

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063572.D
 Acq On : 14 Aug 2019 14:20
 Operator : JC/SY
 Sample : VD0814SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 11:58:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1157918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1616118	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1197332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	699323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	620518	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	6.93	113	673618	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	10.42	98	1534717	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	13.56	95	654136	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

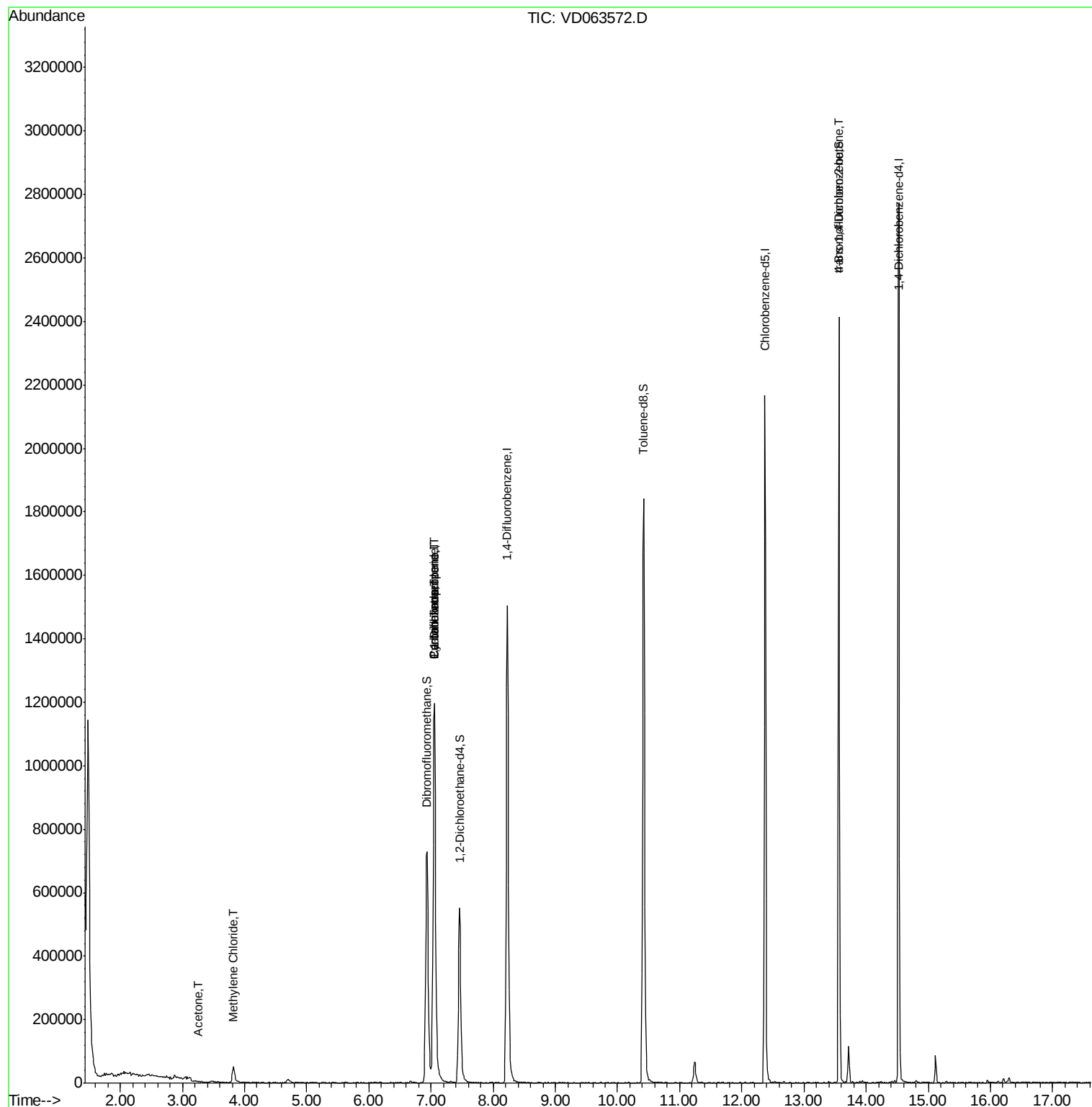
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.24	43	5716	2.272	ug/l #	65
20) Methylene Chloride	3.83	84	31148	2.863	ug/l #	84
31) Cyclohexane	7.05	56	22738	2.035	ug/l #	14
36) 1,1-Dichloropropene	7.05	75	82989	5.809	ug/l #	51
38) Carbon Tetrachloride	7.05	117	111684	5.187	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	290101	134.483	ug/l #	1

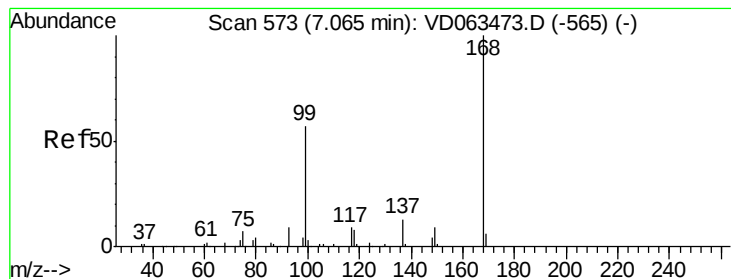
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081419\
Data File : VD063572.D
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MSVOA_D
ClientSampleId :

