

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061108.D
 Acq On : 16 Mar 2019 14:41
 Operator : VA/AP
 Sample : K1905-01
 Misc : 4.68g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

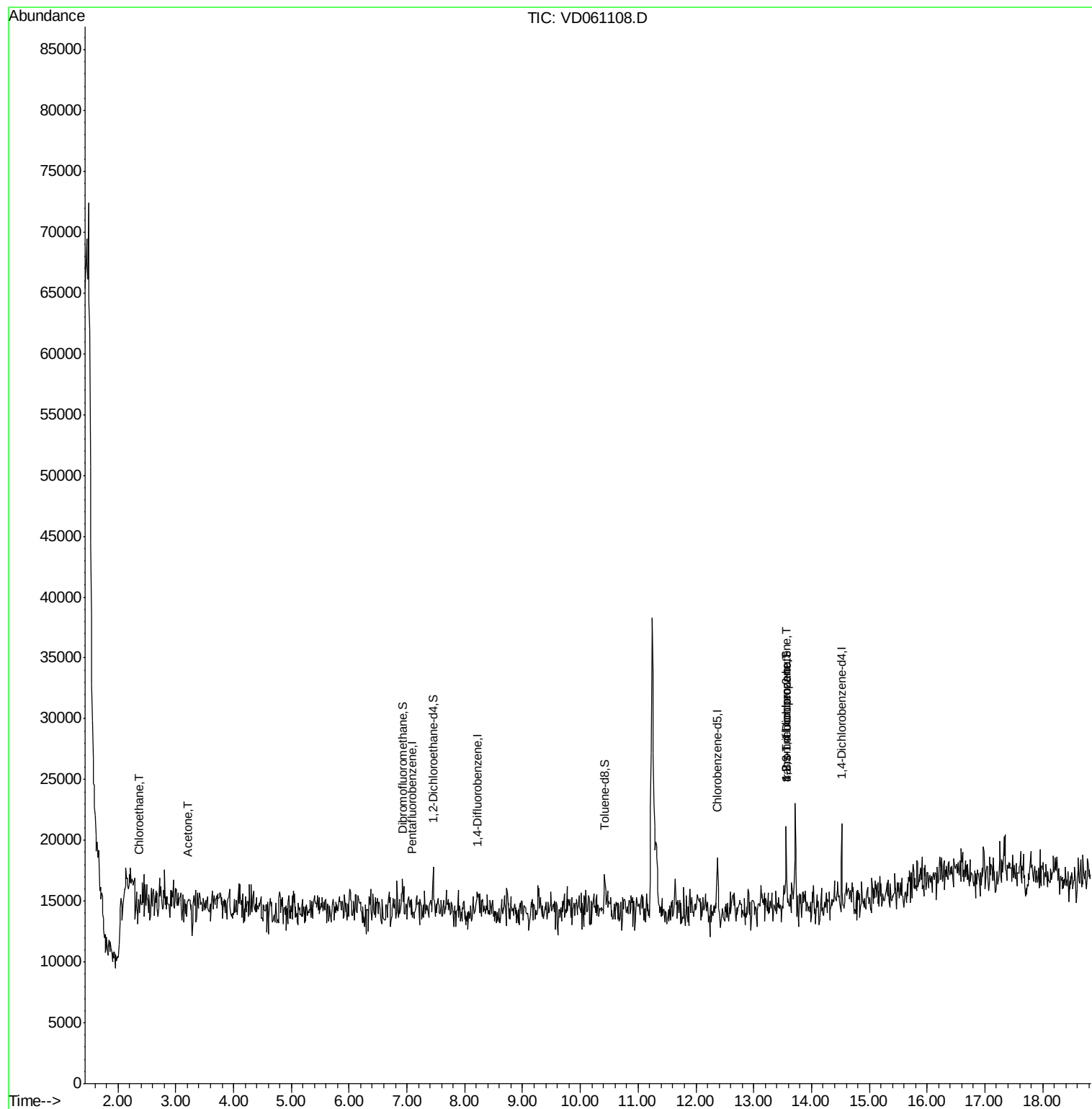
Quant Time: Mar 18 02:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

