

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061736.D
 Acq On : 11 Apr 2019 12:51
 Operator : VA/AP
 Sample : VD0411SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 00:57:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

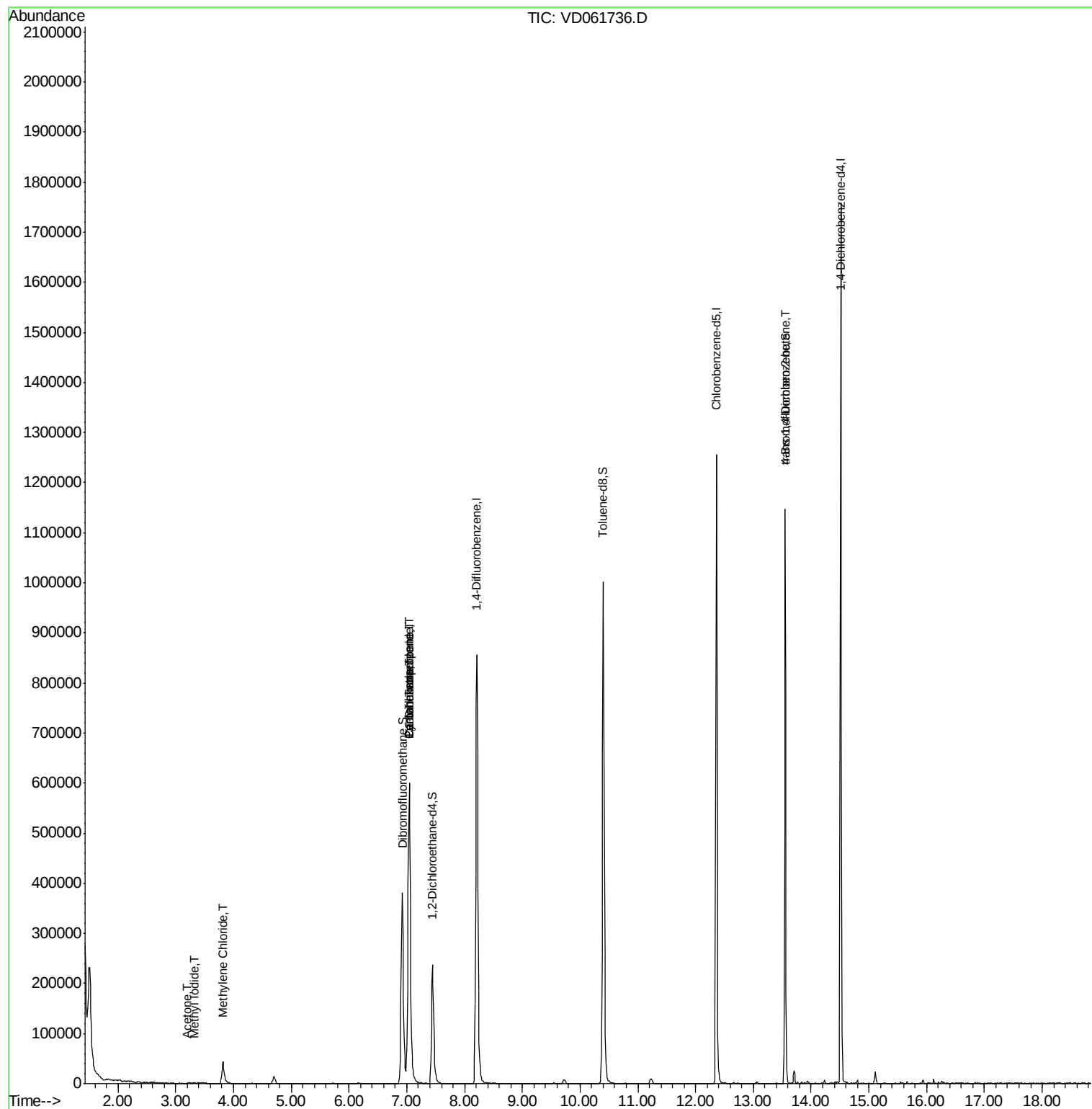
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	656924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1041837	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	838012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	387451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	240988	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	6.92	113	378435	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.40	98	895580	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	13.55	95	351510	56.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.32	142	1802	3.795	ug/l #	38
16) Acetone	3.20	43	3528	2.370	ug/l #	51
20) Methylene Chloride	3.82	84	34329	4.064	ug/l	99
31) Cyclohexane	7.04	56	11531	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	48394	5.308	ug/l #	46
38) Carbon Tetrachloride	7.04	117	61855	5.788	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	132697	82.957	ug/l #	20

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

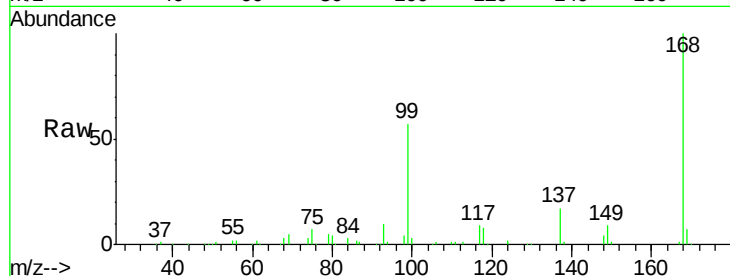
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 656924

