

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062253.D
 Acq On : 12 May 2019 12:25
 Operator : FY/SY
 Sample : VD0512SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL01

Quant Time: May 13 01:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

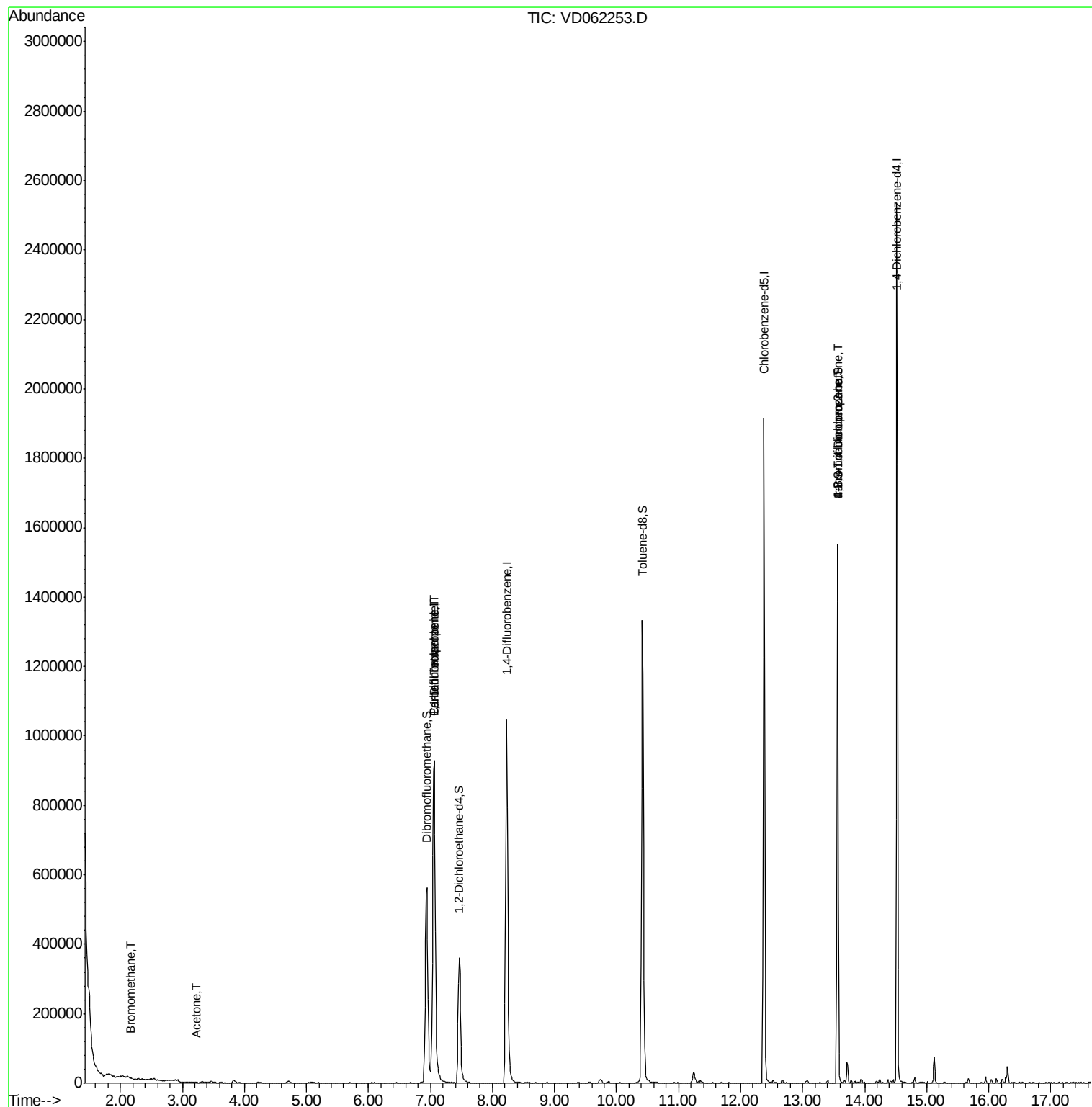
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	935281	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	1179305	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	1018373	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	563347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	400755	46.11	ug/l	0.04
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	6.94	113	518326	52.97	ug/l	0.05
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	10.42	98	1105406	46.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	13.56	95	483389	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.18	94	2320	1.559	ug/l #	12
16) Acetone	3.22	43	3969	2.177	ug/l #	50
36) 1,1-Dichloropropene	7.06	75	70470	7.288	ug/l #	46
38) Carbon Tetrachloride	7.06	117	93431	6.981	ug/l #	17
76) 1,2,3-Trichloropropane	13.56	75	176742	26.399	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	199034	105.308	ug/l #	16

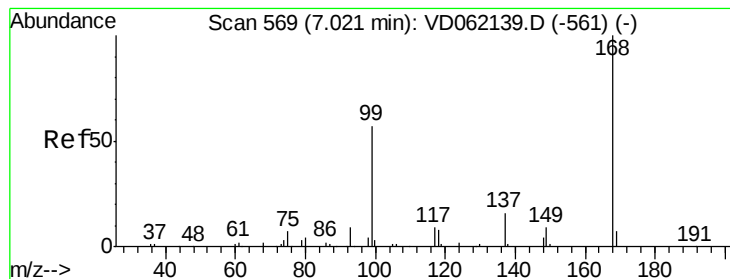
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062253.D
Acq On : 12 May 2019 12:25
Operator : FY/SY
Sample : VD0512SBL01
Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL01

