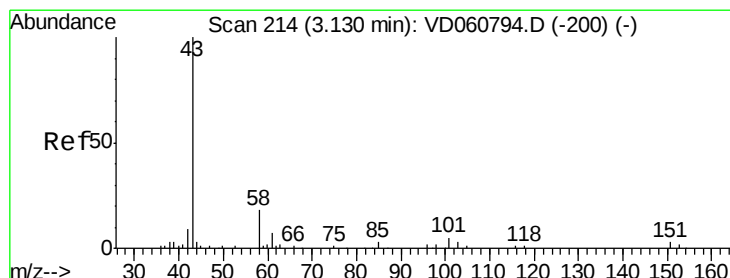
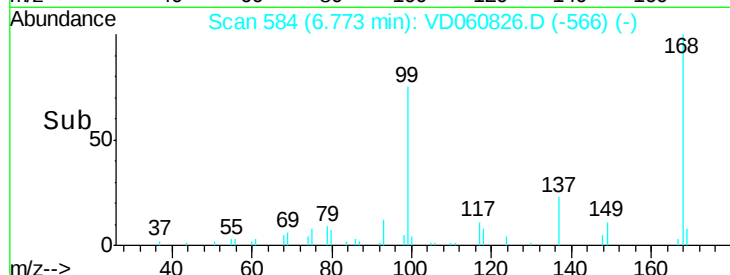
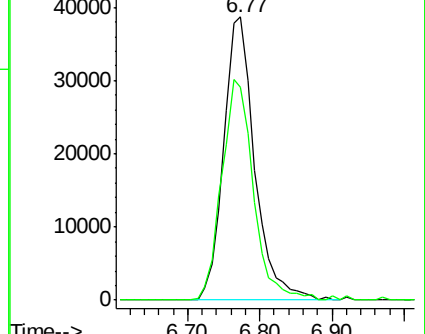
168 100

99 75.3 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 85.792 ug/l

RT: 3.13 min Scan# 214

Delta R.T. 0.00 min

Lab File: VD060826.D

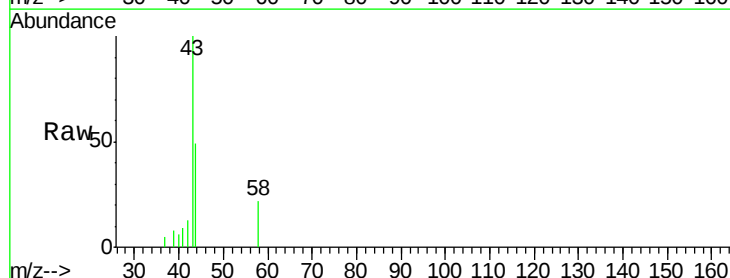
Acq: 1 Feb 2019 18:29

Tgt Ion: 43 Resp: 21934

Ion Ratio Lower Upper

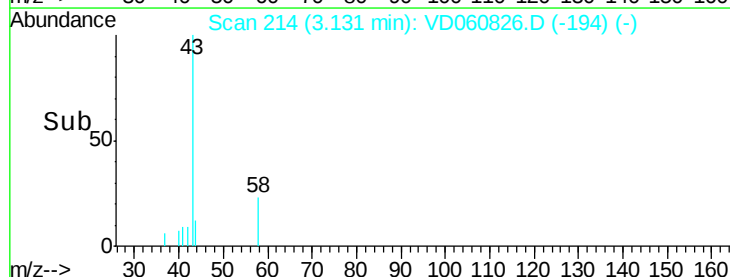
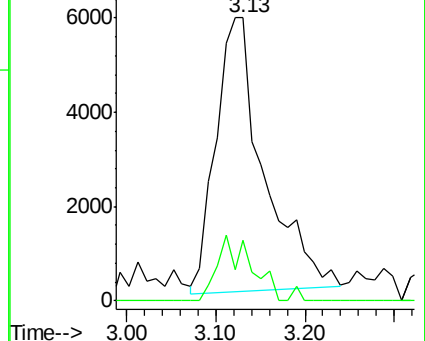
43 100