Ion Ratio Lower Upper

168 100

99 57.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

250000

200000

150000

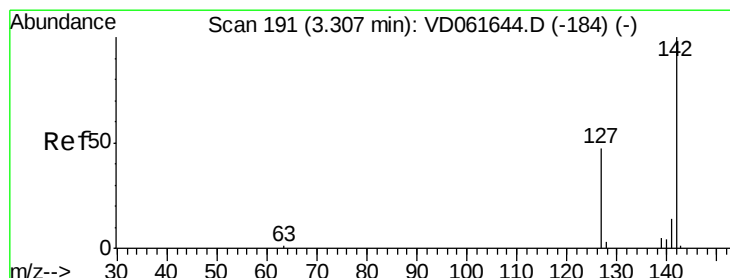
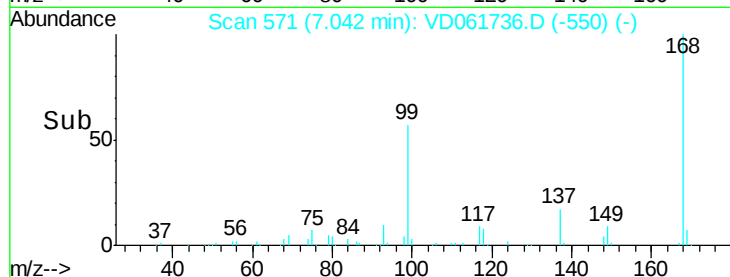
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.795 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

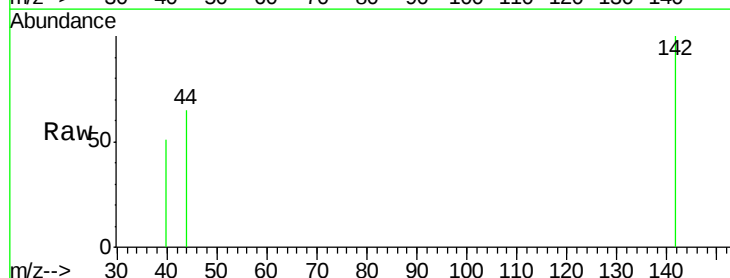
Tgt Ion:142 Resp: 1802

Ion Ratio Lower Upper

142 100

127 0.0 37.2 55.8#

141 0.0 10.8 16.2#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

1000

800

600

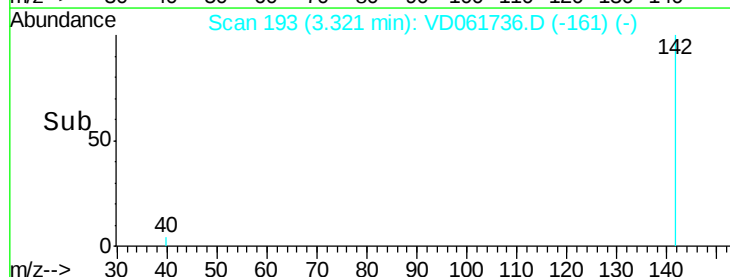
400

200

0

Time-->

3.25 3.30 3.35 3.40

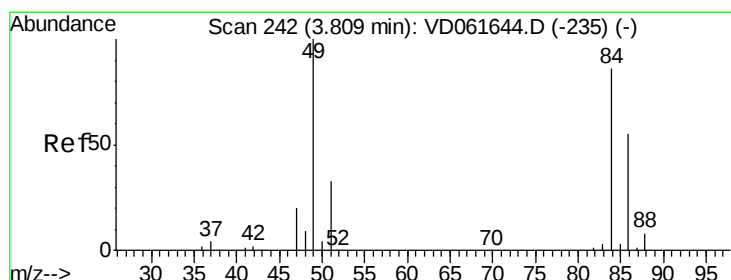
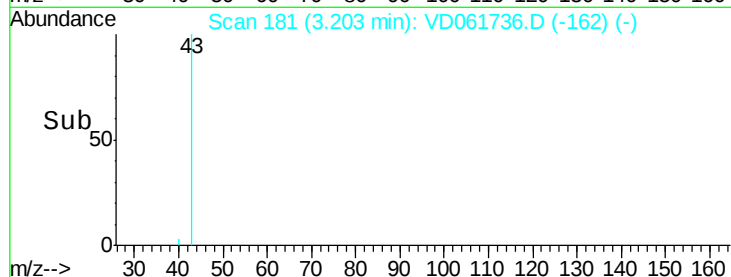
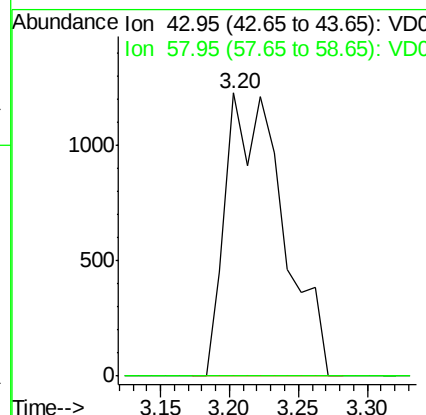
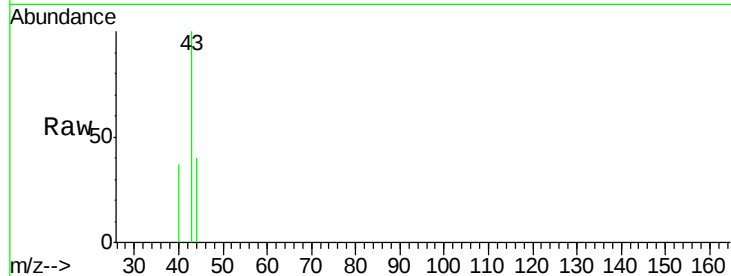