Quant Time: May 13 01:31:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

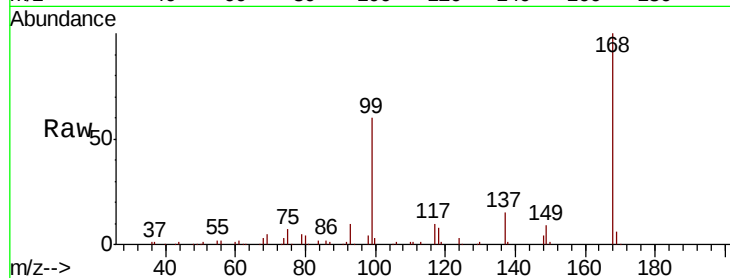
VD0512SBL01

Tot Ion:168 Resp: 935281

Ion Ratio Lower Upper

168 100

99 60.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

300000

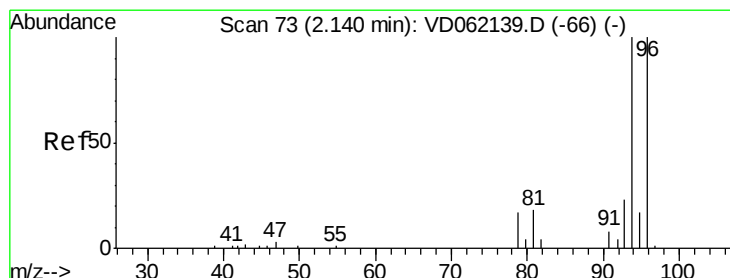
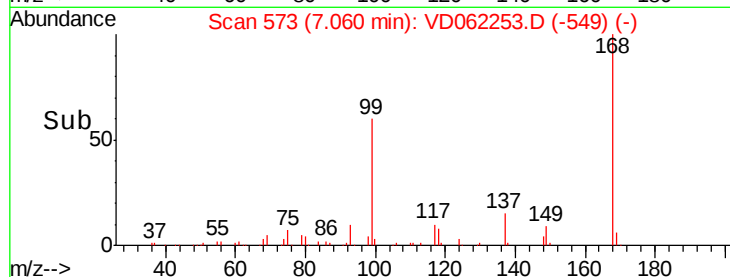
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.559 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