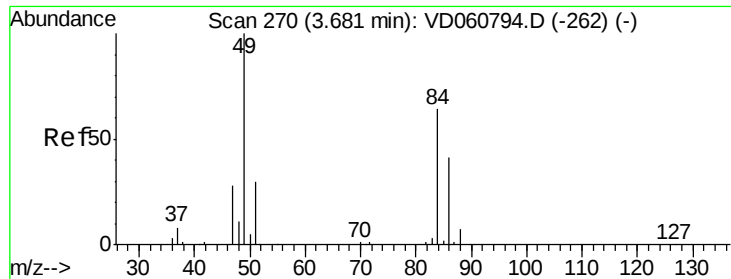
58 21.6 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.267 ug/l

RT: 3.66 min Scan# 268

Delta R.T. -0.02 min

Lab File: VD060826.D

Acq: 1 Feb 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

RBR-200053RE

Tot Ion: 84 Resp: 7557

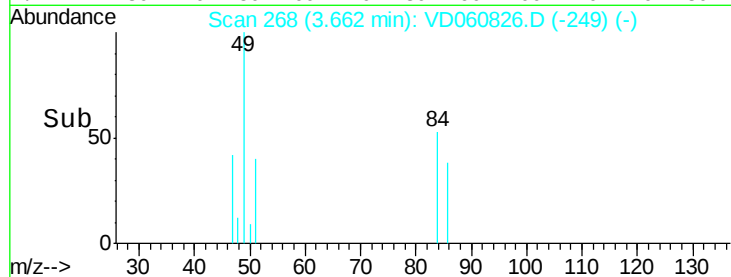
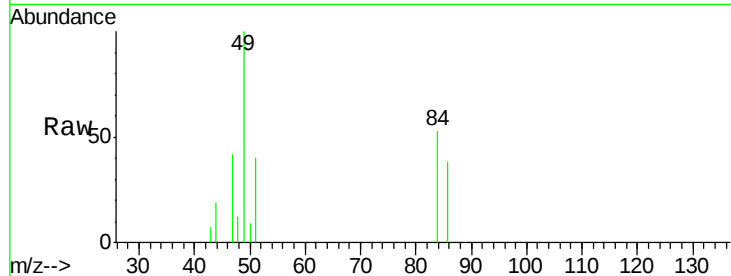
Ion Ratio Lower Upper

84 100

49 189.2 124.2 186.2#

51 74.8 38.1 57.1#

86 72.2 50.6 76.0

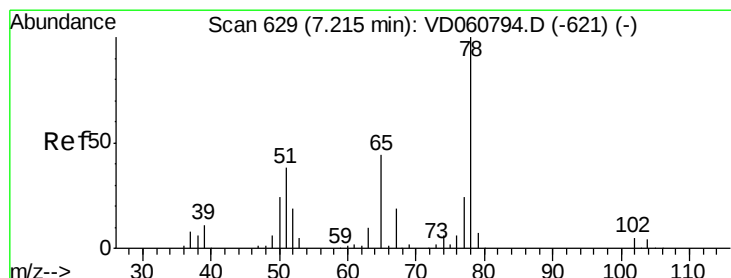
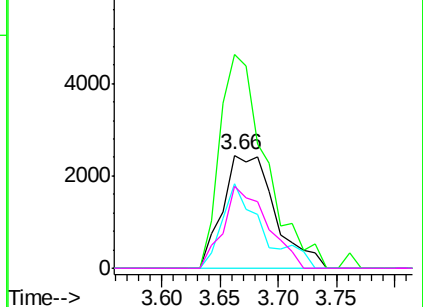


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.19 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD060826.D

