

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061937.D
 Acq On : 22 Apr 2019 14:30
 Operator : VA/AP
 Sample : K2199-15RE
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-041819-BRE

Quant Time: Apr 22 23:53:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

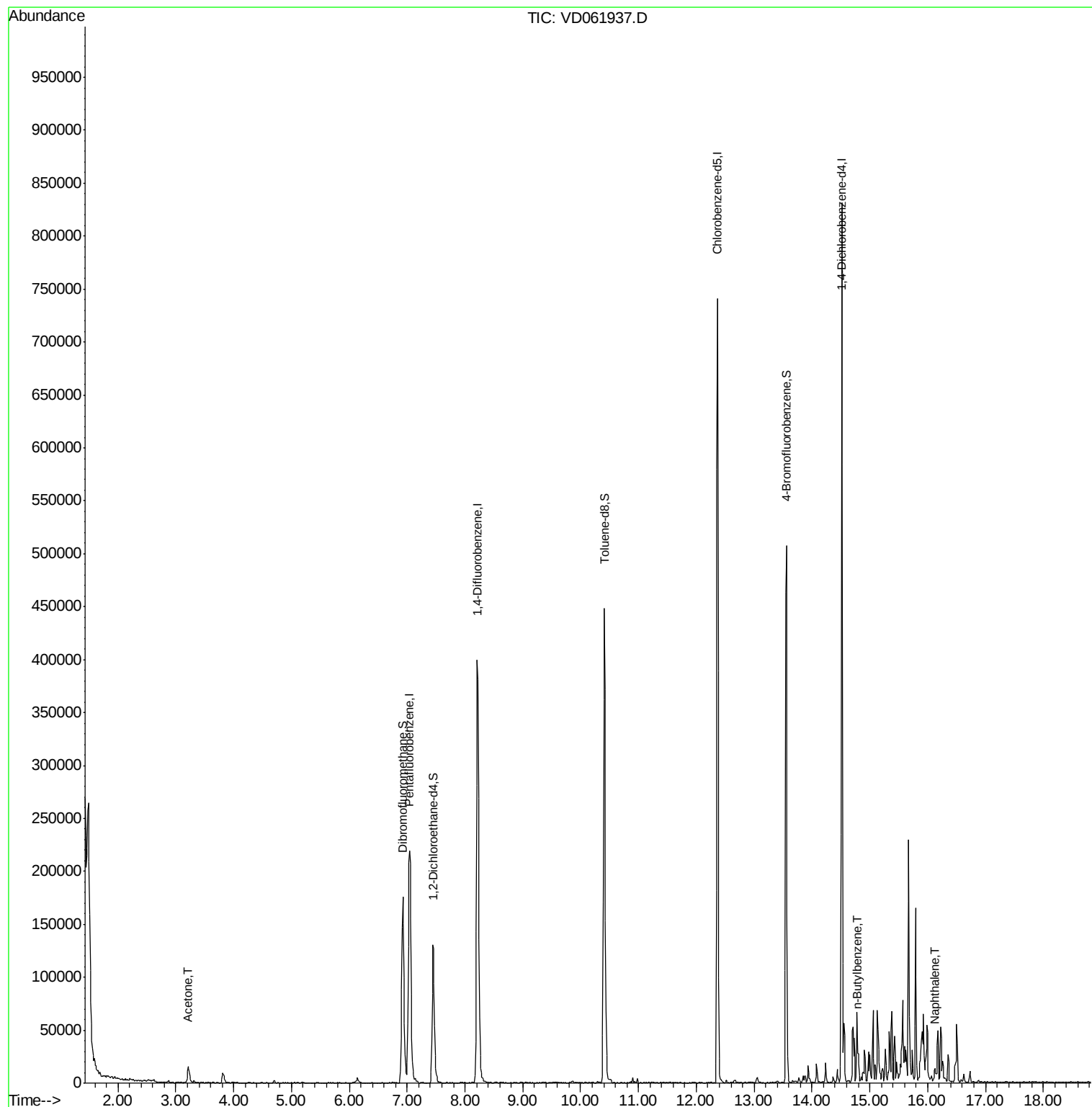
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	250094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	508601	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	452517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	190474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	136288	65.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.04%	
35) Dibromofluoromethane	6.92	113	167661	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
50) Toluene-d8	10.41	98	391418	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
62) 4-Bromofluorobenzene	13.56	95	165162	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	3.21	43	30375	58.799	ug/l	99
20) Methylene Chloride	3.81	84	6415	Below Cal	#	88
89) n-Butylbenzene	14.80	91	12429	1.261	ug/l	91
95) Naphthalene	16.12	128	7500	1.736	ug/l	97