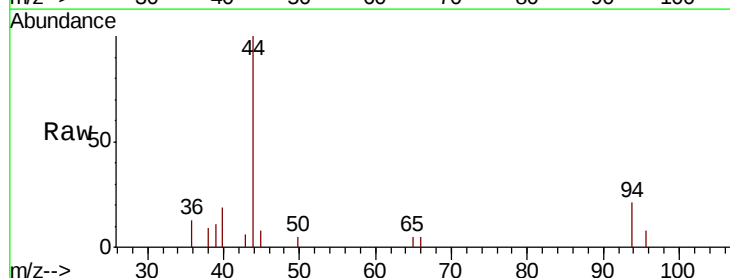
Tgt Ion: 94 Resp: 2320

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

2.18

1500

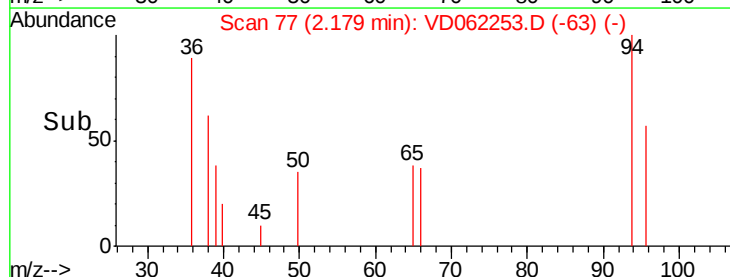
1000

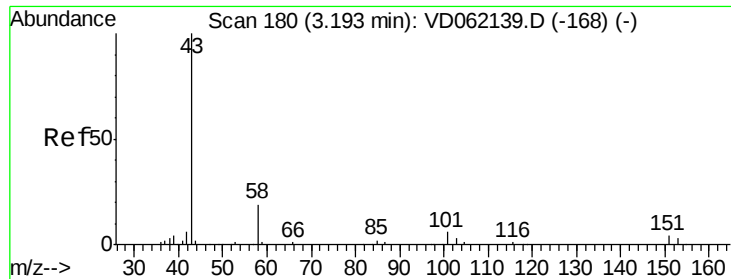
500

0

Time-->

2.15 2.20





#16

Acetone

Concen: 2.177 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

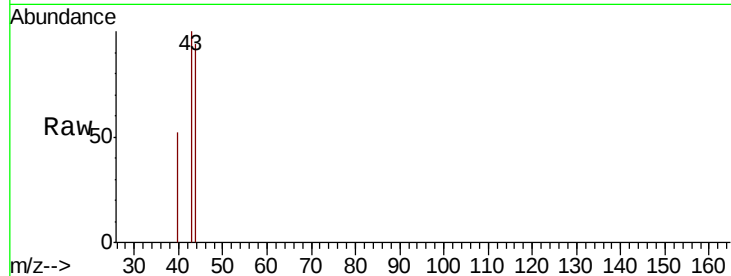
VD0512SBL01

Tot Ion: 43 Resp: 3969

Ion Ratio Lower Upper

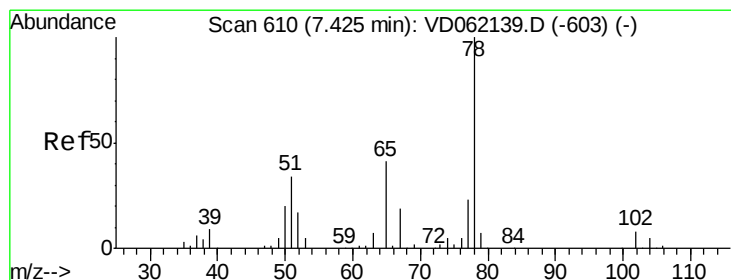
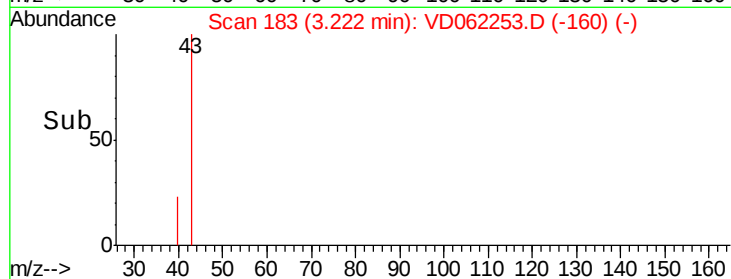
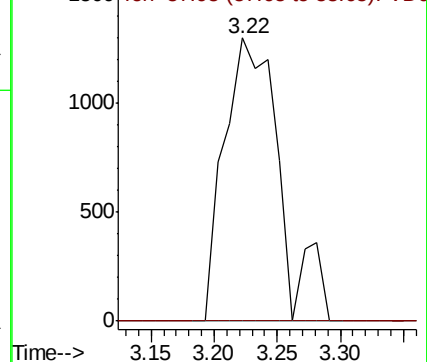
43 100

58 0.0 19.9 29.9#



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: 46.108 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062253.D

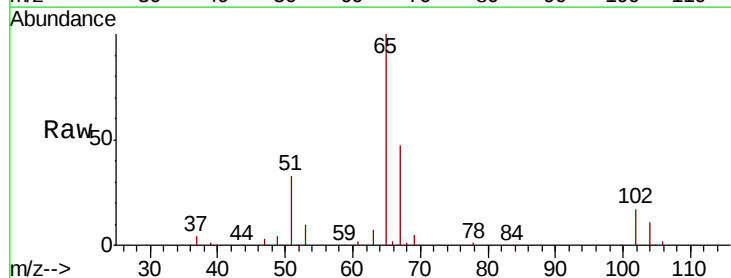
Acq: 12 May 2019 12:25

Tgt Ion: 65 Resp: 400755

Ion Ratio Lower Upper

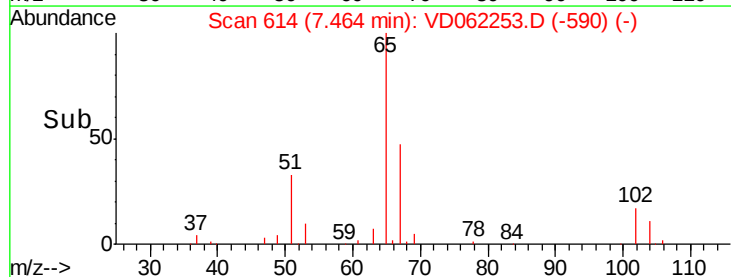
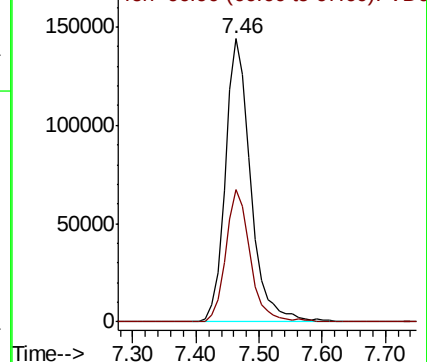
65 100

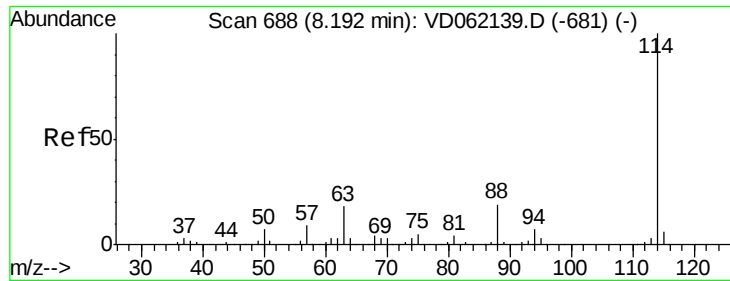
67 46.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