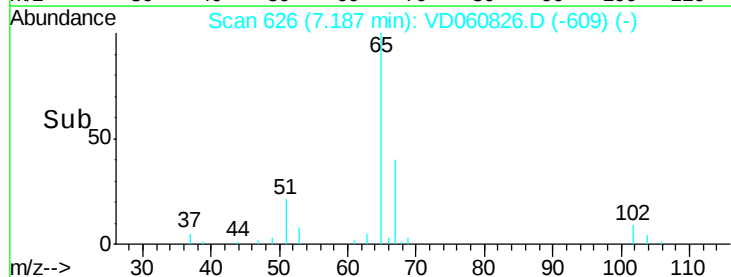
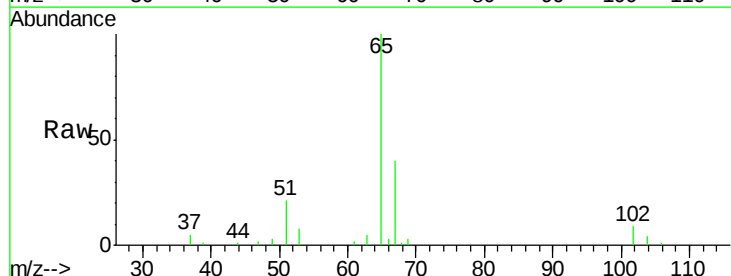
Acq: 1 Feb 2019 18:29

Tgt Ion: 65 Resp: 92743

Ion Ratio Lower Upper

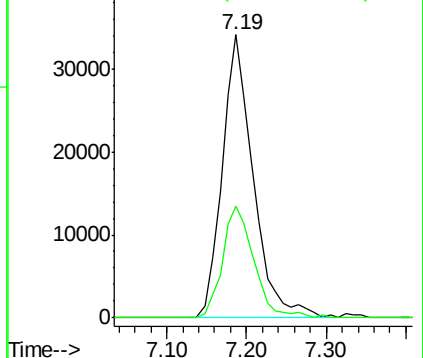
65 100

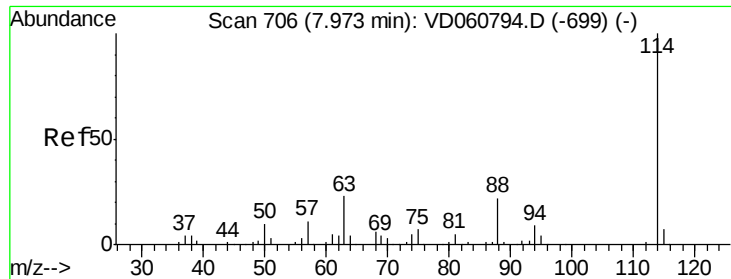
67 39.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

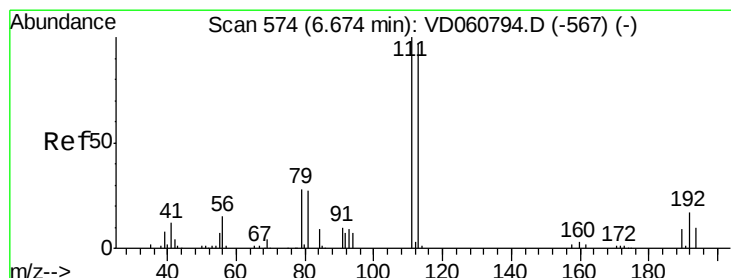
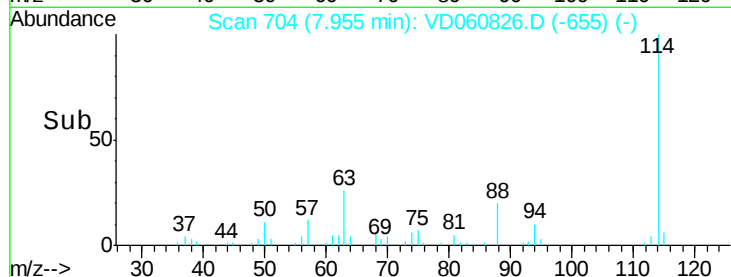
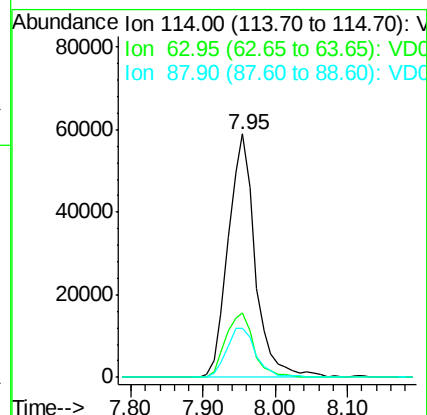
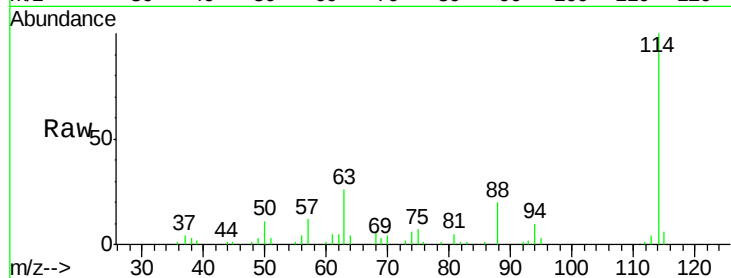