Quant Time: Aug 15 11:58:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

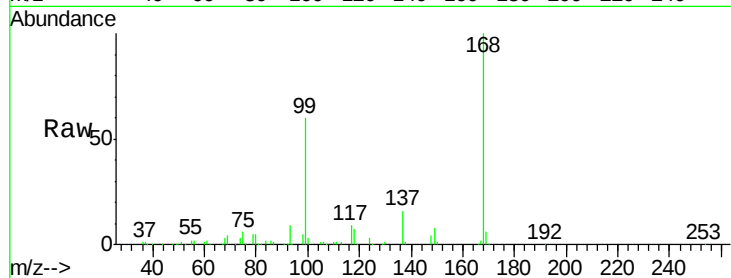
ClientSampleId :

Tot Ion:168 Resp: 1157918

Ion Ratio Lower Upper

168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

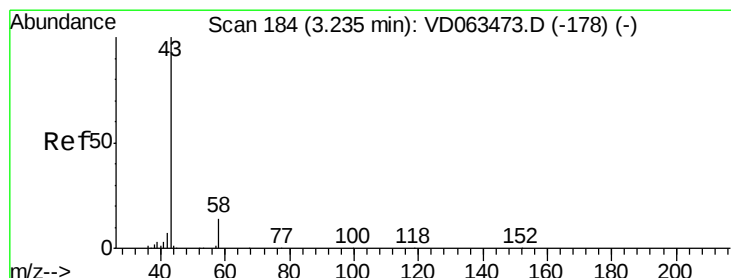
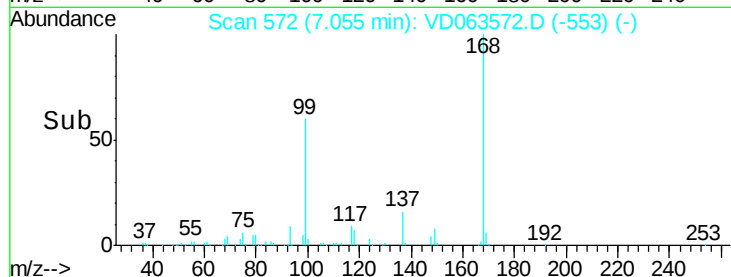
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.272 ug/l