#16
Acetone
Concen: 2.370 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD061736.D
Acq: 11 Apr 2019 12:51

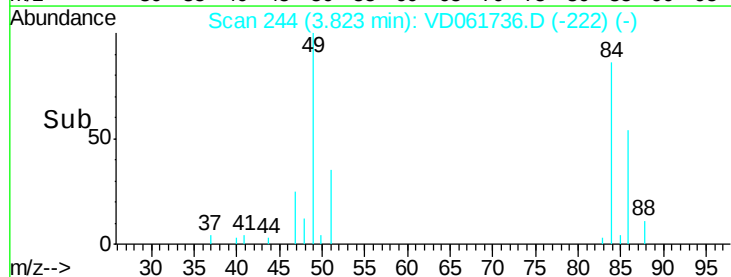
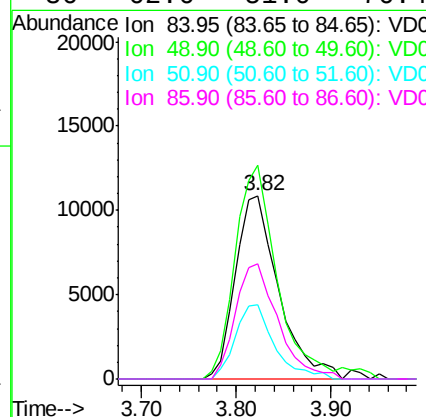
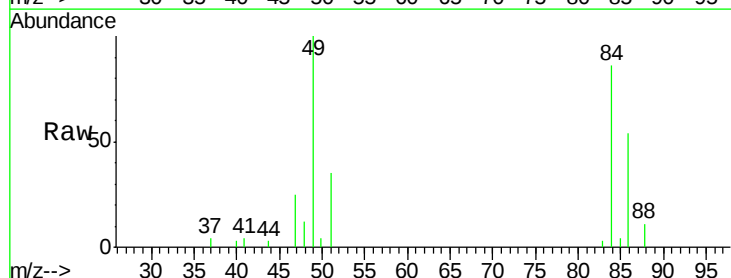
Instrument :
MSVOA_D
ClientSampleId :

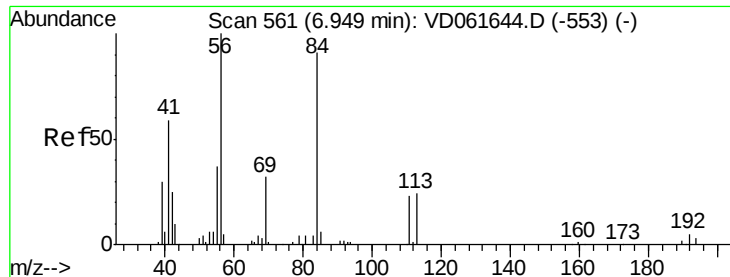
Tot Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
58 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 4.064 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061736.D
Acq: 11 Apr 2019 12:51

Tgt Ion: 84 Resp: 34329
Ion Ratio Lower Upper
84 100
49 116.4 93.0 139.4
51 40.7 30.4 45.6
86 62.6 51.0 76.4