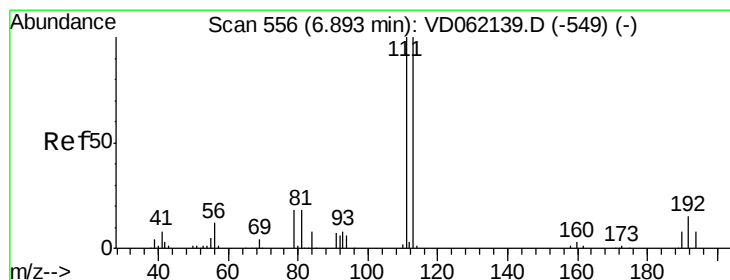
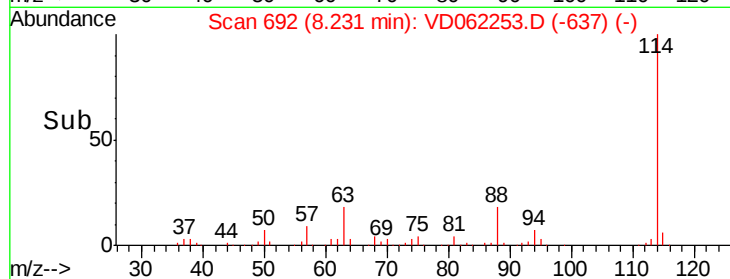
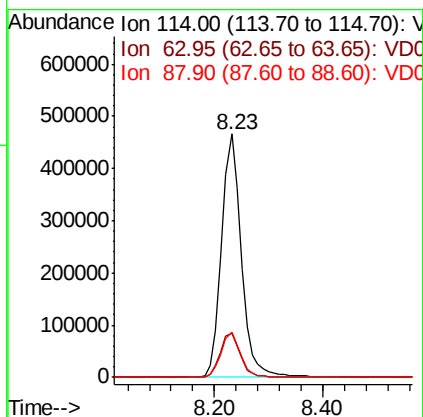
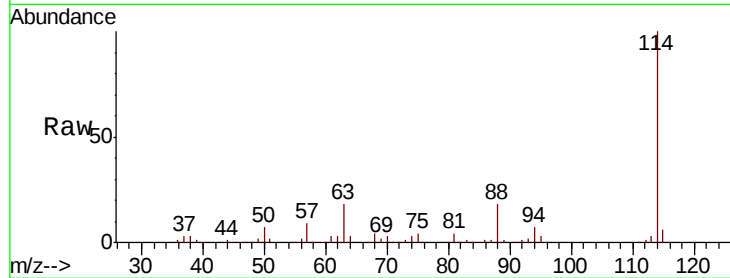




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062253.D
 Acq: 12 May 2019 12:25

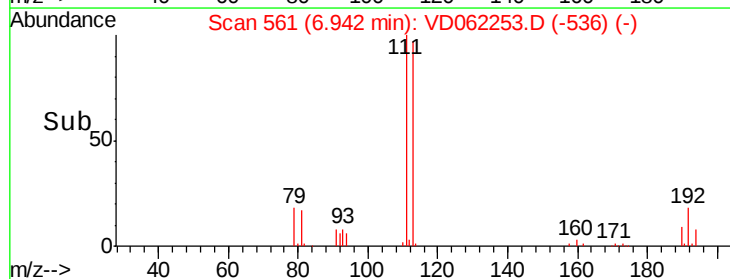
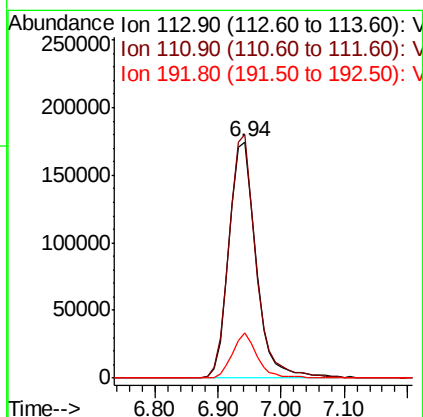
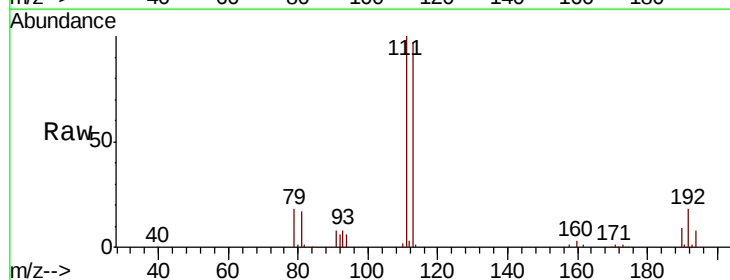
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL01

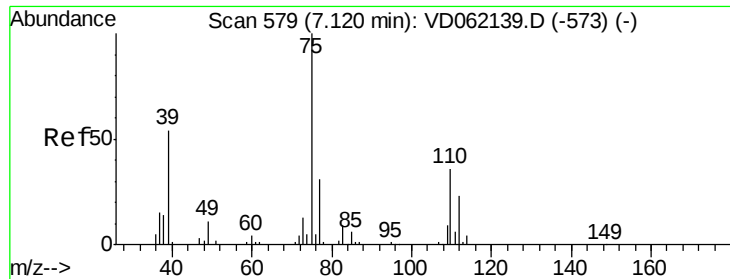
Tot Ion:114 Resp: 1179305
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 32.4
 88 18.4 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 52.972 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062253.D
 Acq: 12 May 2019 12:25