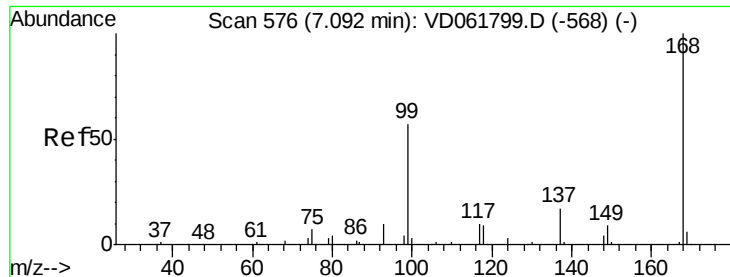
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061937.D

Acq: 22 Apr 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

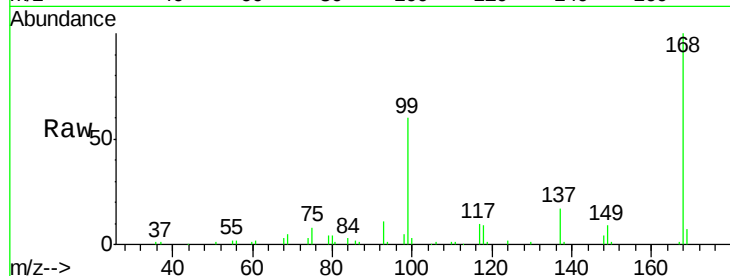
OR-03-041819-BRE

Tot Ion:168 Resp: 250094

Ion Ratio Lower Upper

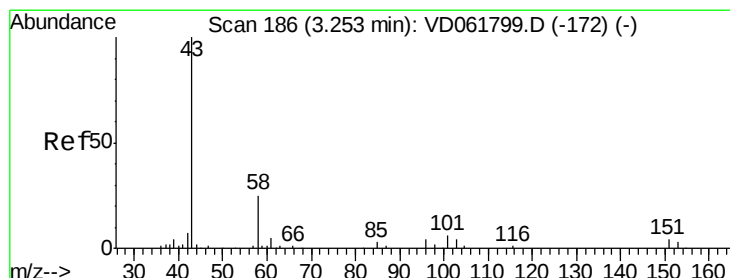
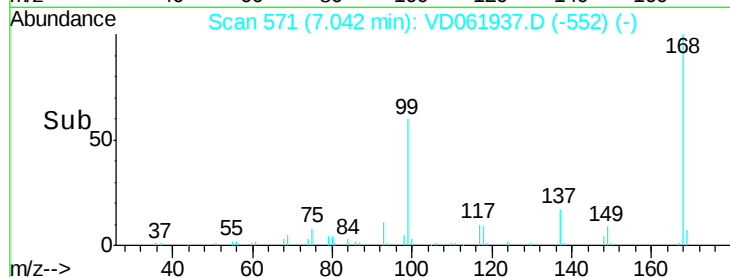
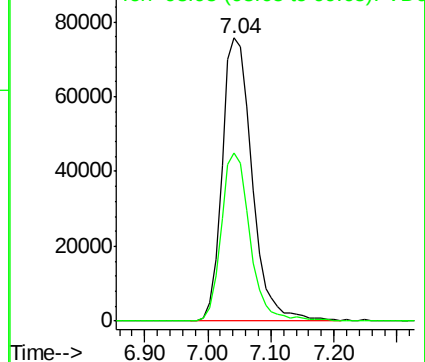
168 100

99 59.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 58.799 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061937.D