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 704
Delta R.T. -0.02 min
Lab File: VD060826.D
Acq: 1 Feb 2019 18:29

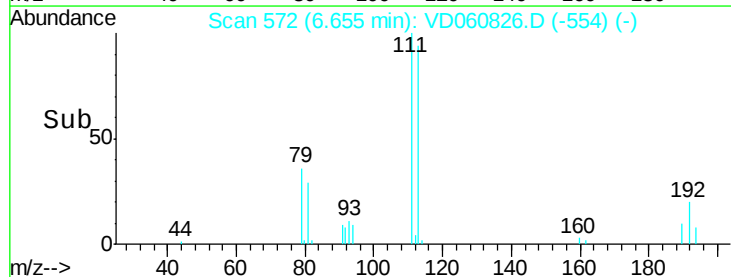
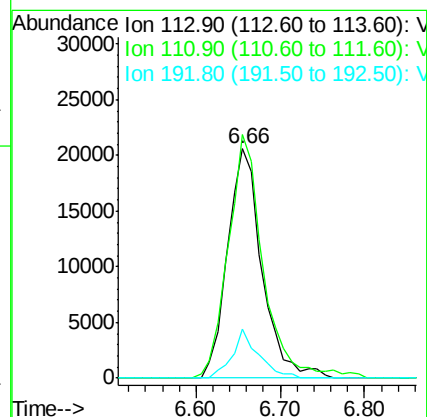
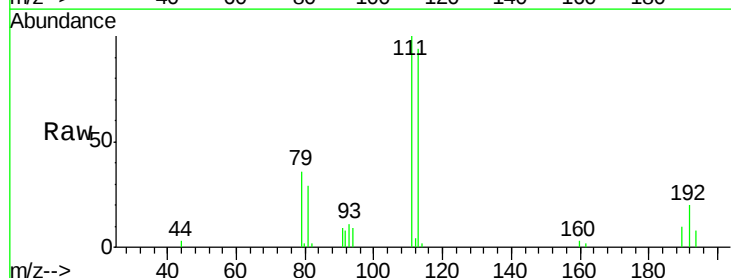
Instrument :
MSVOA_D
ClientSampleId :
RBR-200053RE

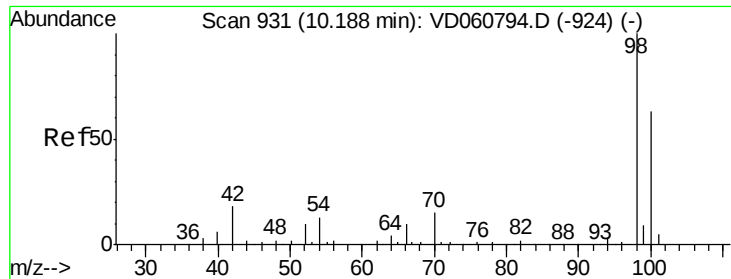
Tot Ion:114 Resp: 153377
Ion Ratio Lower Upper
114 100
63 26.4 0.0 46.6
88 20.4 0.0 44.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.66 min Scan# 572
Delta R.T. -0.02 min
Lab File: VD060826.D
Acq: 1 Feb 2019 18:29

Tgt Ion:113 Resp: 58616
Ion Ratio Lower Upper
113 100
111 106.1 82.3 123.5
192 21.2 14.4 21.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.16 min Scan# 928