Tgt Ion:113 Resp: 518326
 Ion Ratio Lower Upper
 113 100
 111 102.9 78.5 117.7
 192 19.0 13.0 19.4





#36

1,1-Dichloropropene

Concen: 7.288 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.06 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBL01

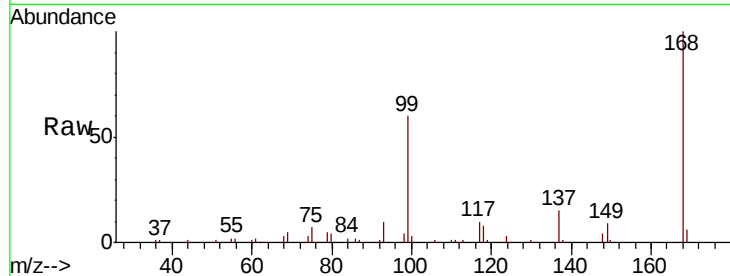
Tot Ion: 75 Resp: 70470

Ion Ratio Lower Upper

75 100

110 7.2 19.1 57.1#

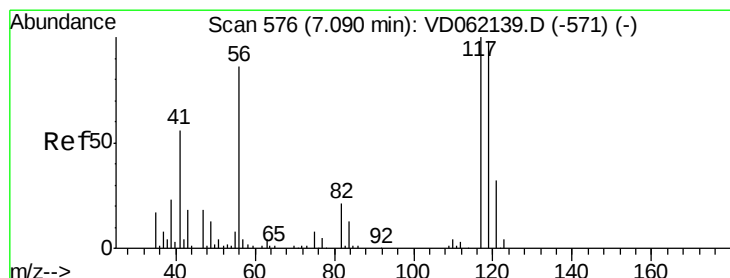
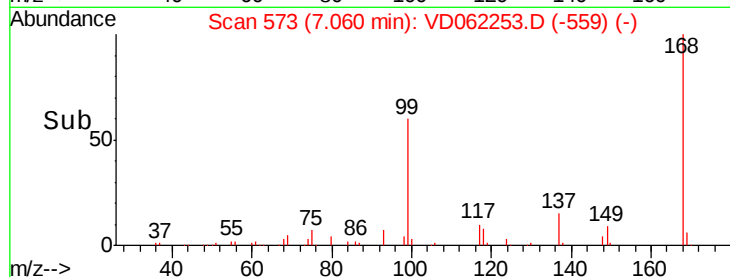
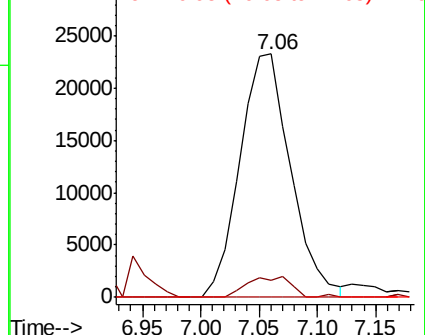
77 0.0 25.6 38.4#



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



#38

Carbon Tetrachloride

Concen: 6.981 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

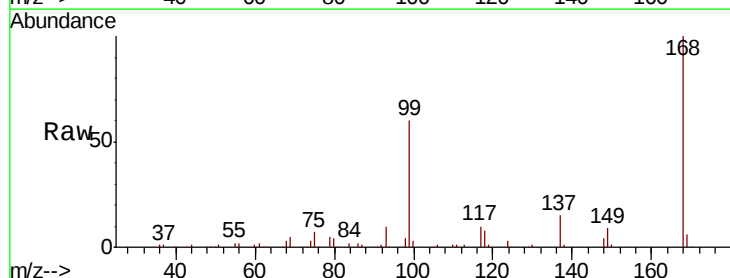
Tgt Ion: 117 Resp: 93431

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

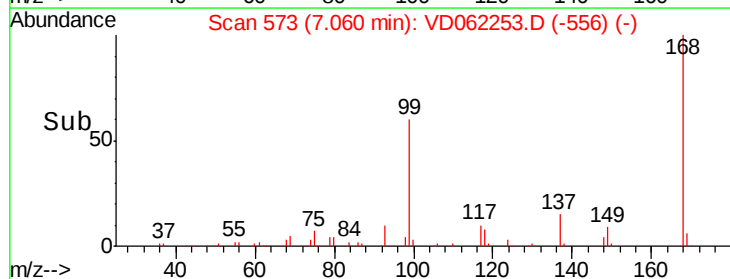
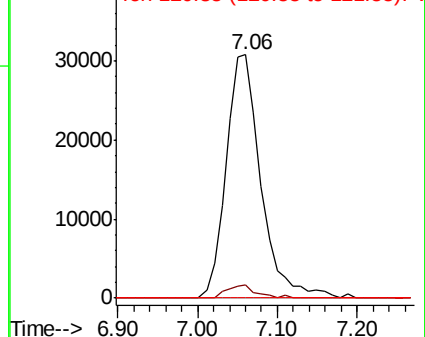
121 0.0 25.9 38.9#