RT: 3.24 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD063572.D

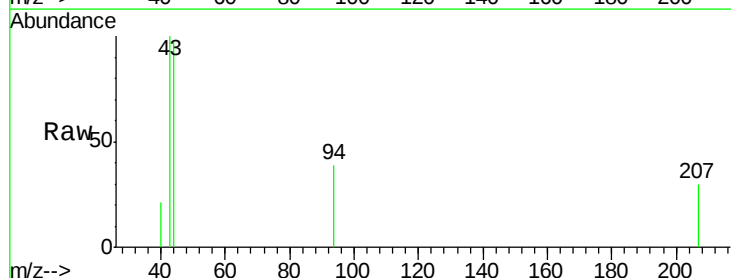
Acq: 14 Aug 2019 14:20

Tgt Ion: 43 Resp: 5716

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

2000

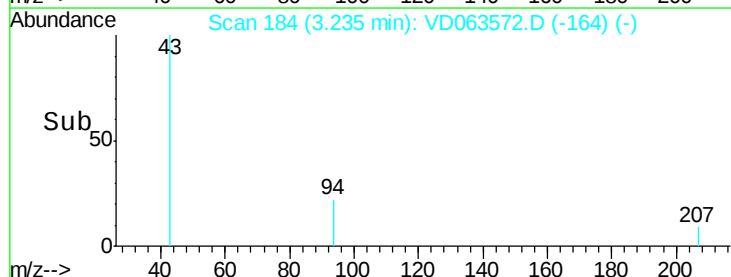
1500

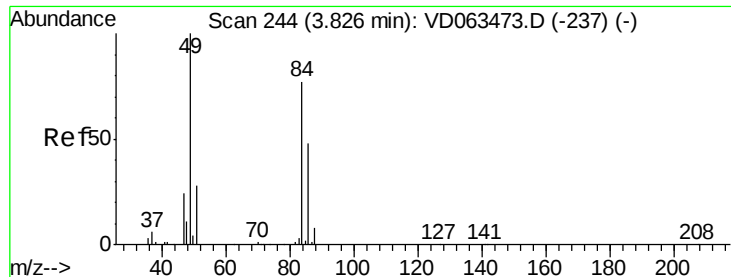
1000

500

0

Time-->

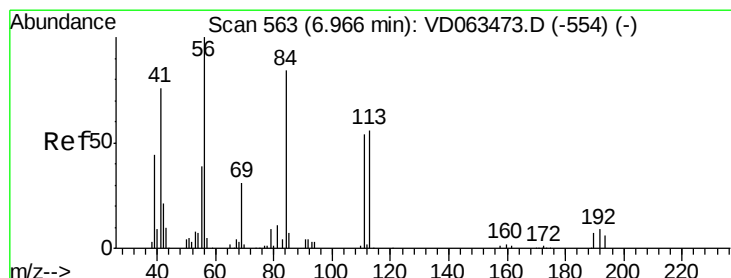
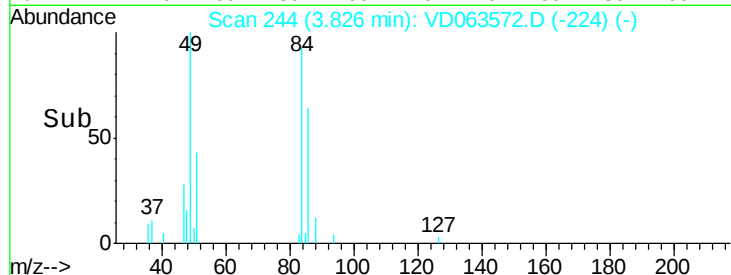
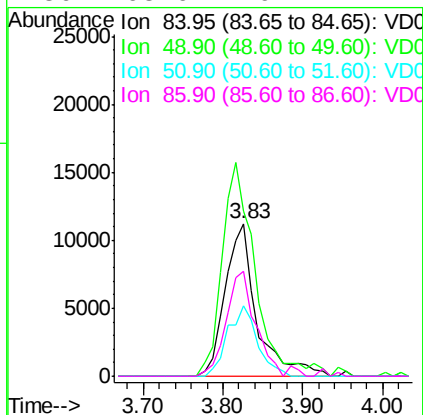
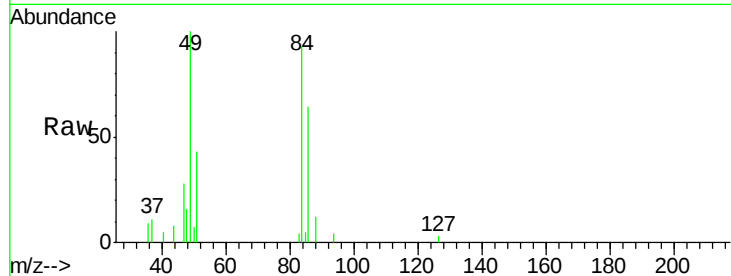




#20
Methvlene Chloride
Concen: 2.863 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD063572.D
Acq: 14 Aug 2019 14:20

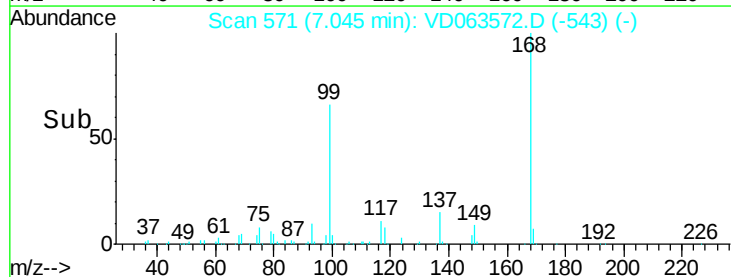
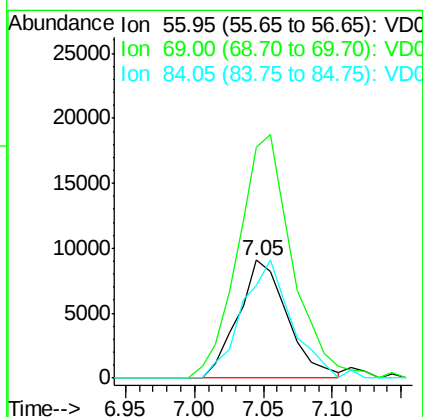
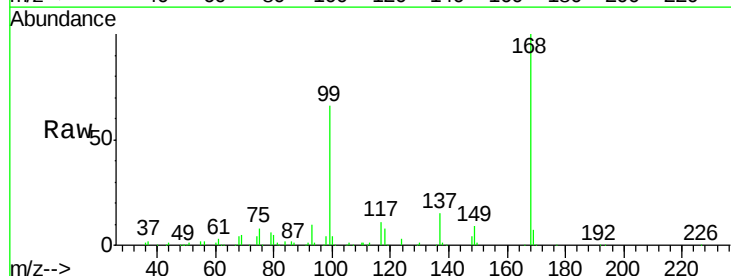
Instrument :
MSVOA_D
ClientSampleId :

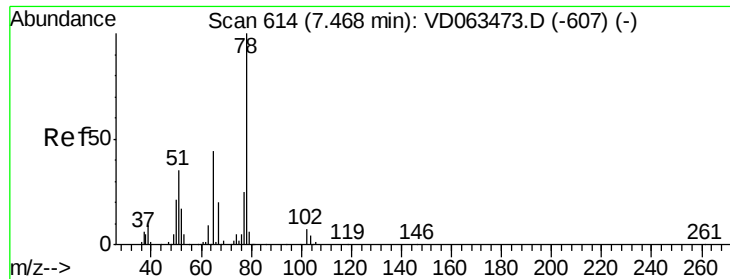
Tot Ion: 84 Resp: 31148
Ion Ratio Lower Upper
84 100
49 108.0 103.4 155.2
51 46.3 28.5 42.7#
86 68.6 49.4 74.2



#31
Cyclohexane
Concen: 2.035 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063572.D
Acq: 14 Aug 2019 14:20