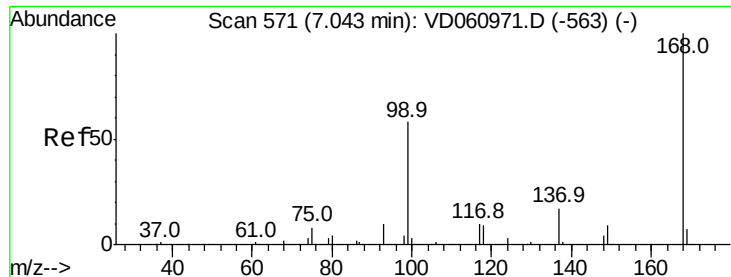
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	1038	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	4451	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	3902	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	1721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	1051	121.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	243.28%	
35) Dibromofluoromethane	6.92	113	1383	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
50) Toluene-d8	10.42	98	2737	33.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.00%	
62) 4-Bromofluorobenzene	13.56	95	1662	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
Target Compounds						
6) Chloroethane	2.36	64	192	81.047	ug/l #	47
16) Acetone	3.20	43	606	245.272	ug/l #	48
76) 1,2,3-Trichloropropane	13.56	75	364	14.701	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	364	49.865	ug/l #	17

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061108.D

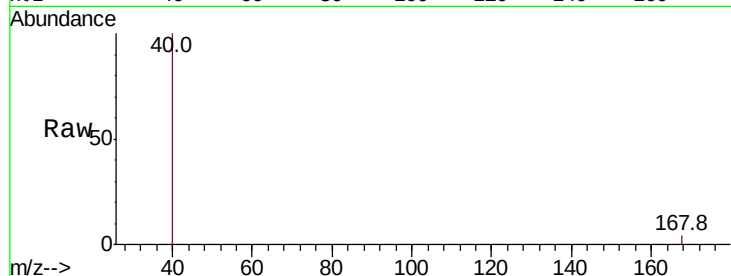
Acq: 16 Mar 2019 14:41

Tot Ion: 168 Resp: 1038

Ion Ratio Lower Upper

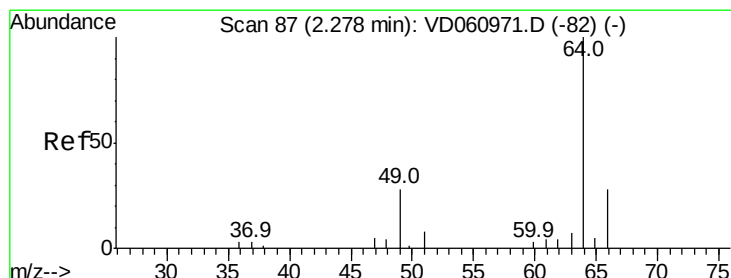
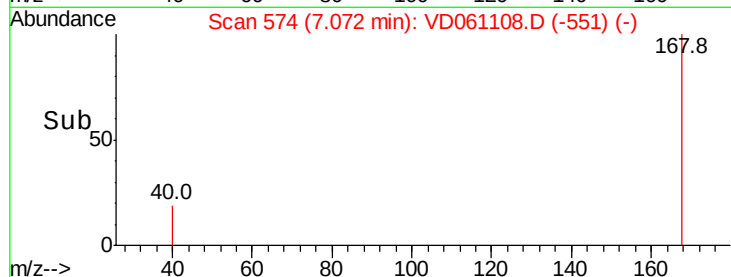
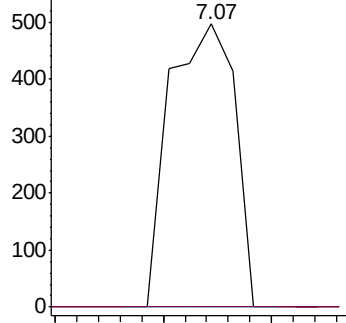
168 100