Delta R.T. -0.03 min

Lab File: VD060826.D

Acq: 1 Feb 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

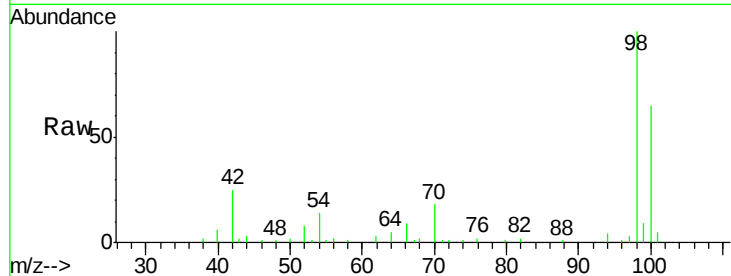
RBR-200053RE

Tot Ion: 98 Resp: 116426

Ion Ratio Lower Upper

98 100

100 64.7 51.0 76.6

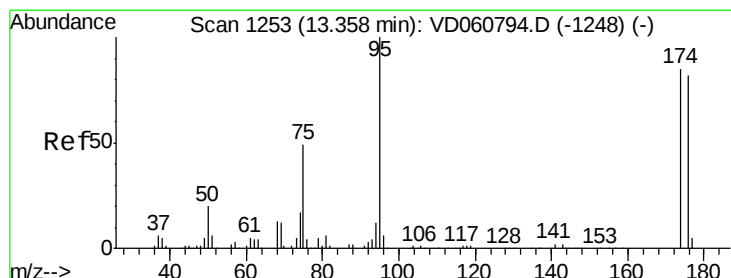
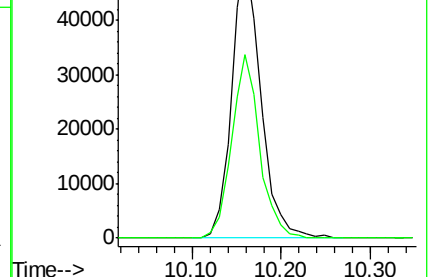
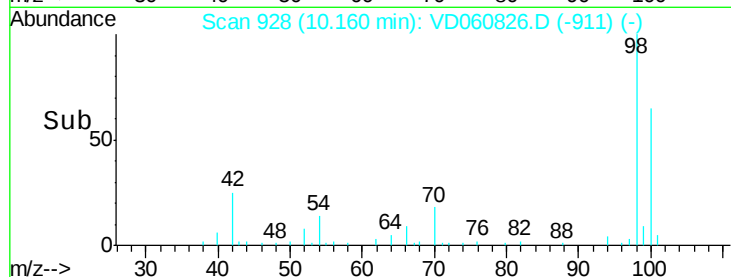


Abundance Ion 98.05 (97.75 to 98.75): VD060794.D (-924) (-)

Ion 100.05 (99.75 to 100.75): VD060794.D (-924) (-)

10.16

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.34 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VD060826.D