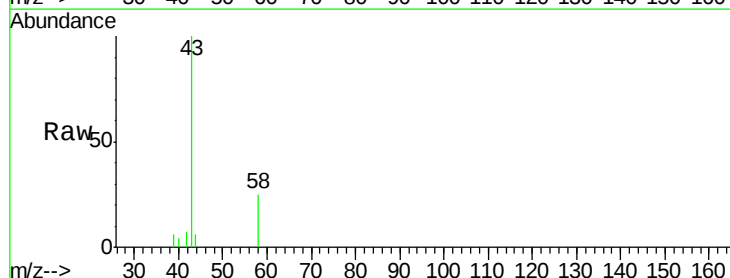
Acq: 22 Apr 2019 14:30

Tgt Ion: 43 Resp: 30375

Ion Ratio Lower Upper

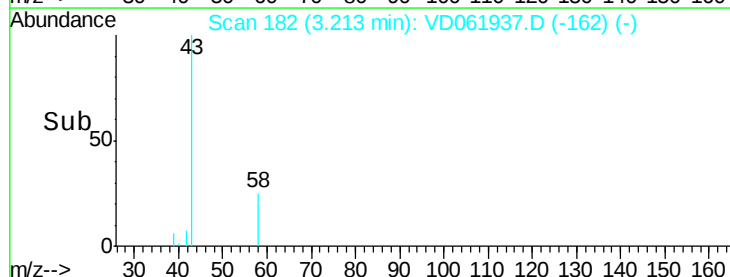
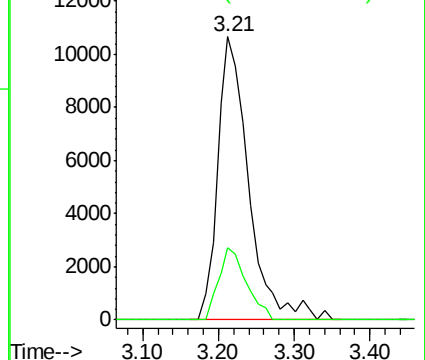
43 100

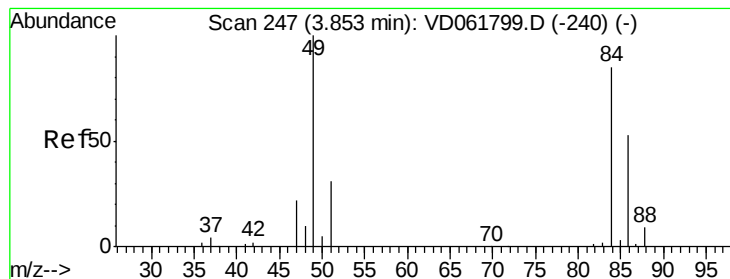
58 25.5 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: Below Cal

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061937.D

Acq: 22 Apr 2019 14:30

Instrument :
MSVOA_D
ClientSampleId :
OR-03-041819-BRE

Tot Ion: 84 Resp: 6415

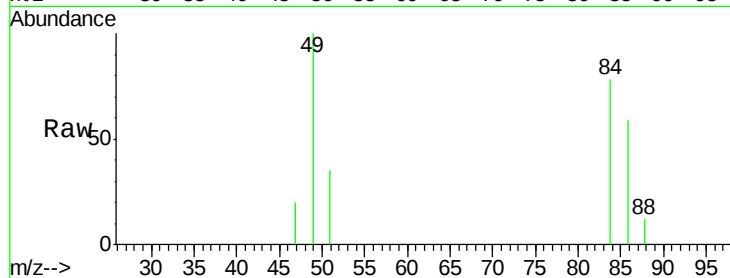
Ion Ratio Lower Upper

84 100

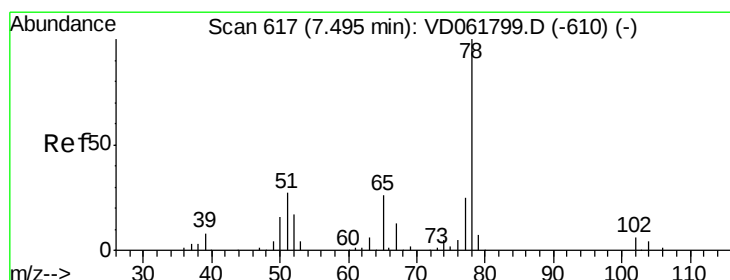
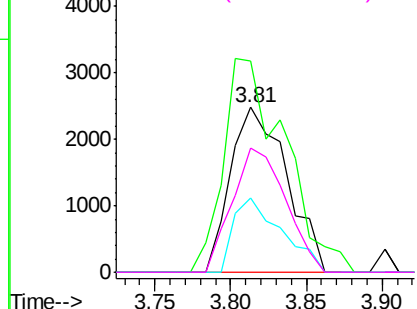
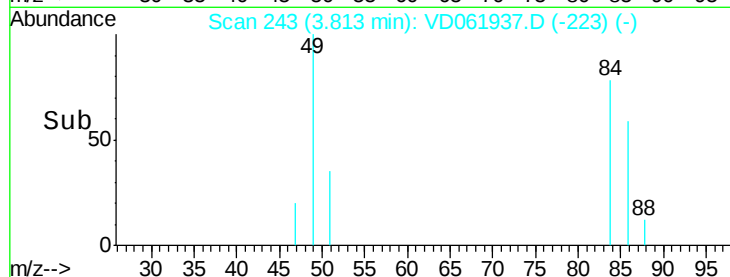
49 127.8 94.0 141.0

51 44.7 29.0 43.4#

86 75.1 49.8 74.6#



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: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061937.D