99 0.0 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#6

Chloroethane

Concen: 81.047 ug/l

RT: 2.36 min Scan# 95

Delta R.T. 0.08 min

Lab File: VD061108.D

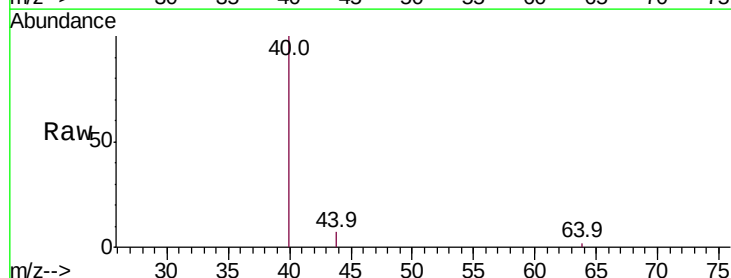
Acq: 16 Mar 2019 14:41

Tgt Ion: 64 Resp: 192

Ion Ratio Lower Upper

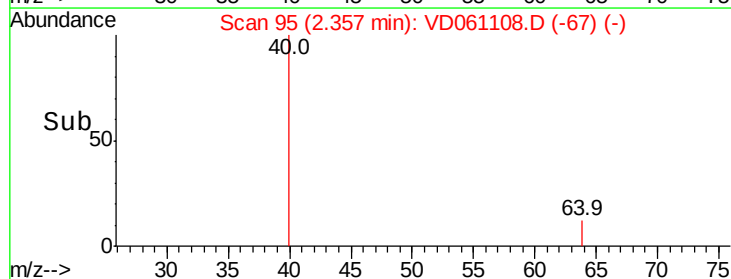
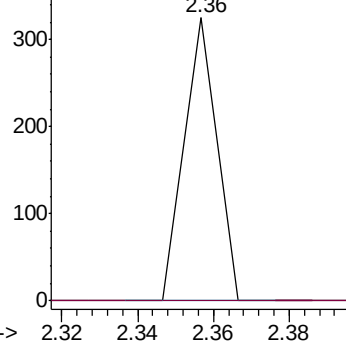
64 100

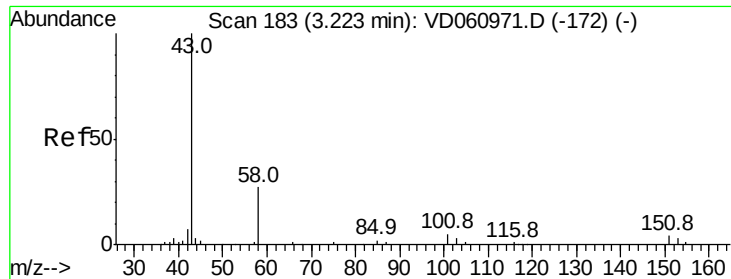
66 0.0 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#16

Acetone

Concen: 245.272 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061108.D

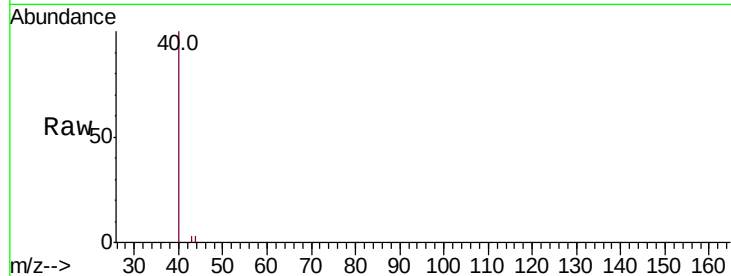
Acq: 16 Mar 2019 14:41

Tot Ion: 43 Resp: 606

Ion Ratio Lower Upper

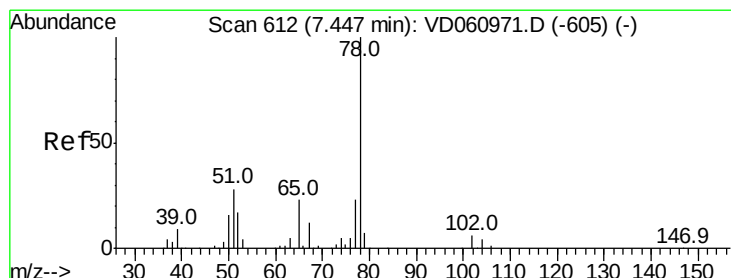
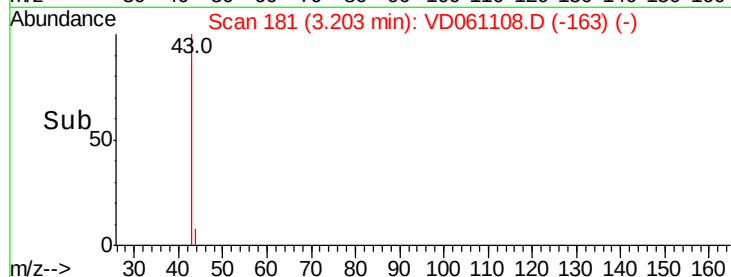
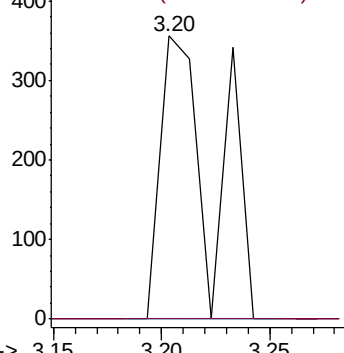
43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061108.D