Acq: 1 Feb 2019 18:29

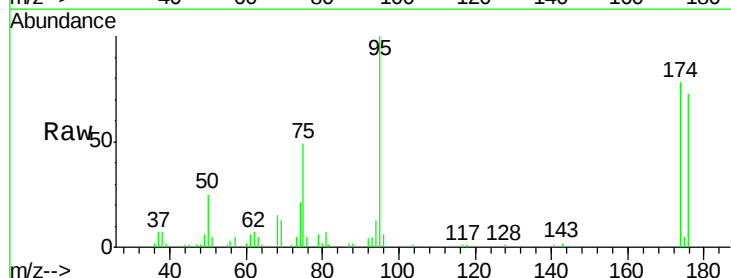
Tgt Ion: 95 Resp: 68593

Ion Ratio Lower Upper

95 100

174 78.4 0.0 169.6

176 72.6 0.0 163.8



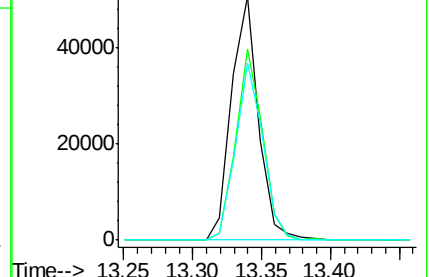
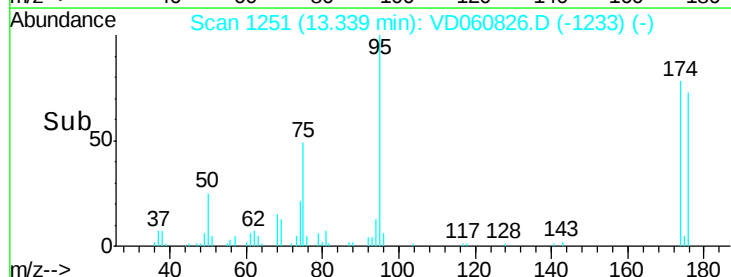
Abundance Ion 95.00 (94.70 to 95.70): VD060794.D (-1248) (-)

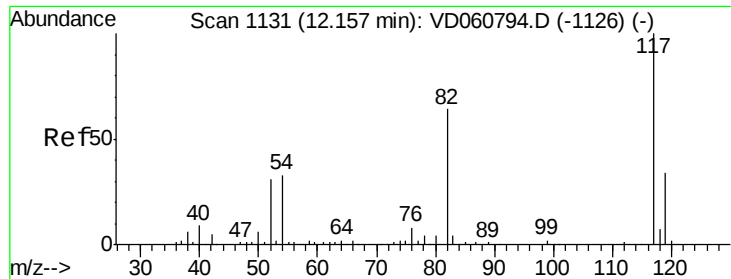
Ion 173.90 (173.60 to 174.60): VD060794.D (-1248) (-)

Ion 175.90 (175.60 to 176.60): VD060794.D (-1248) (-)

13.34

Time-->

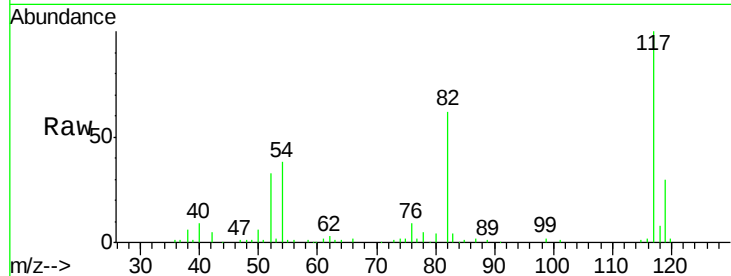




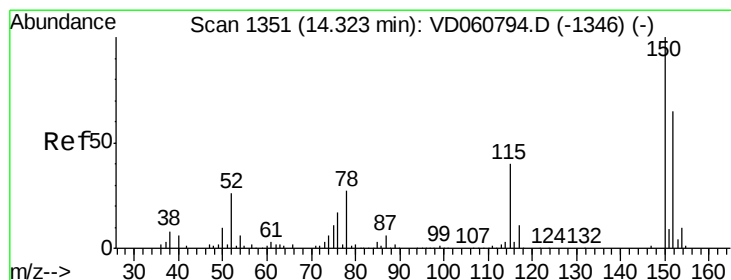
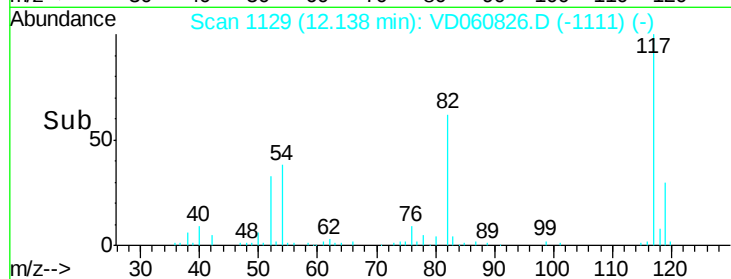
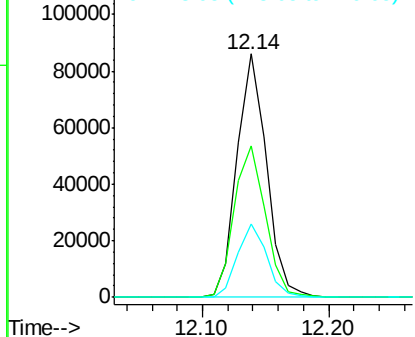
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.14 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VD060826.D
Acq: 1 Feb 2019 18:29