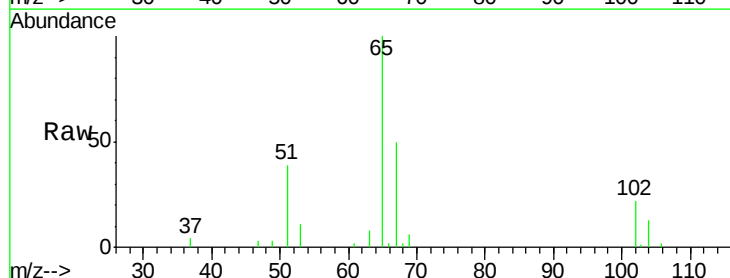
Acq: 22 Apr 2019 14:30

Tgt Ion: 65 Resp: 136288

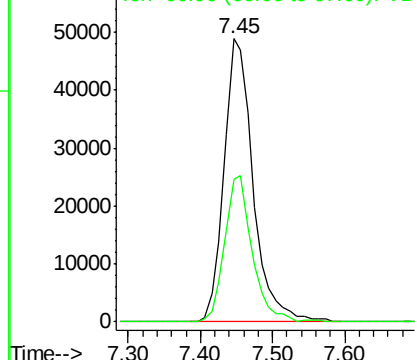
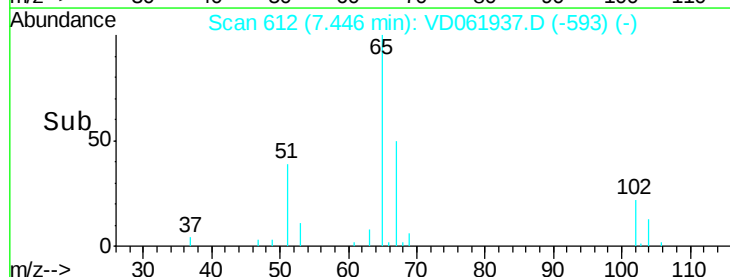
Ion Ratio Lower Upper

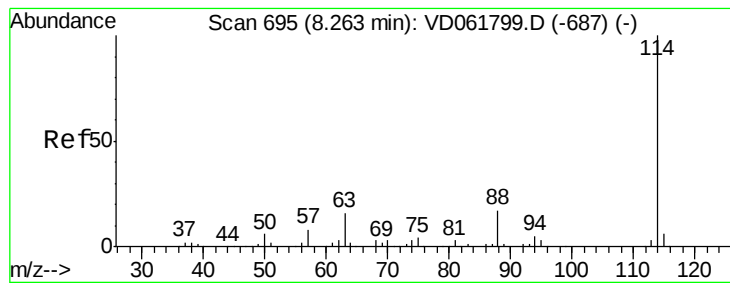
65 100

67 50.4 0.0 98.0



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: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD061937.D

Acq: 22 Apr 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

OR-03-041819-BRE

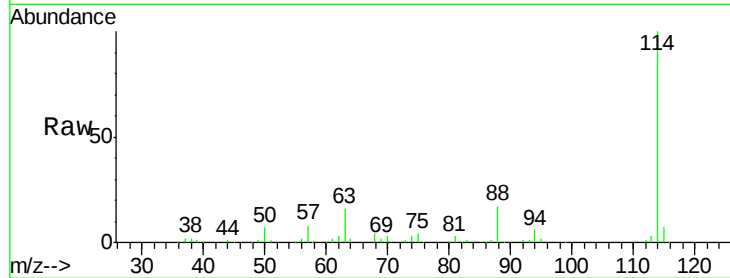
Tot Ion:114 Resp: 508601

Ion Ratio Lower Upper

114 100

63 16.3 0.0 32.4

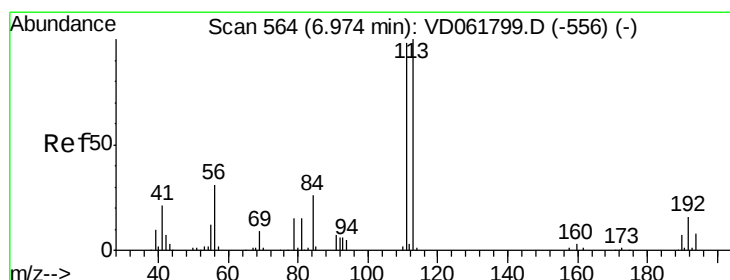
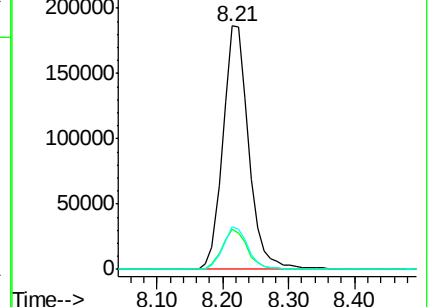
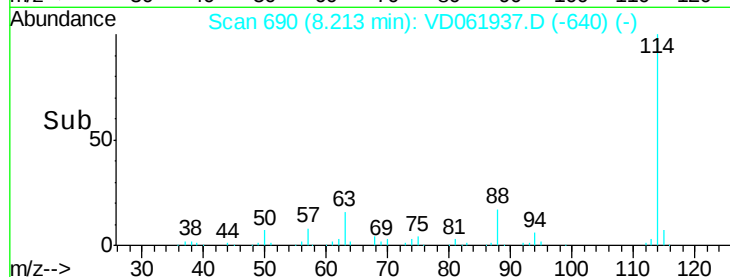
88 17.5 0.0 33.6