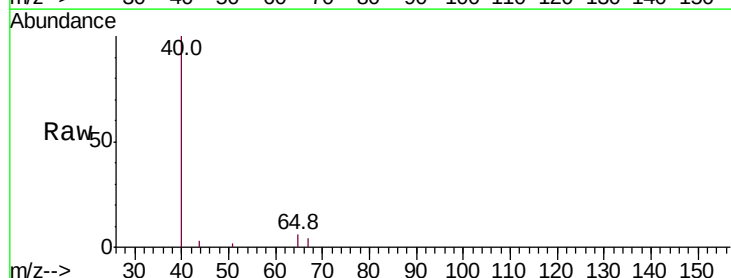
Acq: 16 Mar 2019 14:41

Tgt Ion: 65 Resp: 1051

Ion Ratio Lower Upper

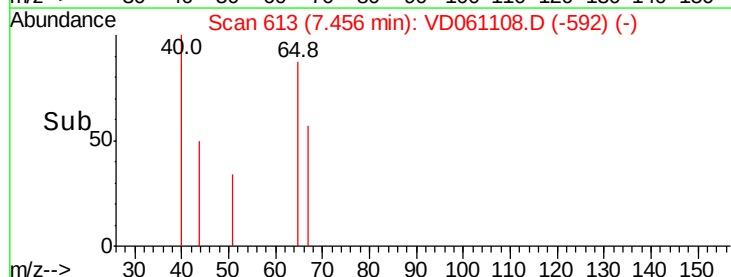
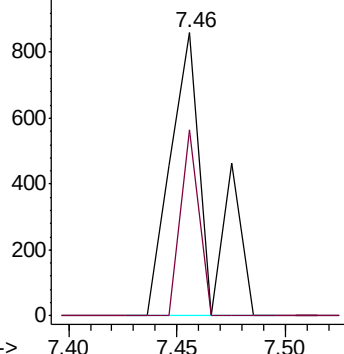
65 100

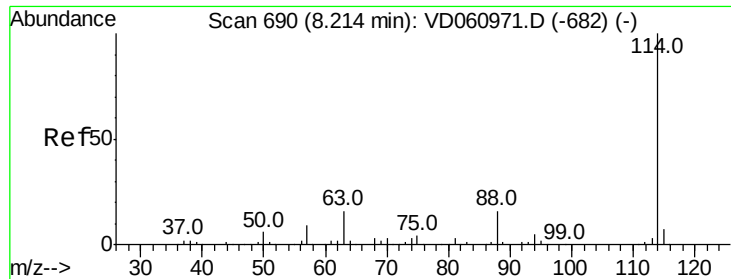
67 65.9 0.0 105.2



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: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061108.D