Instrument :
MSVOA_D
ClientSampleId :
RBR-200053RE

Tot Ion:117 Resp: 139710
Ion Ratio Lower Upper
117 100
82 62.4 51.5 77.3
119 30.2 27.1 40.7

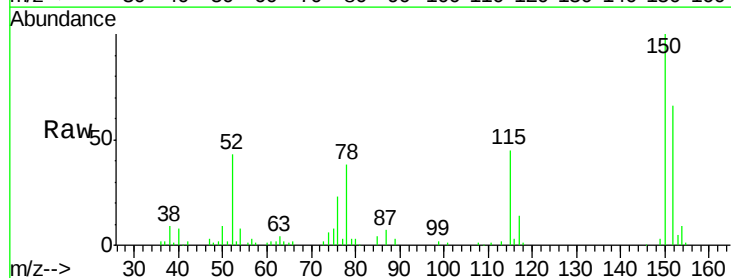


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

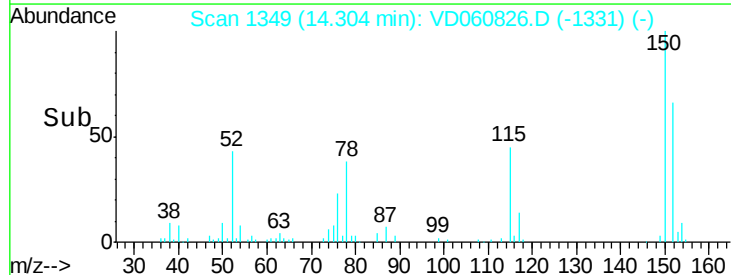
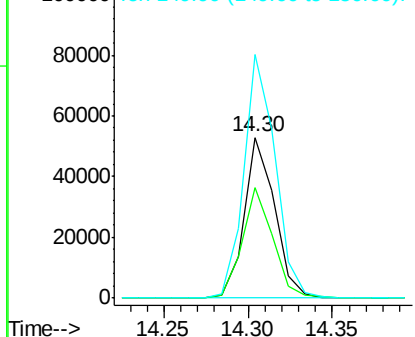


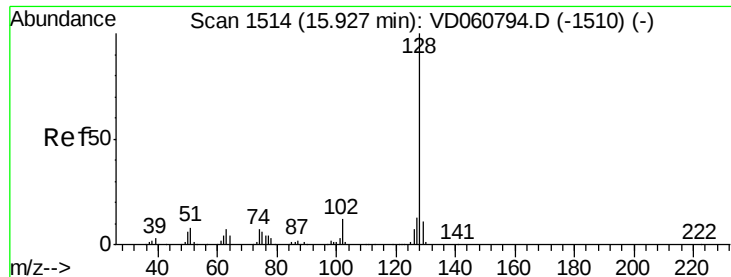
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.30 min Scan# 1349
Delta R.T. -0.02 min
Lab File: VD060826.D
Acq: 1 Feb 2019 18:29

Tgt Ion:152 Resp: 65961
Ion Ratio Lower Upper
152 100
115 68.7 31.6 95.0
150 151.2 0.0 317.6



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

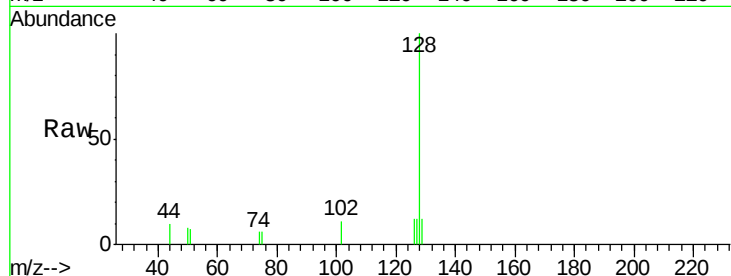




#95
Naphthalene
Concen: 2.190 ug/l
RT: 15.92 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VD060826.D
Acq: 1 Feb 2019 18:29

Instrument :
MSVOA_D
ClientSampleId :
RBR-200053RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.8	8.7	13.1



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