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: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061937.D

Acq: 22 Apr 2019 14:30

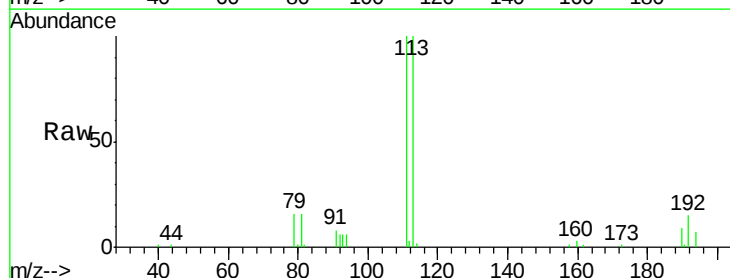
Tgt Ion:113 Resp: 167661

Ion Ratio Lower Upper

113 100

111 99.9 78.5 117.7

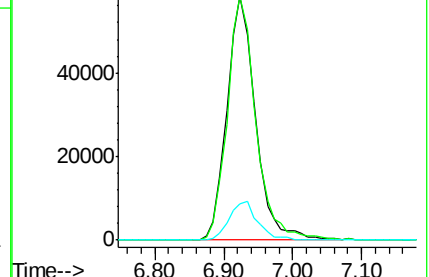
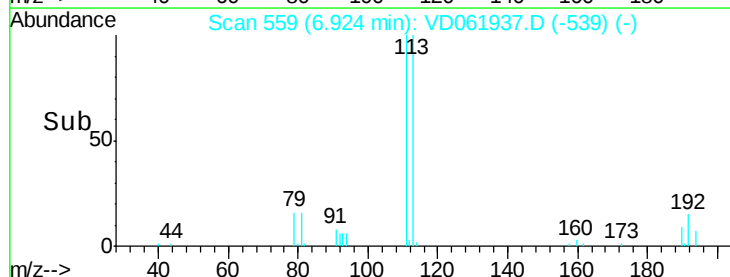
192 14.7 13.0 19.4