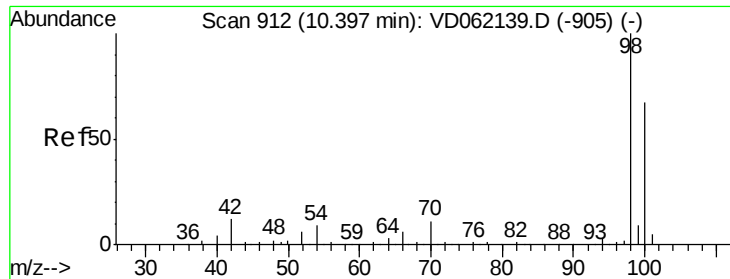


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

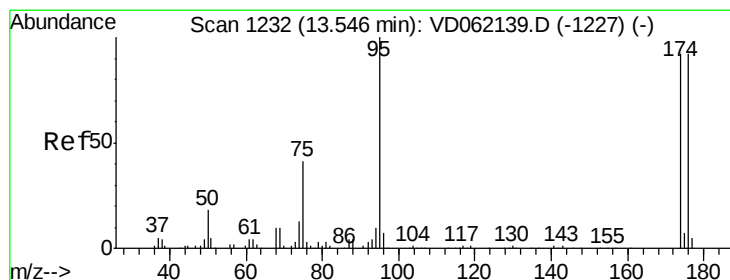
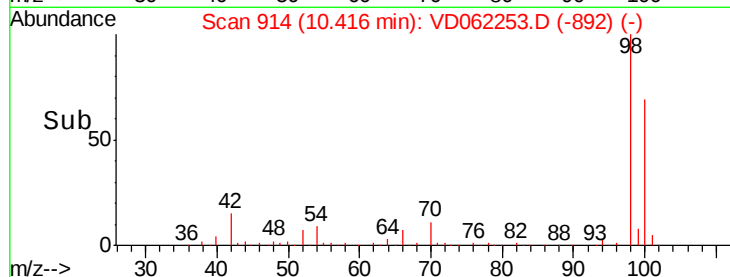
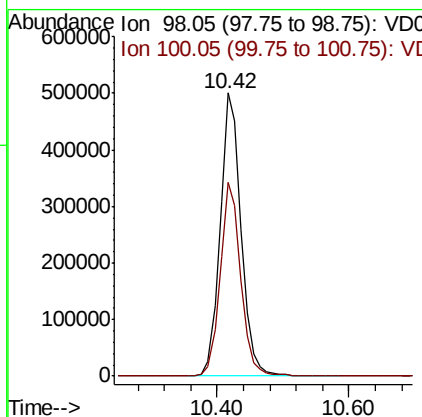
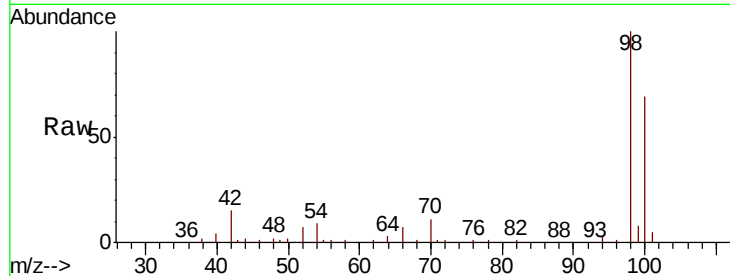




#50
Toluene-d8
Concen: 46.855 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062253.D
Acq: 12 May 2019 12:25

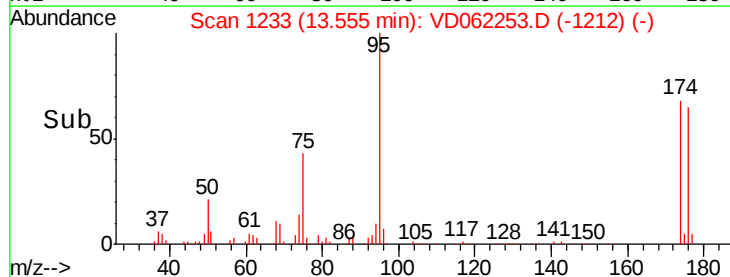
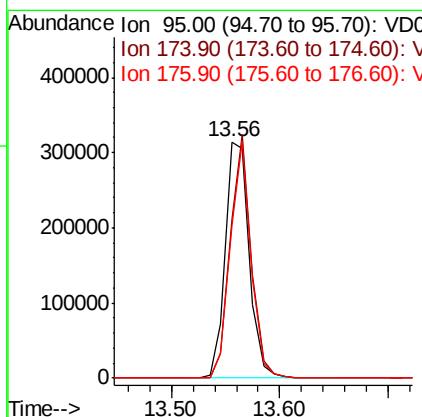
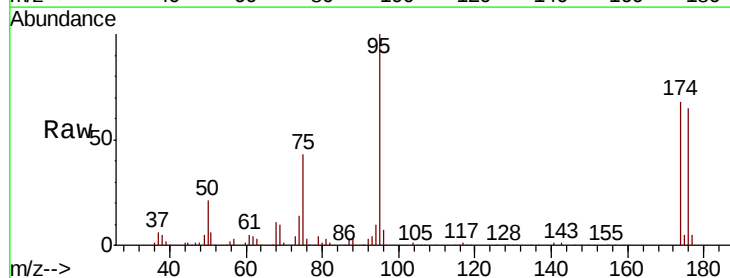
Instrument :
MSVOA_D
ClientSampleID :
VD0512SBL01