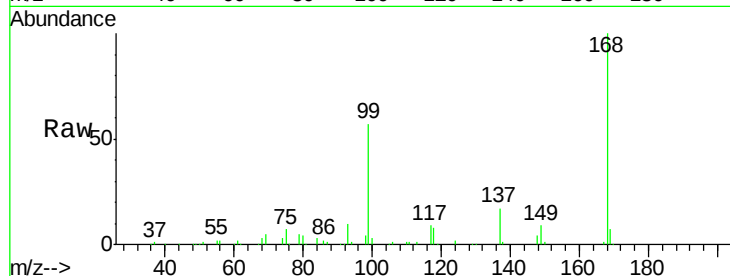




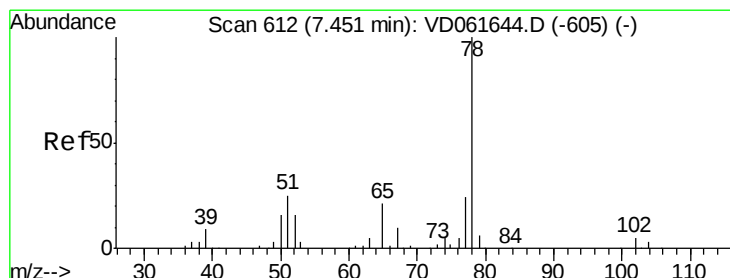
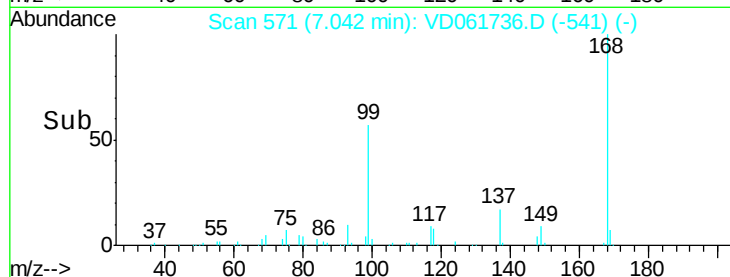
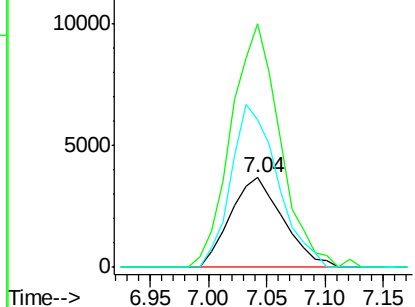
#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061736.D
Acq: 11 Apr 2019 12:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 11531
Ion Ratio Lower Upper
56 100
69 271.2 25.8 38.6#
84 164.5 74.2 111.2#

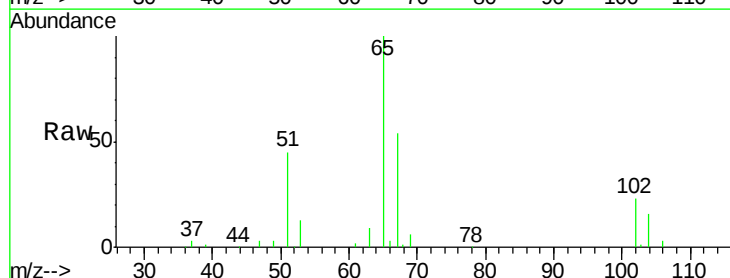


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

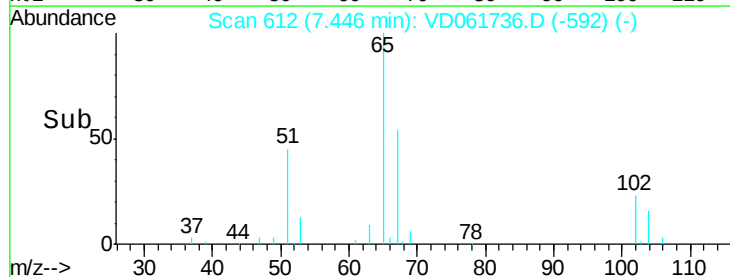
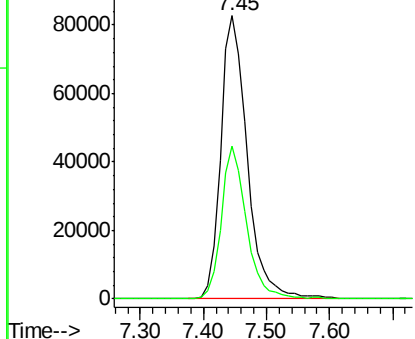


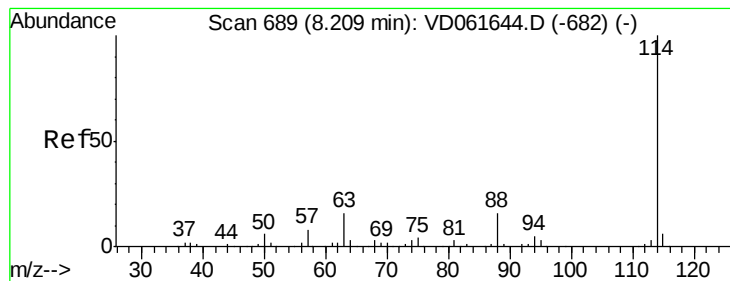
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061736.D
Acq: 11 Apr 2019 12:51

Tgt Ion: 65 Resp: 240988
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4



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. 0.00 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