Acq: 16 Mar 2019 14:41

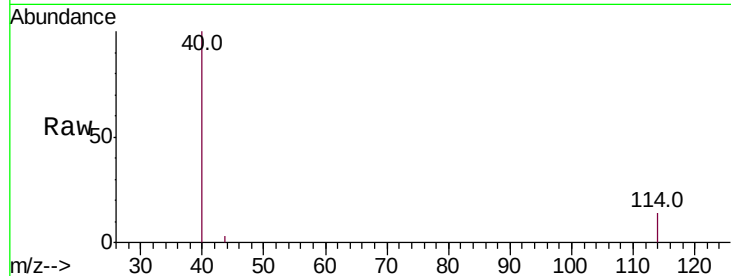
Tot Ion:114 Resp: 4451

Ion Ratio Lower Upper

114 100

63 0.0 0.0 31.4

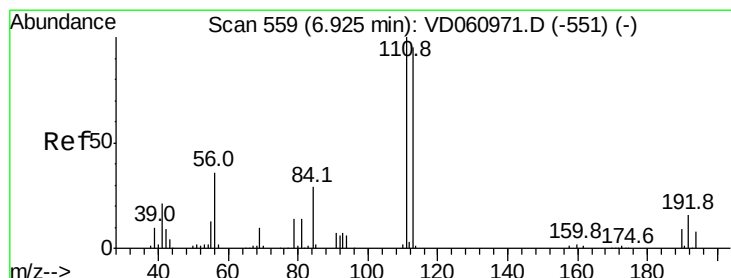
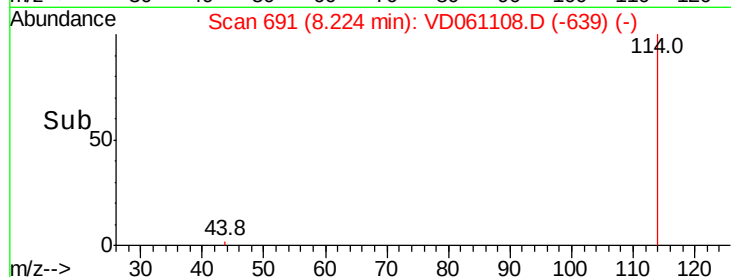
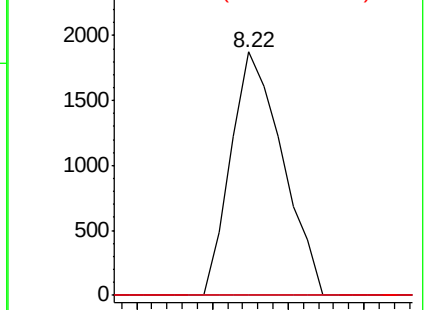
88 0.0 0.0 33.0



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: VD061108.D

Acq: 16 Mar 2019 14:41

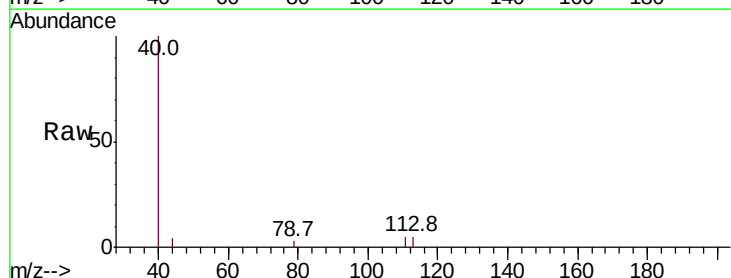
Tgt Ion:113 Resp: 1383

Ion Ratio Lower Upper

113 100

111 94.2 84.2 126.4

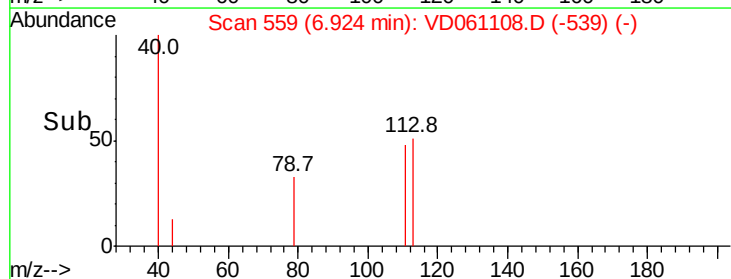
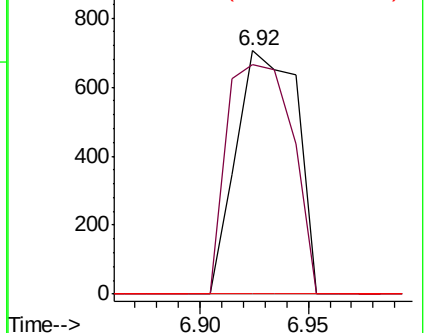
192 0.0 13.1 19.7#