Tgt Ion: 56 Resp: 22738
Ion Ratio Lower Upper
56 100
69 195.0 25.0 37.6#
84 78.1 69.7 104.5





#33

1,2-Dichloroethane-d4

Concen: 50.134 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

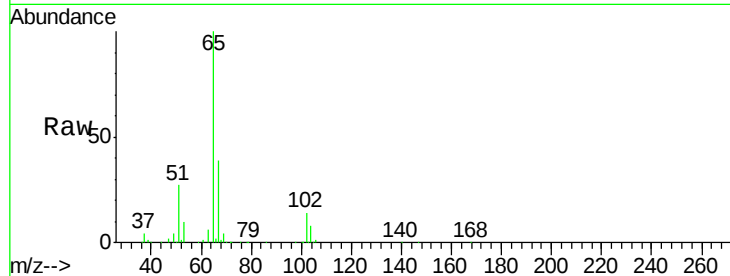
ClientSampleId :

Tot Ion: 65 Resp: 620518

Ion Ratio Lower Upper

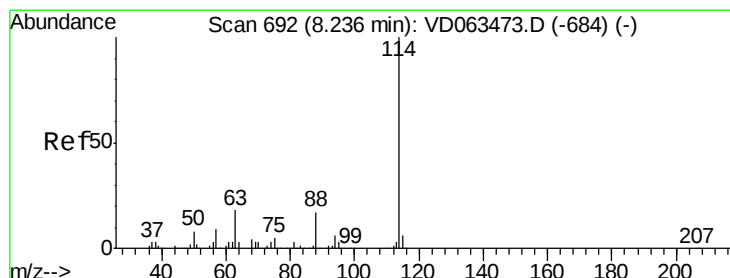
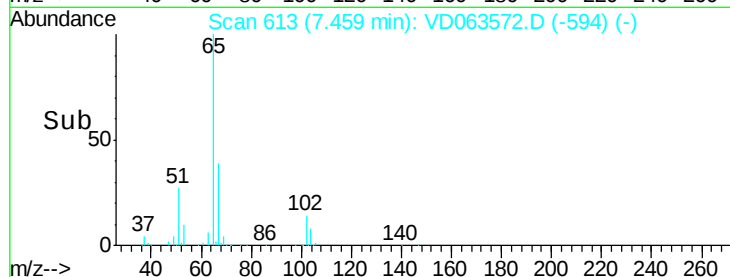
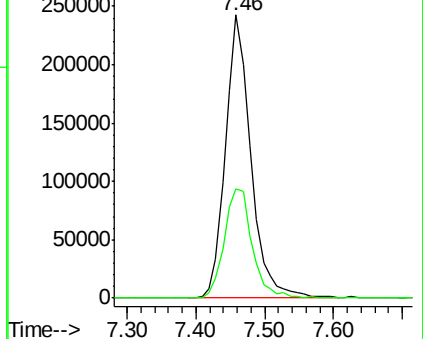
65 100

67 38.8 0.0 89.2



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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

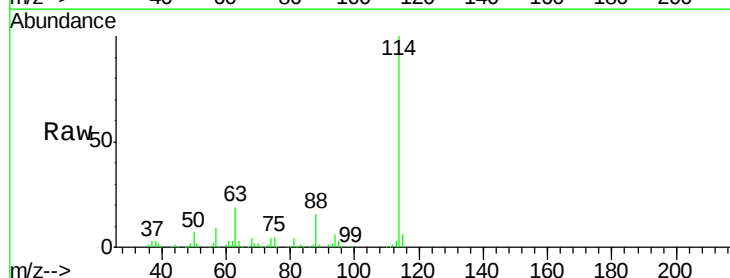
Tgt Ion: 114 Resp: 1616118

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

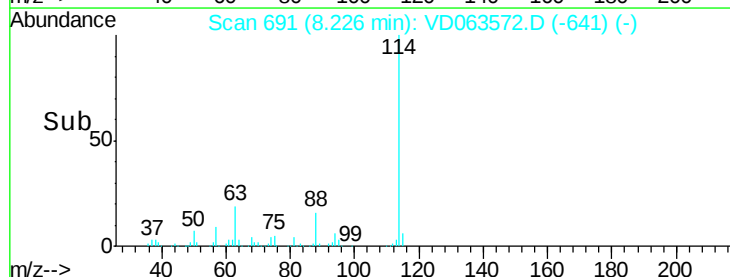
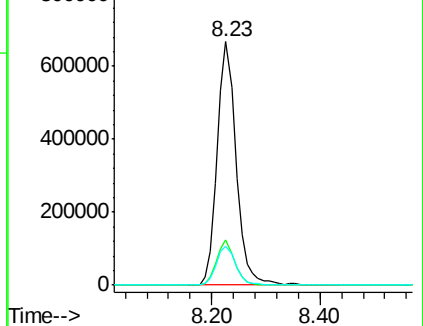
88 16.1 0.0 35.0