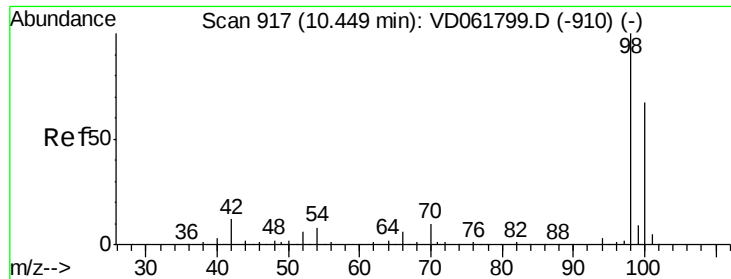


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

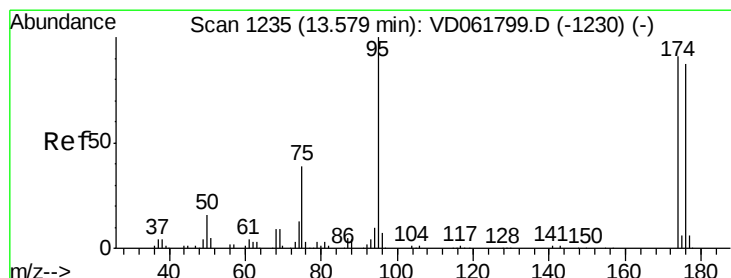
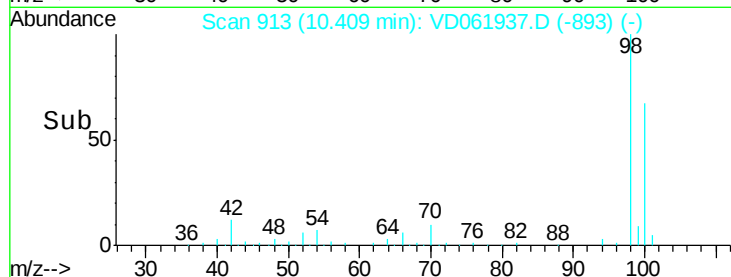
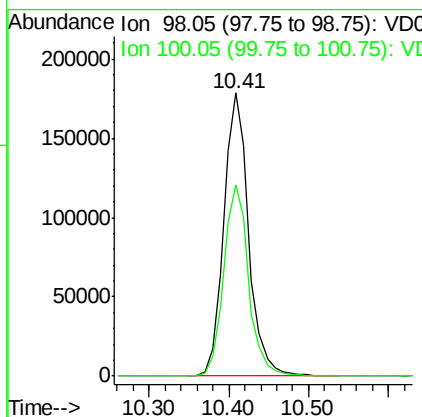
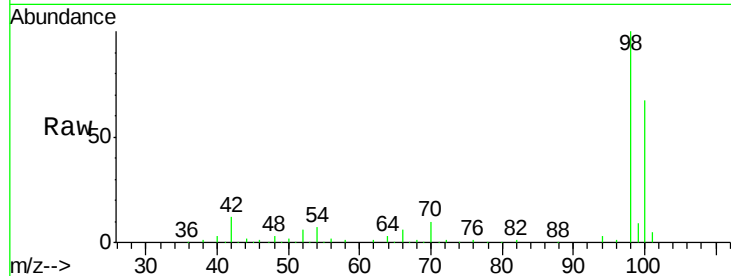




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061937.D
Acq: 22 Apr 2019 14:30

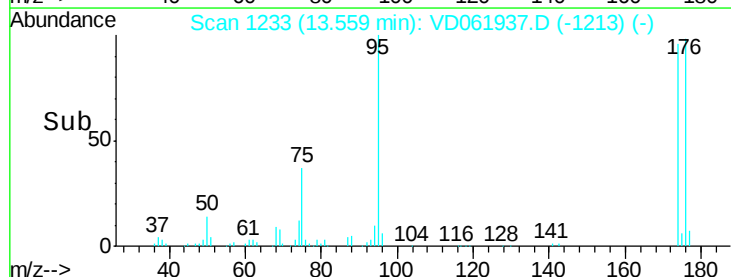
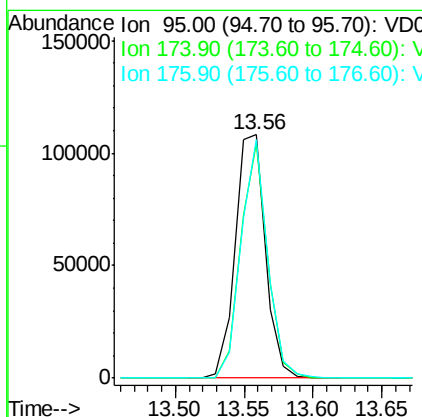
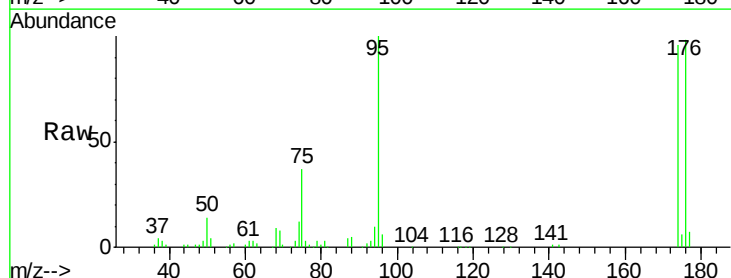
Instrument :
MSVOA_D
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OR-03-041819-BRE

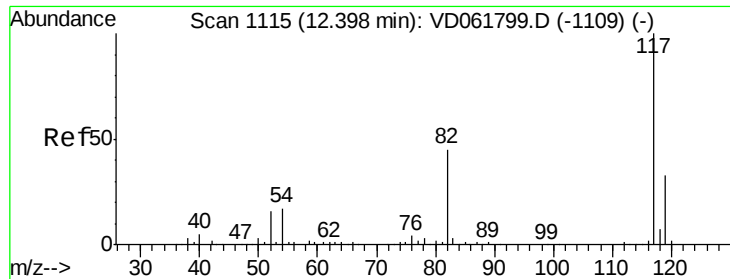
Tot Ion: 98 Resp: 391418
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061937.D
Acq: 22 Apr 2019 14:30

Tgt Ion: 95 Resp: 165162
Ion Ratio Lower Upper
95 100
174 96.3 0.0 181.8
176 97.9 0.0 174.4