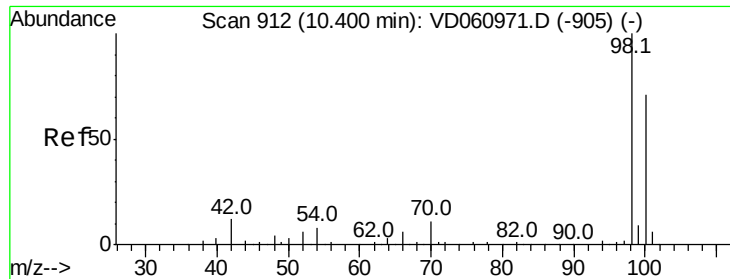


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061108.D

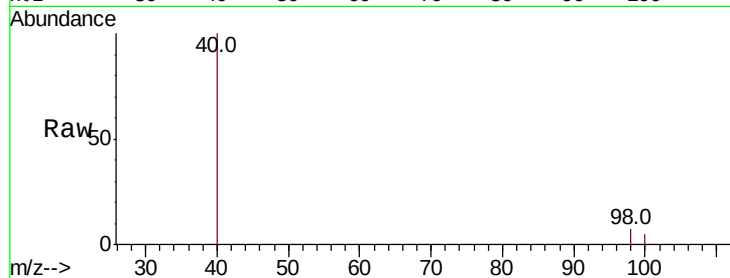
Acq: 16 Mar 2019 14:41

Tot Ion: 98 Resp: 2737

Ion Ratio Lower Upper

98 100

100 73.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

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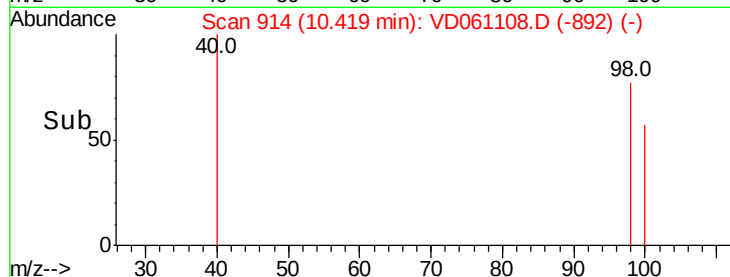
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#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061108.D

Acq: 16 Mar 2019 14:41

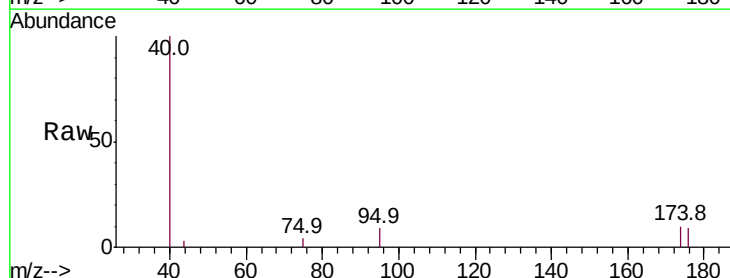
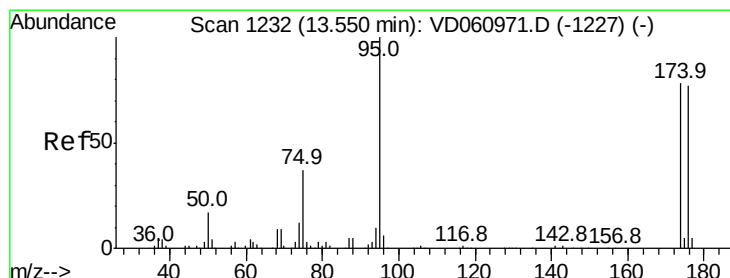
Tgt Ion: 95 Resp: 1662

Ion Ratio Lower Upper

95 100

174 109.0 0.0 155.6

176 94.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

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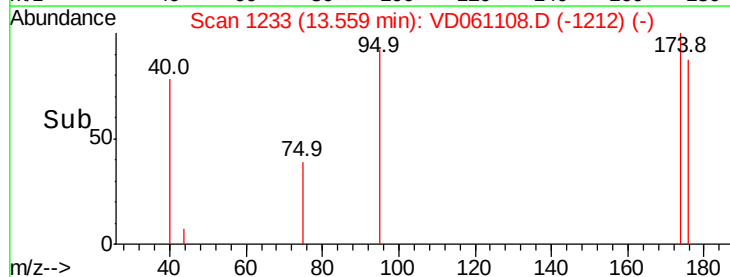
13.56

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#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061108.D