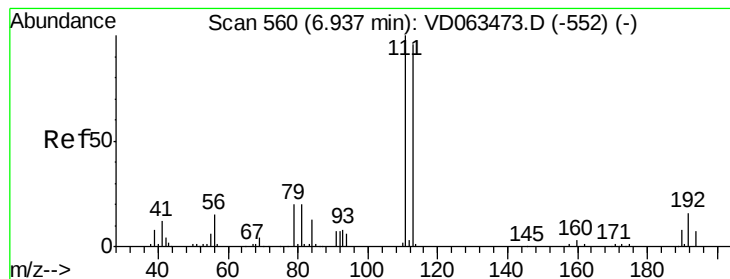


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.491 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :
MSVOA_D
ClientSampled :

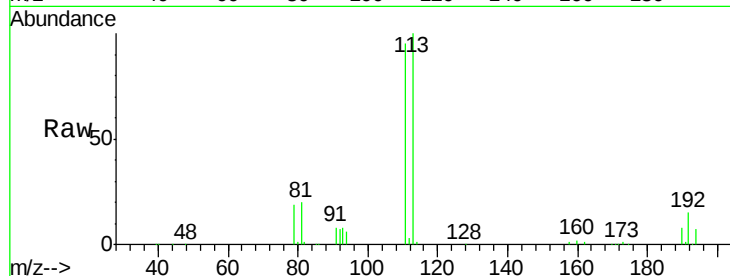
Tot Ion:113 Resp: 673618

Ion Ratio Lower Upper

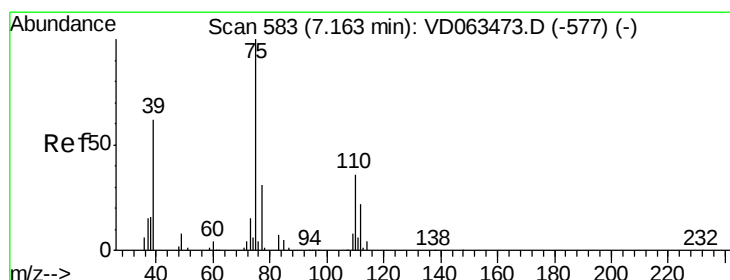
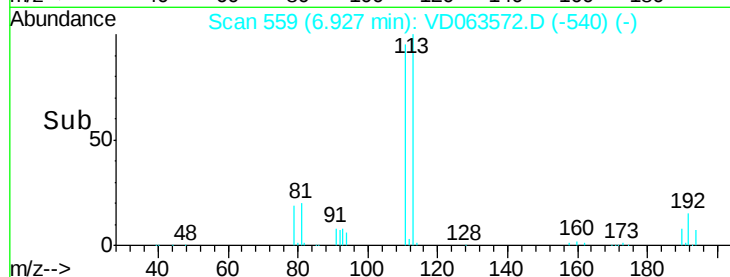
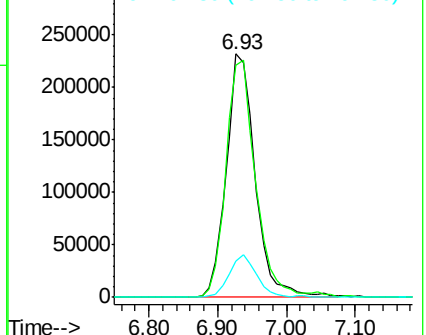
113 100

111 95.4 83.1 124.7

192 14.7 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



#36

1,1-Dichloropropene

Concen: 5.809 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.12 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

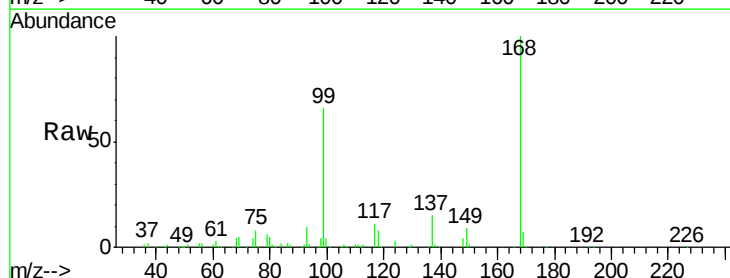
Tgt Ion: 75 Resp: 82989

Ion Ratio Lower Upper

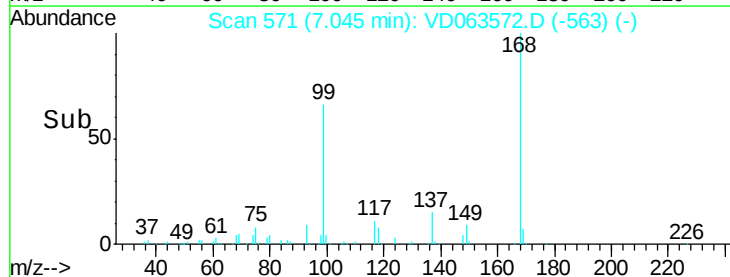
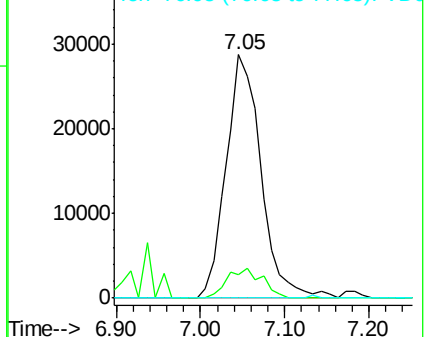
75 100