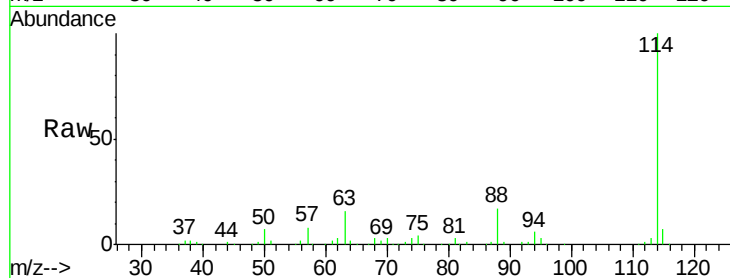
Tot Ion:114 Resp: 1041837

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.2

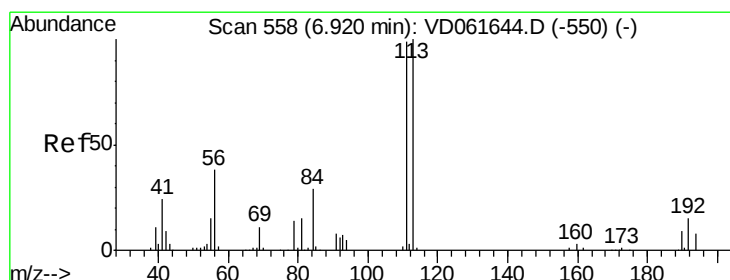
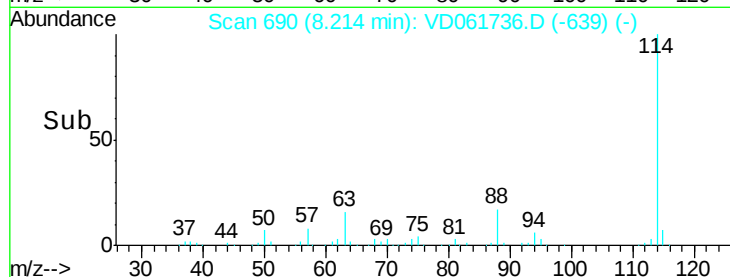
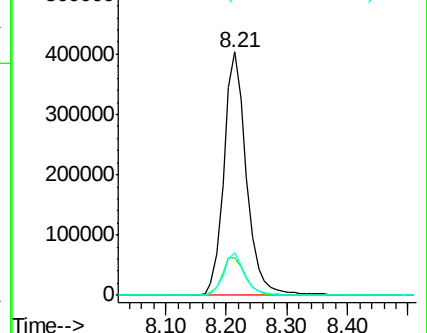
88 17.5 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

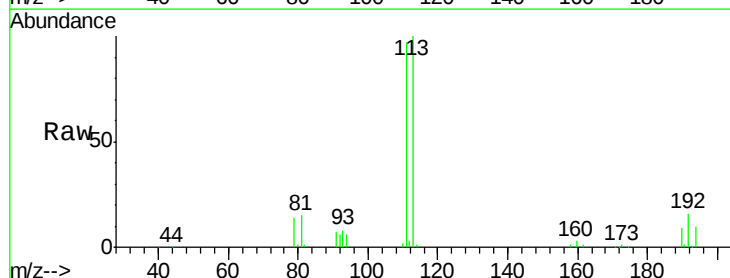
Tgt Ion:113 Resp: 378435

Ion Ratio Lower Upper

113 100

111 97.1 79.3 118.9

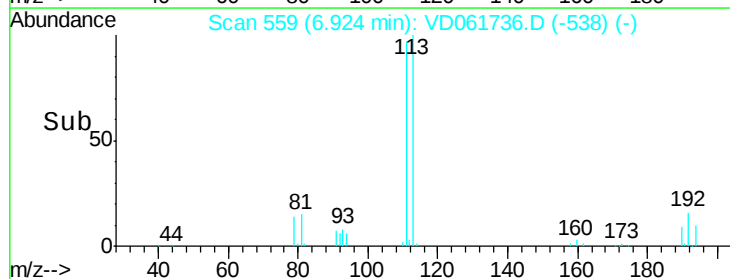
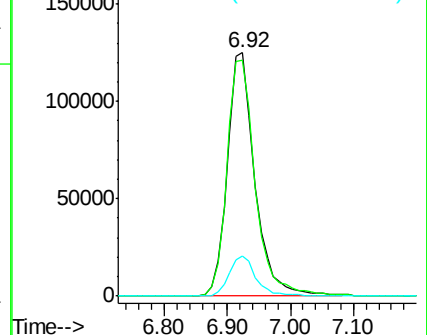
192 16.3 12.3 18.5

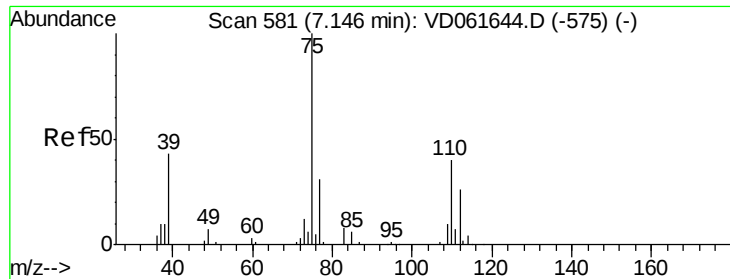


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.308 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