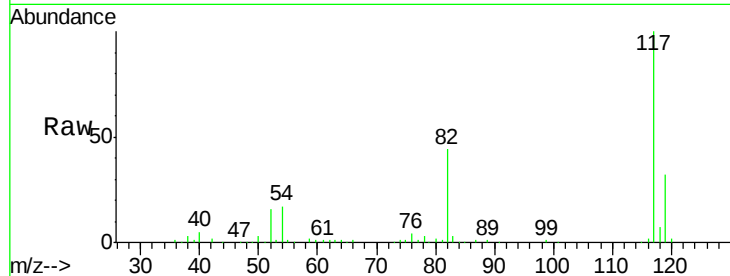




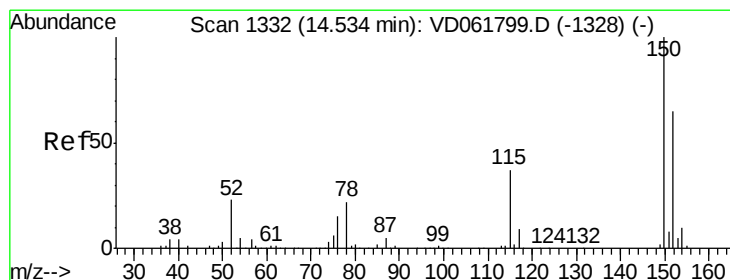
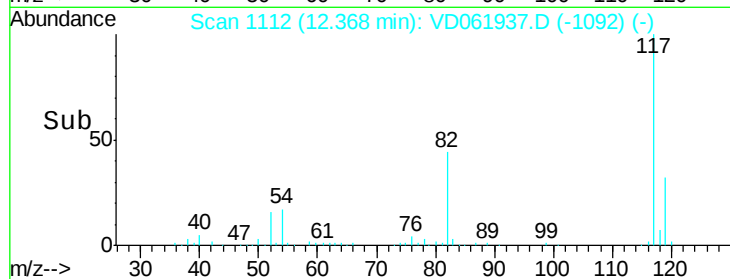
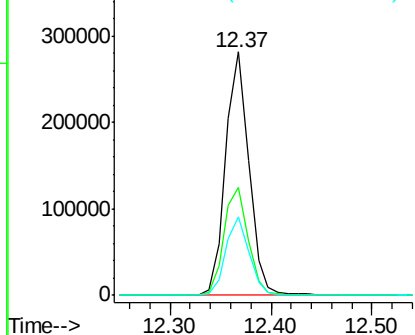
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061937.D
Acq: 22 Apr 2019 14:30

Instrument :
MSVOA_D
ClientSampleId :
OR-03-041819-BRE

Tot Ion:117 Resp: 452517
Ion Ratio Lower Upper
117 100
82 44.4 36.2 54.2
119 32.1 26.2 39.4

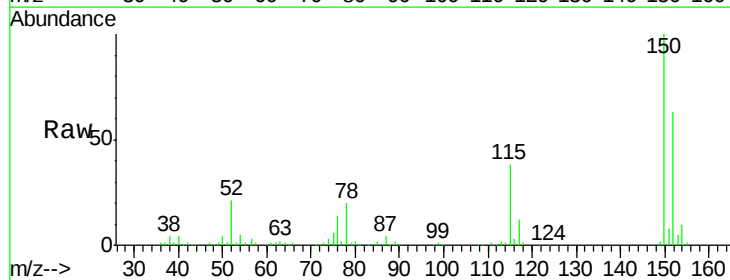


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

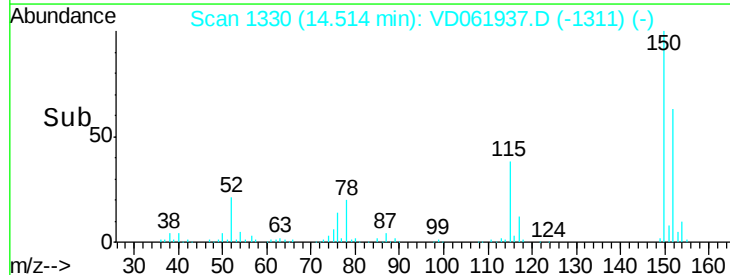
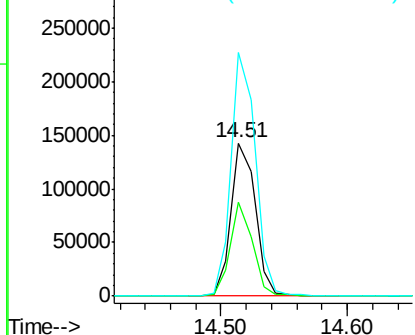