Acq: 16 Mar 2019 14:41

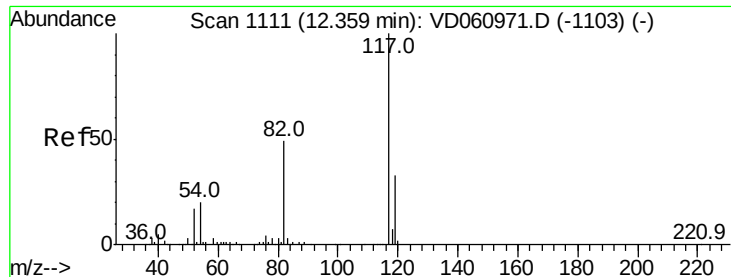
Tgt Ion: 95 Resp: 1662

Ion Ratio Lower Upper

95 100

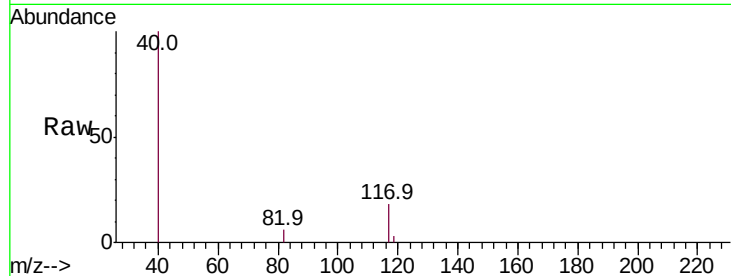
174 109.0 0.0 155.6

176 94.3 0.0 153.8

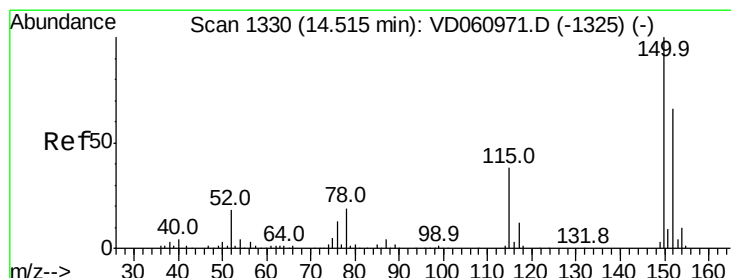
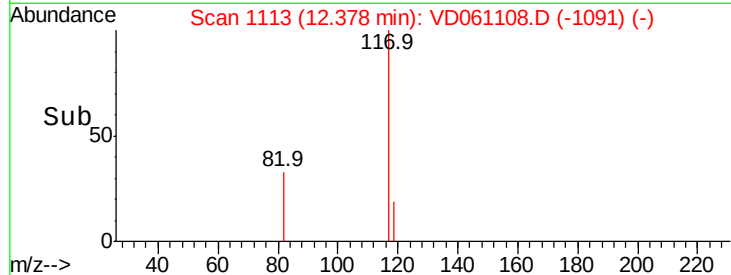
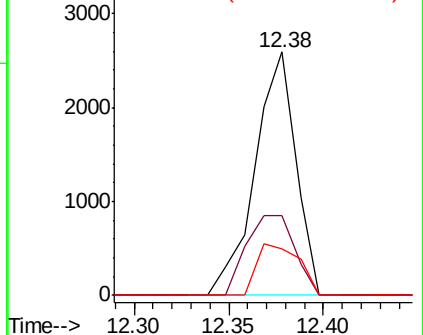


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061108.D
Acq: 16 Mar 2019 14:41

Tot Ion:117 Resp: 3902
Ion Ratio Lower Upper
117 100
82 33.0 38.9 58.3#
119 18.8 26.6 39.8#

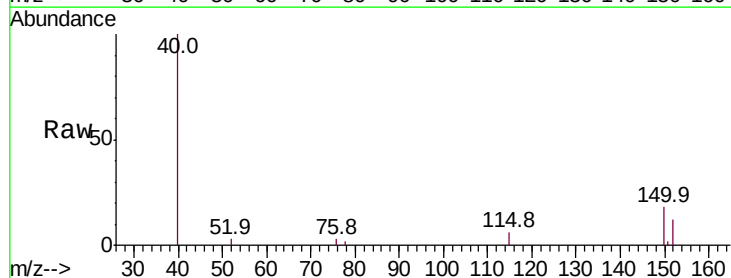


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

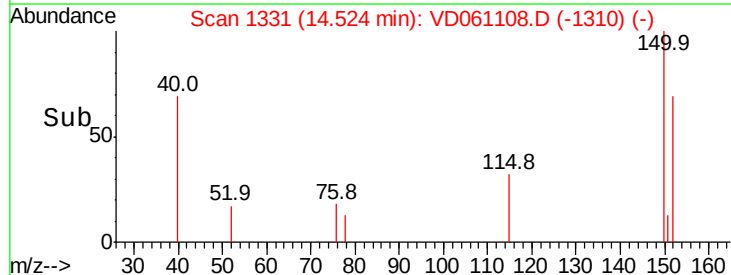
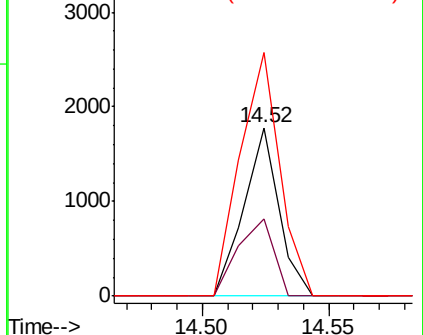