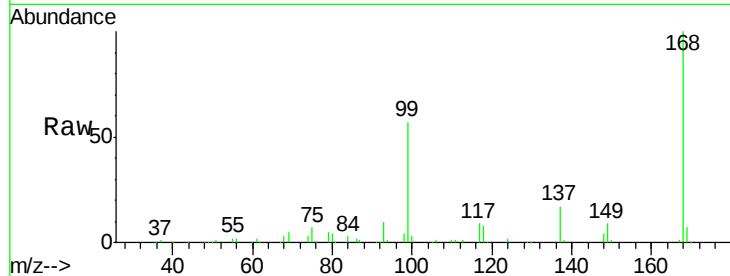
Tot Ion: 75 Resp: 48394

Ion Ratio Lower Upper

75 100

110 6.9 19.7 59.0#

77 0.0 24.8 37.2#

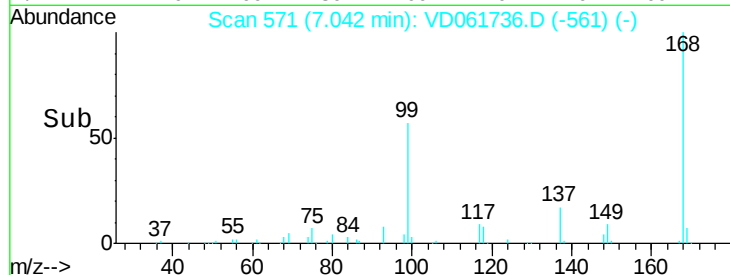


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

Time-->

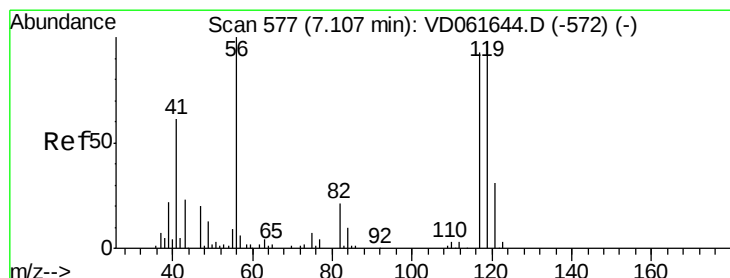


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

Time-->



#38

Carbon Tetrachloride

Concen: 5.788 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.06 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

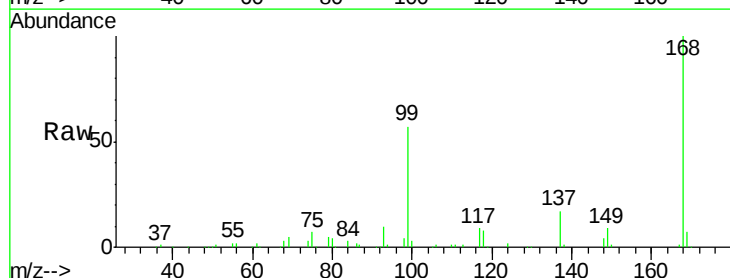
Tgt Ion: 117 Resp: 61855

Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.7 37.1#

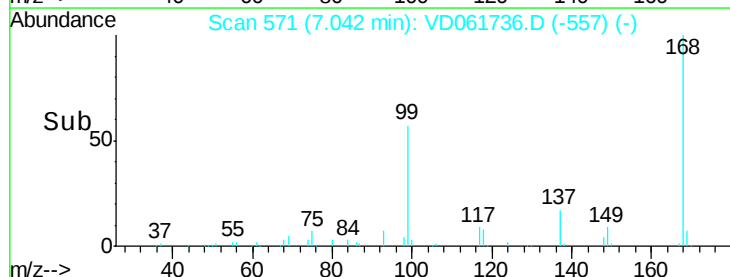


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

Time-->

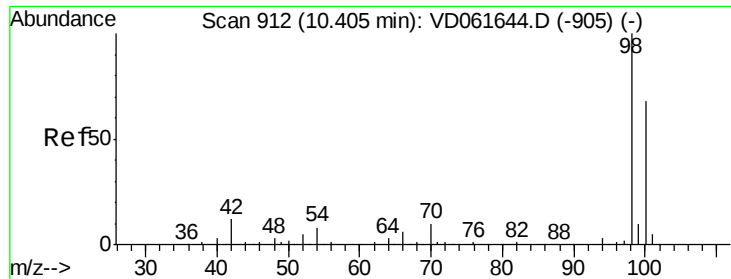


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

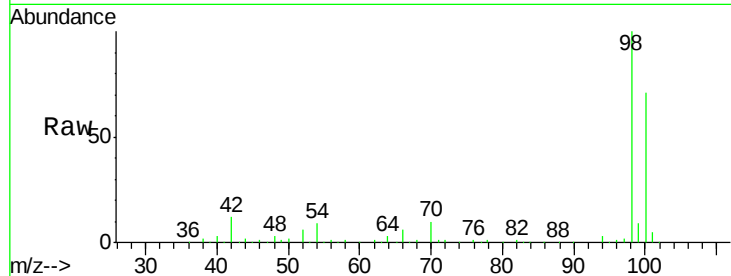
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 895580