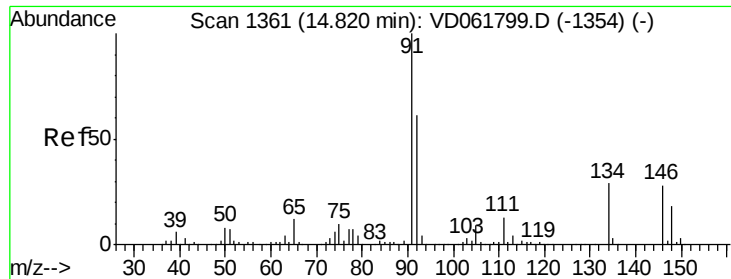
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061937.D
Acq: 22 Apr 2019 14:30

Tgt Ion:152 Resp: 190474
Ion Ratio Lower Upper
152 100
115 60.8 30.9 92.7
150 158.8 0.0 314.8



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





#89

n-Butylbenzene

Concen: 1.261 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VD061937.D

Acq: 22 Apr 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

OR-03-041819-BRE

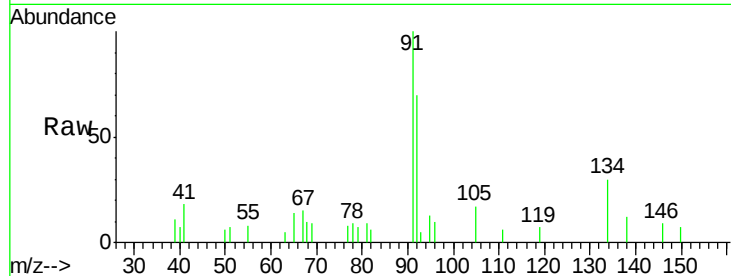
Tot Ion: 91 Resp: 12429

Ion Ratio Lower Upper

91 100

92 70.2 30.3 91.0

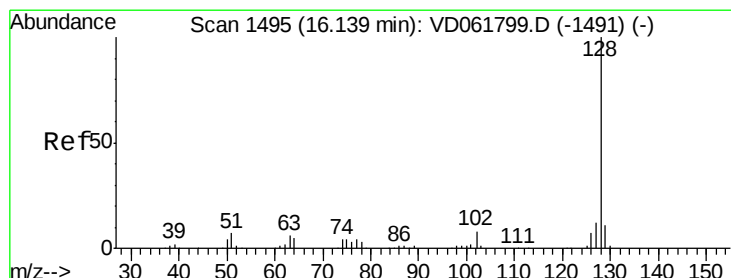
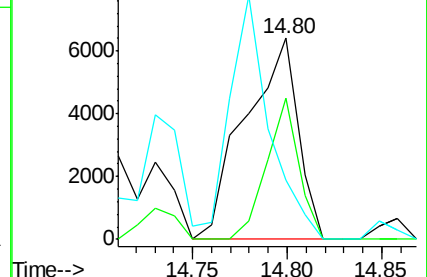
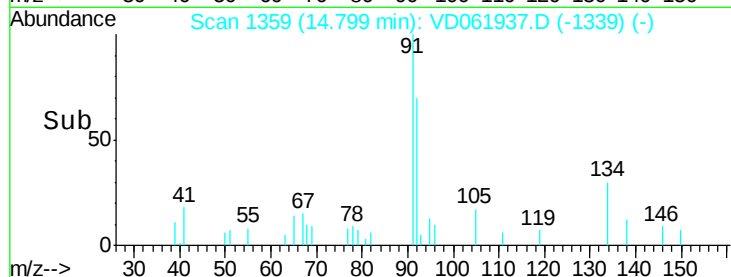
134 29.7 14.5 43.6



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



#95

Naphthalene

Concen: 1.736 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD061937.D

Acq: 22 Apr 2019 14:30

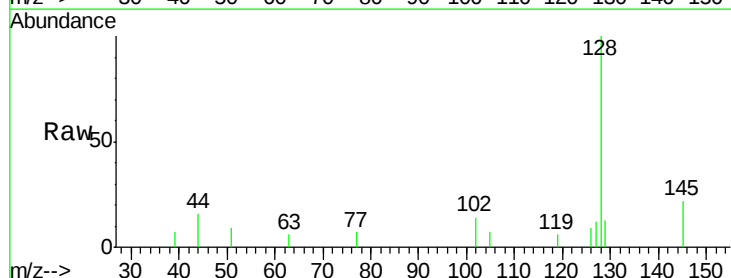
Tgt Ion: 128 Resp: 7500

Ion Ratio Lower Upper

128 100

127 12.2 9.8 14.8

129 12.9 8.8 13.2



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