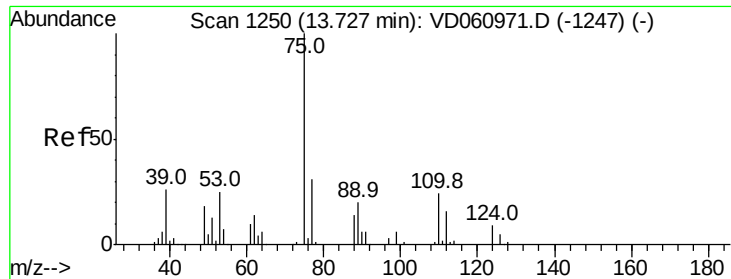
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061108.D
Acq: 16 Mar 2019 14:41

Tgt Ion:152 Resp: 1721
Ion Ratio Lower Upper
152 100
115 46.0 28.6 85.9
150 144.6 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





#76

1,2,3-Trichloropropane

Concen: 14.701 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061108.D

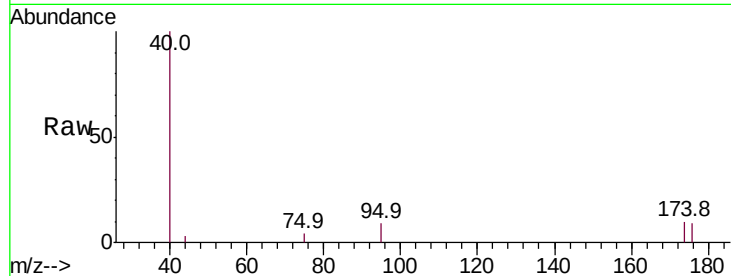
Acq: 16 Mar 2019 14:41

Tot Ion: 75 Resp: 364

Ion Ratio Lower Upper

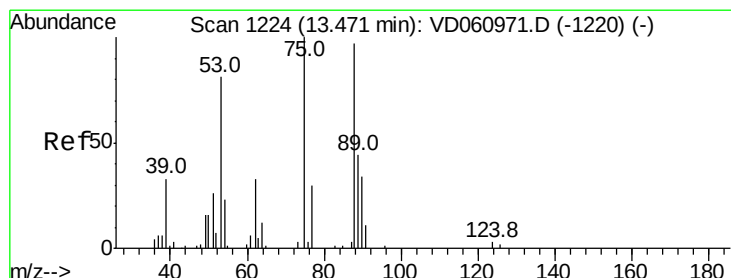
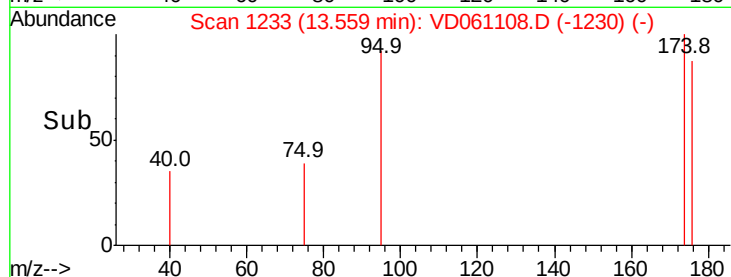
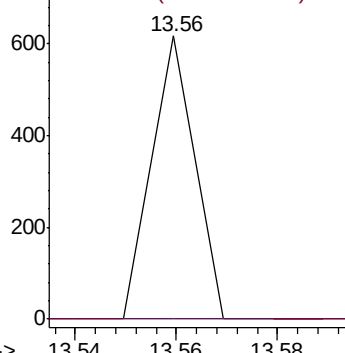
75 100

77 0.0 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 49.865 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061108.D

Acq: 16 Mar 2019 14:41

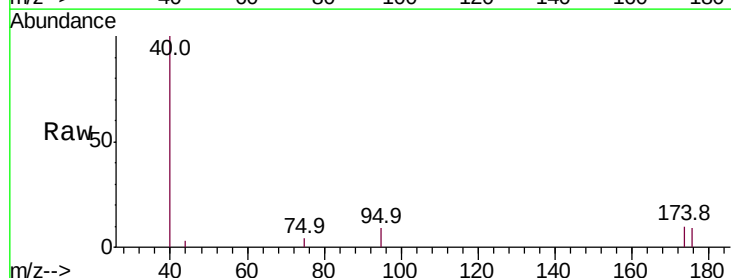
Tgt Ion: 75 Resp: 364

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