Ion Ratio Lower Upper

98 100

100 71.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.40

400000

300000

200000

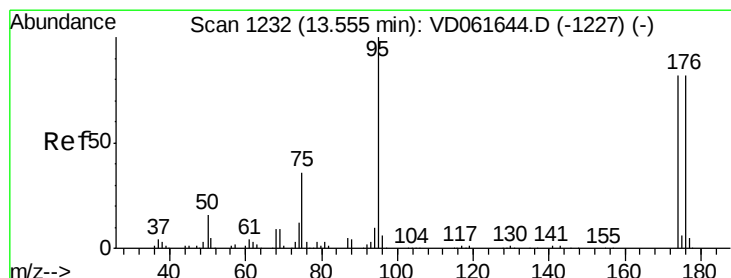
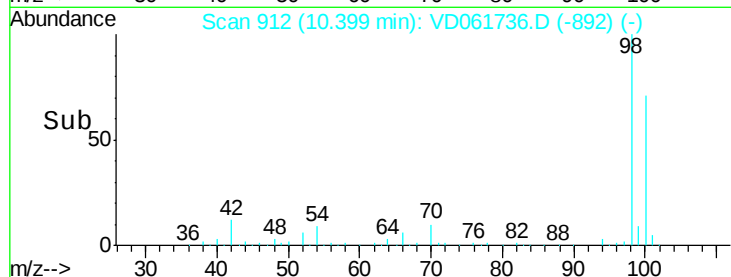
100000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