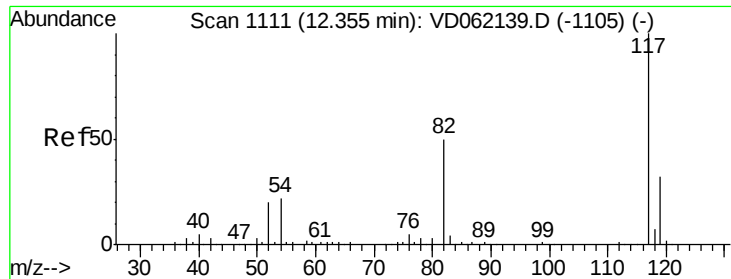
Tot Ion: 98 Resp: 1105406
Ion Ratio Lower Upper
98 100
100 68.6 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 51.024 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062253.D
Acq: 12 May 2019 12:25

Tgt Ion: 95 Resp: 483389
Ion Ratio Lower Upper
95 100
174 67.6 0.0 181.8
176 64.8 0.0 174.4

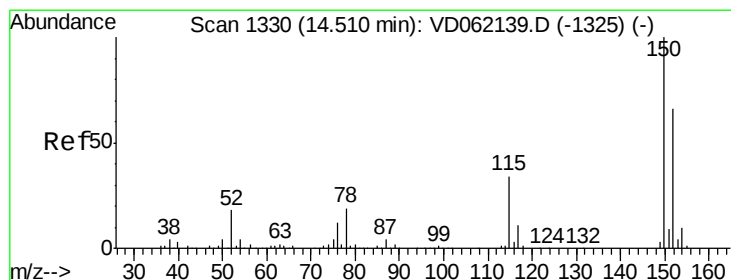
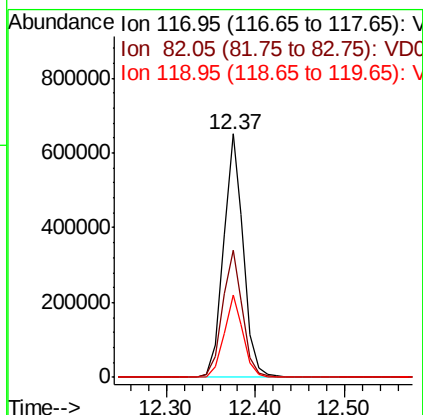
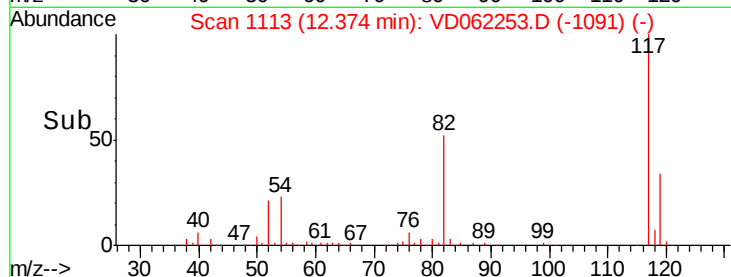
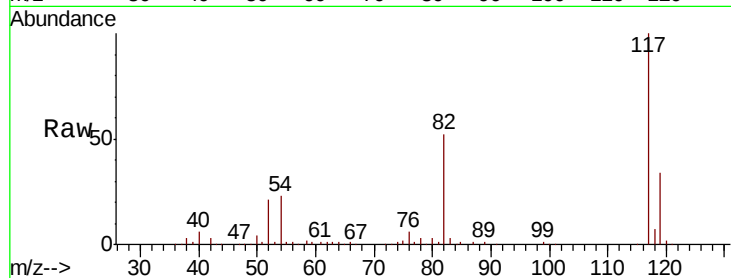




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062253.D
Acq: 12 May 2019 12:25

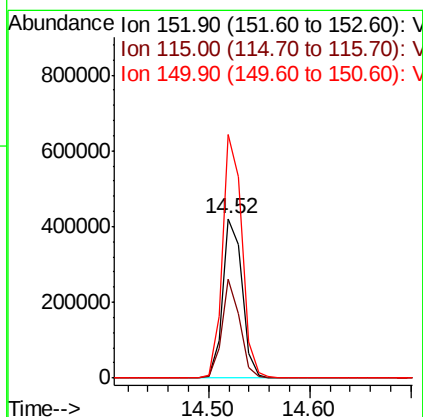
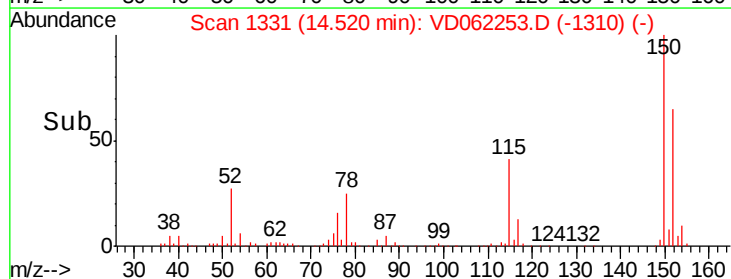
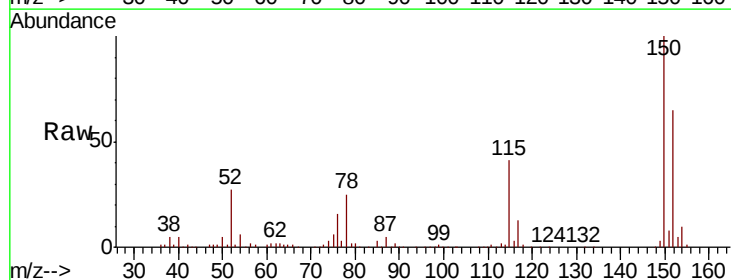
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL01