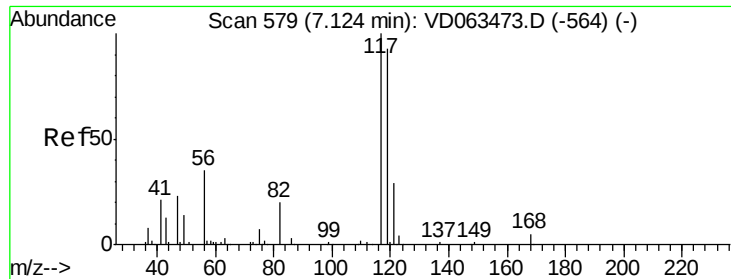
110 9.7 17.6 52.8#

77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.187 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

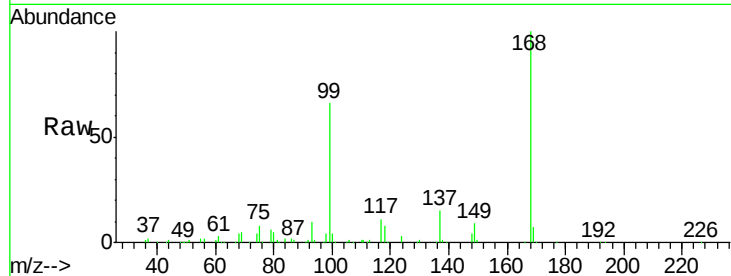
Tot Ion:117 Resp: 111684

Ion Ratio Lower Upper

117 100

119 3.9 74.2 111.2#

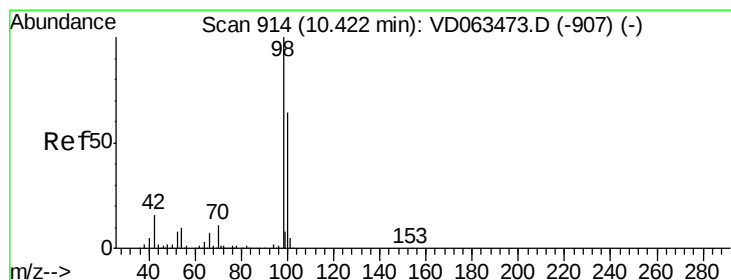
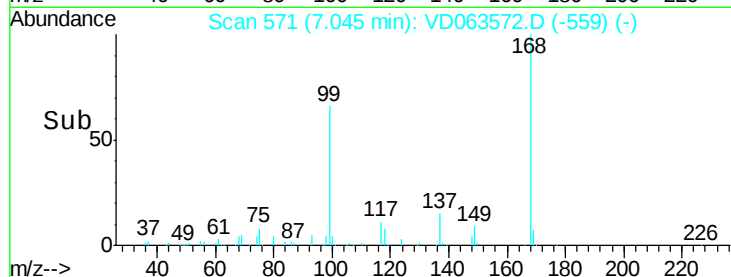
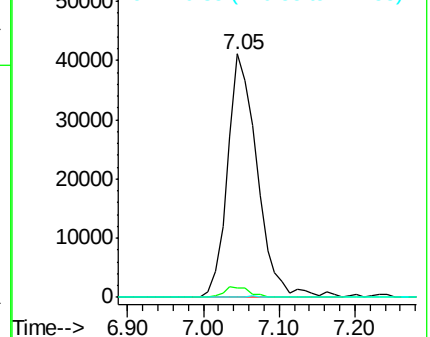
121 0.0 23.1 34.7#



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



#50

Toluene-d8

Concen: 51.286 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD063572.D

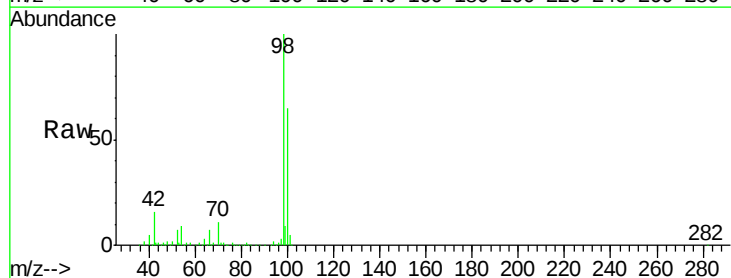
Acq: 14 Aug 2019 14:20

Tgt Ion: 98 Resp: 1534717

Ion Ratio Lower Upper

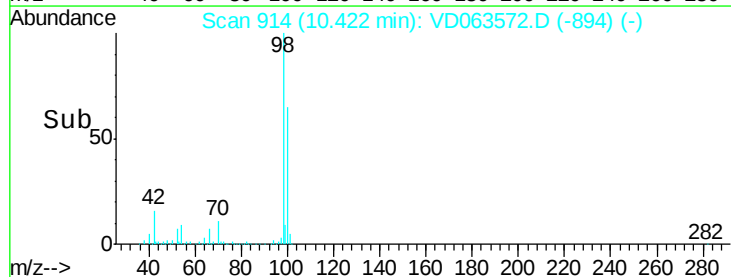
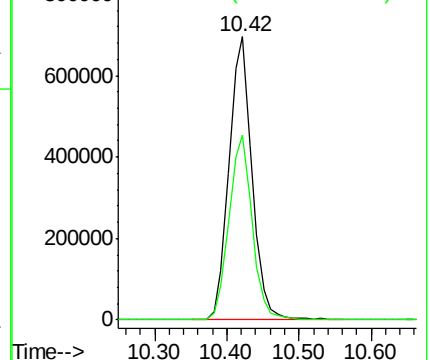
98 100