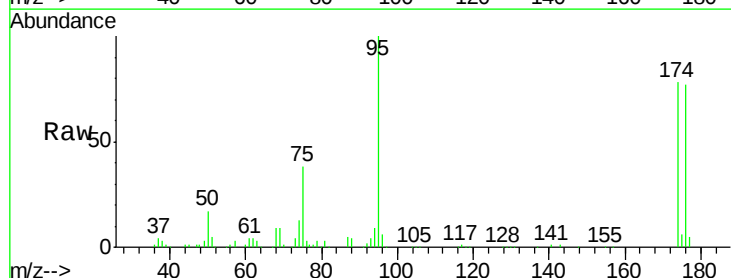
Tgt Ion: 95 Resp: 351510

Ion Ratio Lower Upper

95 100

174 78.3 0.0 164.6

176 76.9 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

300000

200000

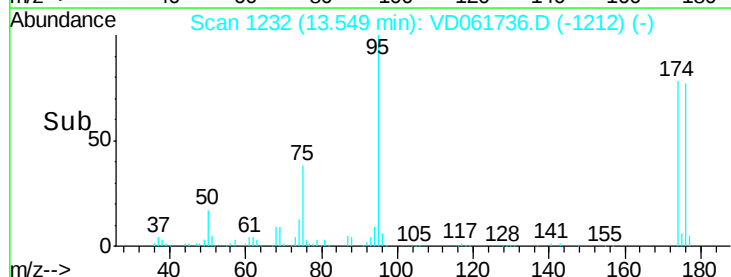
100000

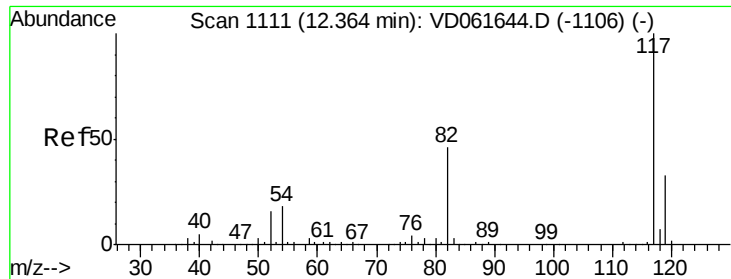
0

13.55

13.60

Time-->

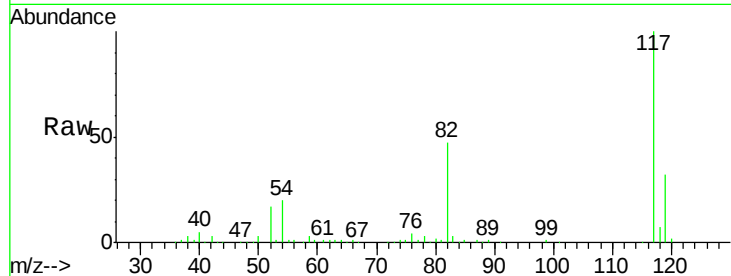




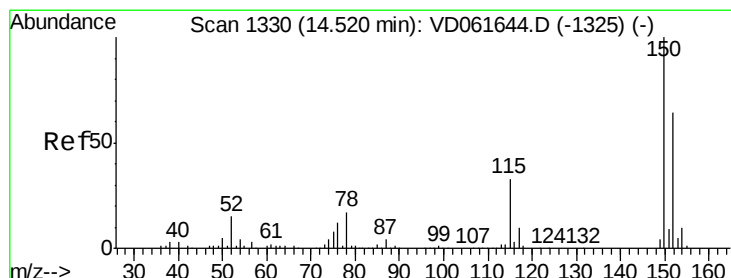
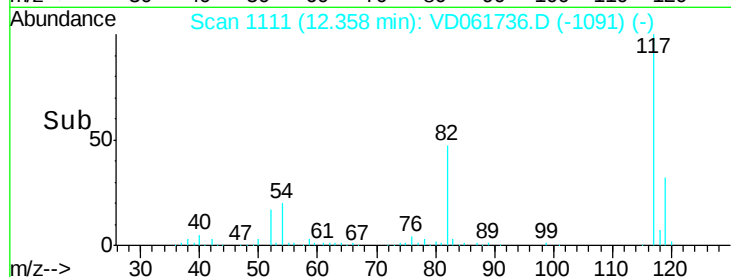
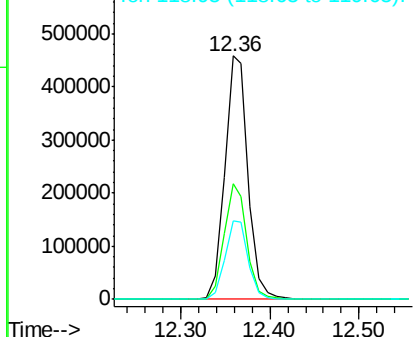
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061736.D
Acq: 11 Apr 2019 12:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 838012
Ion Ratio Lower Upper
117 100
82 47.5 36.8 55.2
119 32.4 26.1 39.1

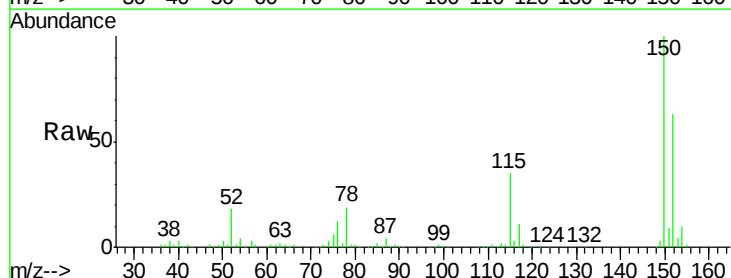


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

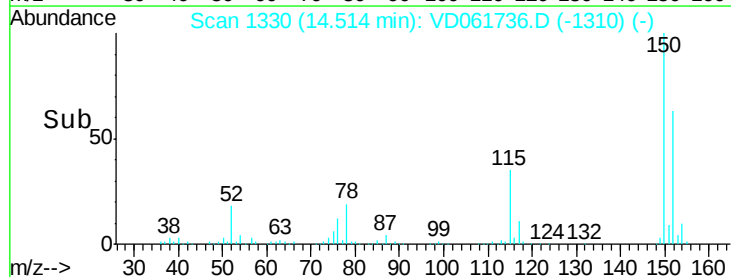
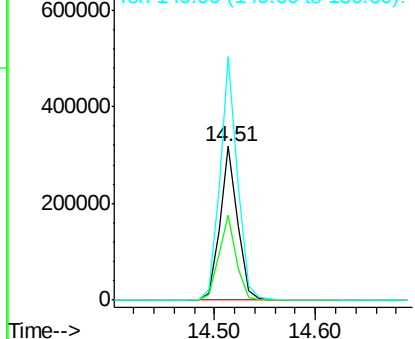


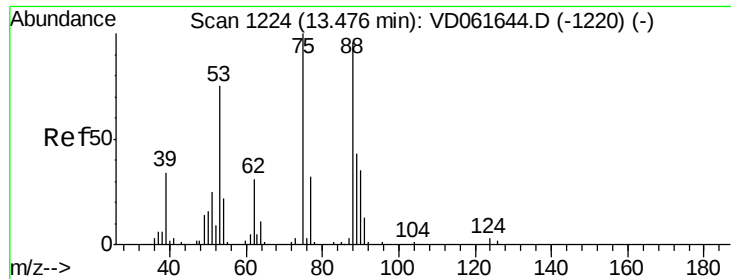
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061736.D
Acq: 11 Apr 2019 12:51

Tgt Ion:152 Resp: 387451
Ion Ratio Lower Upper
152 100
115 55.6 26.4 79.2
150 158.6 0.0 320.6



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: 82.957 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

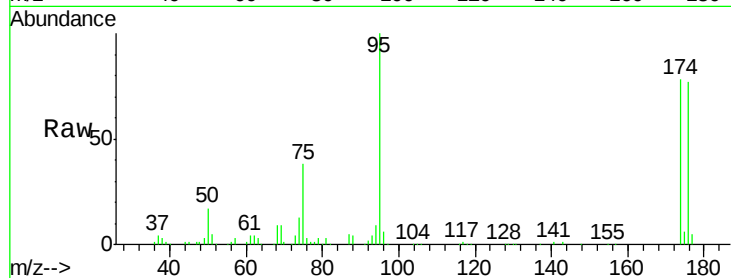
Tot Ion: 75 Resp: 132697

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