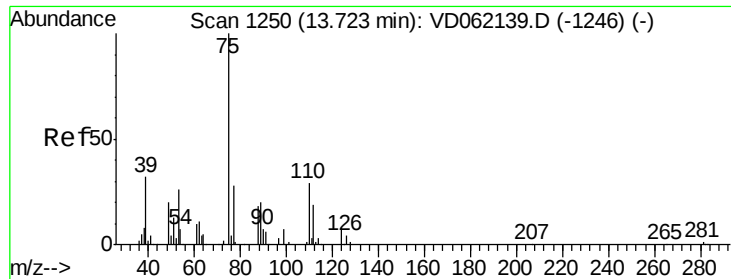
Tot Ion:117 Resp: 1018373
Ion Ratio Lower Upper
117 100
82 52.2 36.2 54.2
119 33.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062253.D
Acq: 12 May 2019 12:25

Tgt Ion:152 Resp: 563347
Ion Ratio Lower Upper
152 100
115 62.2 30.9 92.7
150 153.0 0.0 314.8





#76

1,2,3-Trichloropropane

Concen: 26.399 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

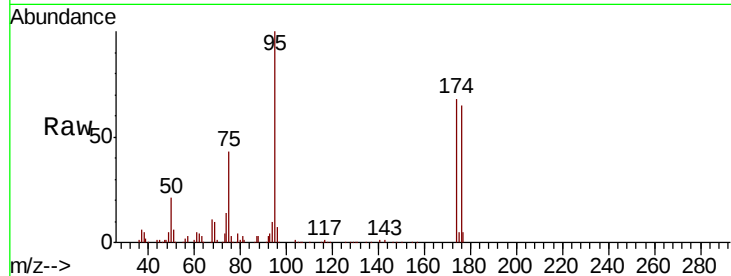
VD0512SBL01

Tot Ion: 75 Resp: 176742

Ion Ratio Lower Upper

75 100

77 1.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.56

150000

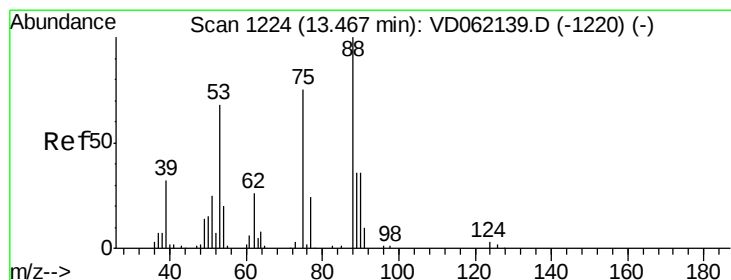
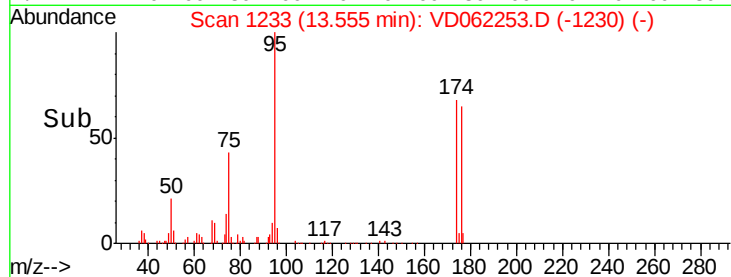
100000

50000

0

13.55 13.60 13.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 105.308 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062253.D

Acq: 12 May 2019 12:25

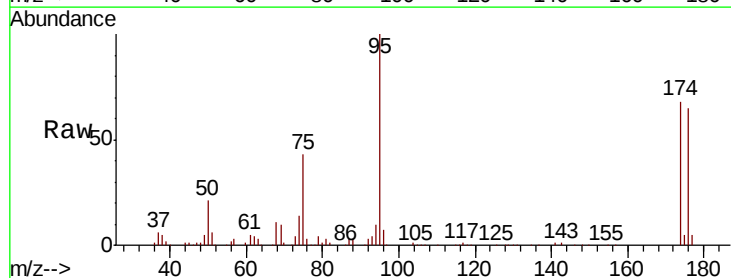
Tgt Ion: 75 Resp: 199034

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

13.56

150000

100000

50000

0

13.50 13.55 13.60

Time-->