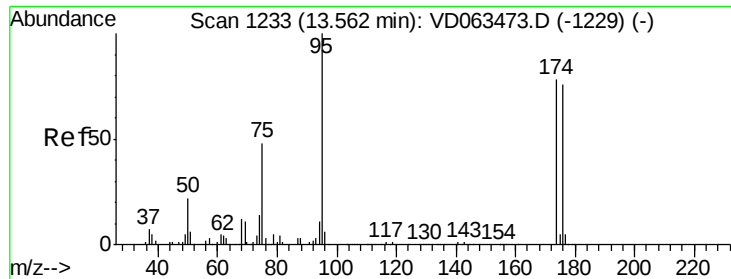
100 65.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

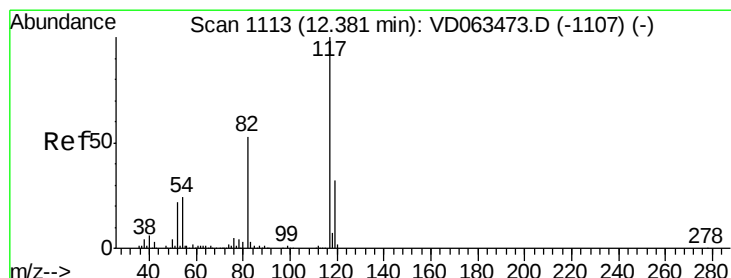
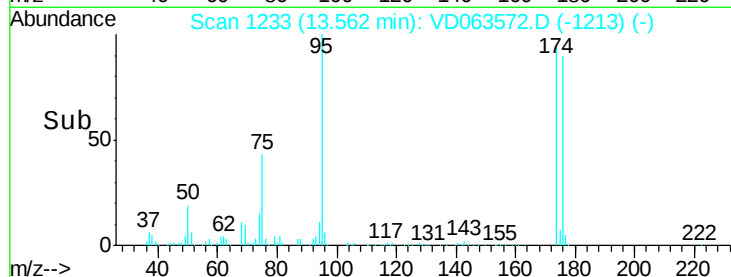
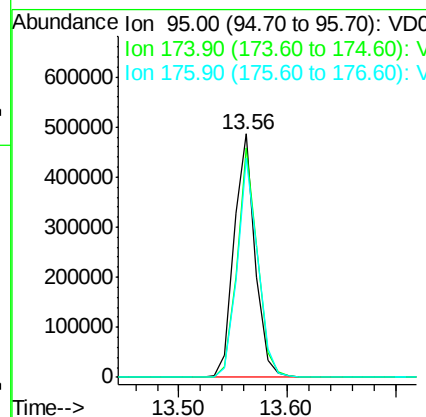
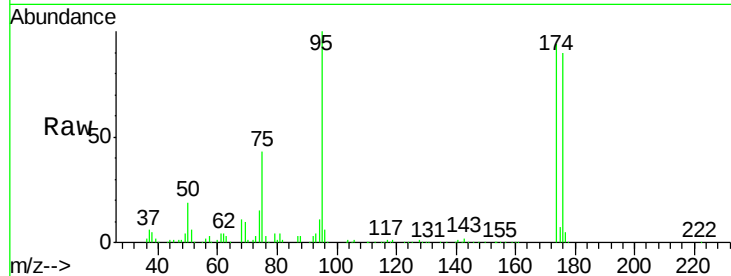




#62
4-Bromofluorobenzene
Concen: 48.229 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063572.D
Acq: 14 Aug 2019 14:20

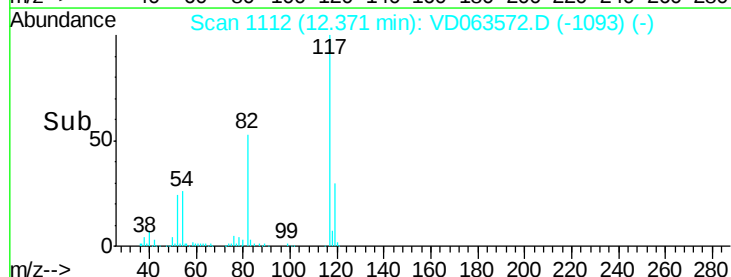
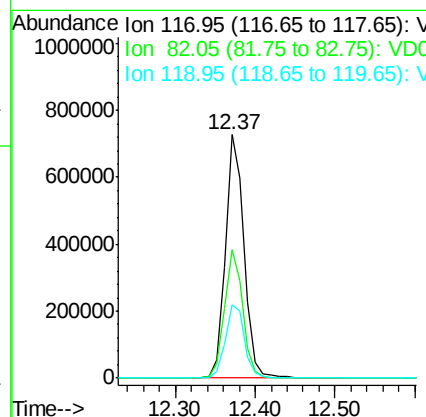
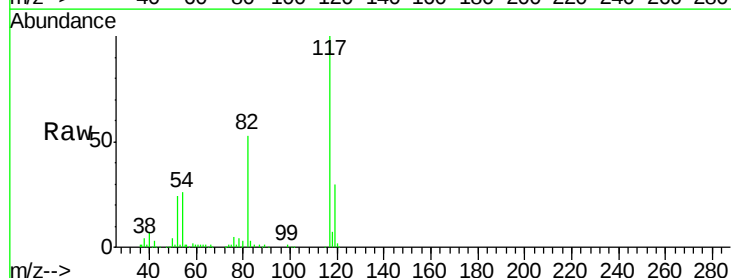
Instrument :
MSVOA_D
ClientSampleId :

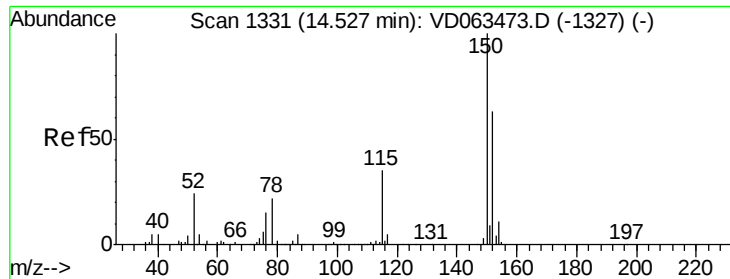
Tot Ion: 95 Resp: 654136
Ion Ratio Lower Upper
95 100
174 94.2 0.0 155.4
176 89.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063572.D
Acq: 14 Aug 2019 14:20

Tgt Ion: 117 Resp: 1197332
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 30.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. -0.00 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

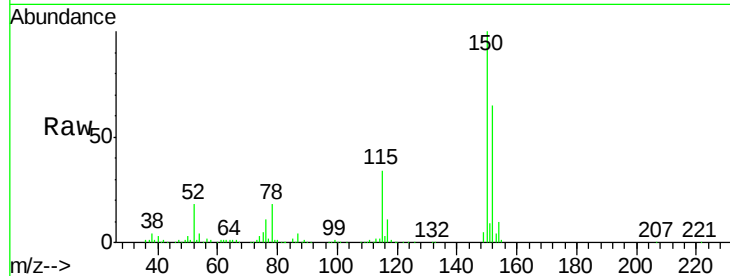
Tot Ion:152 Resp: 699323

Ion Ratio Lower Upper

152 100

115 52.3 30.9 92.7

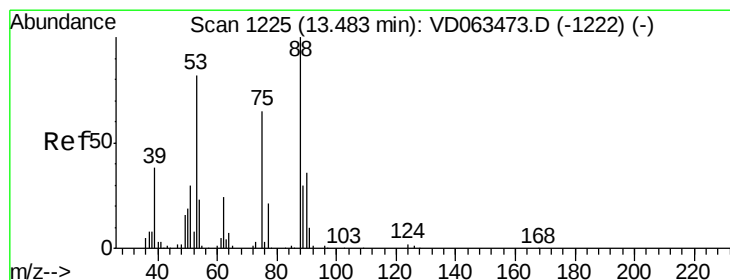
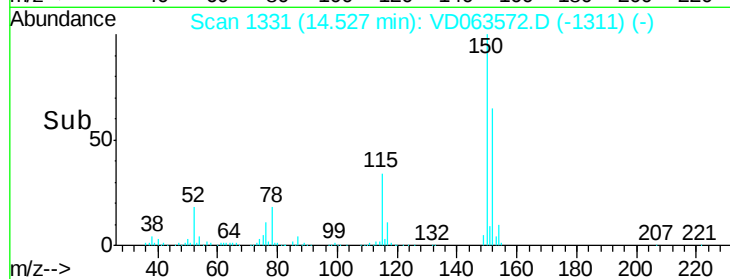
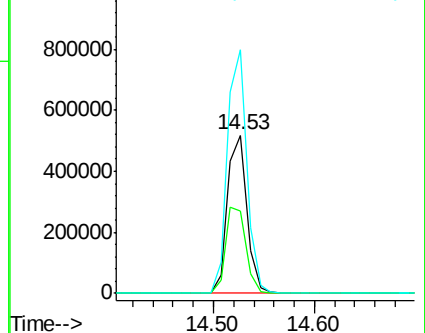
150 153.8 0.0 318.6



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: 134.483 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

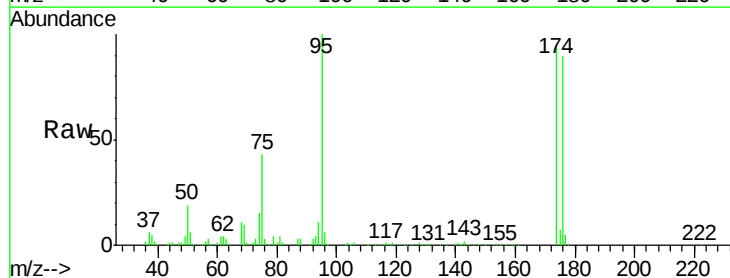
Tgt Ion: 75 Resp: 290101

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



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

