

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
 Data File : VD063671.D
 Acq On : 19 Aug 2019 21:23
 Operator : JC/SY
 Sample : K4408-02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Aug 20 08:18:04 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

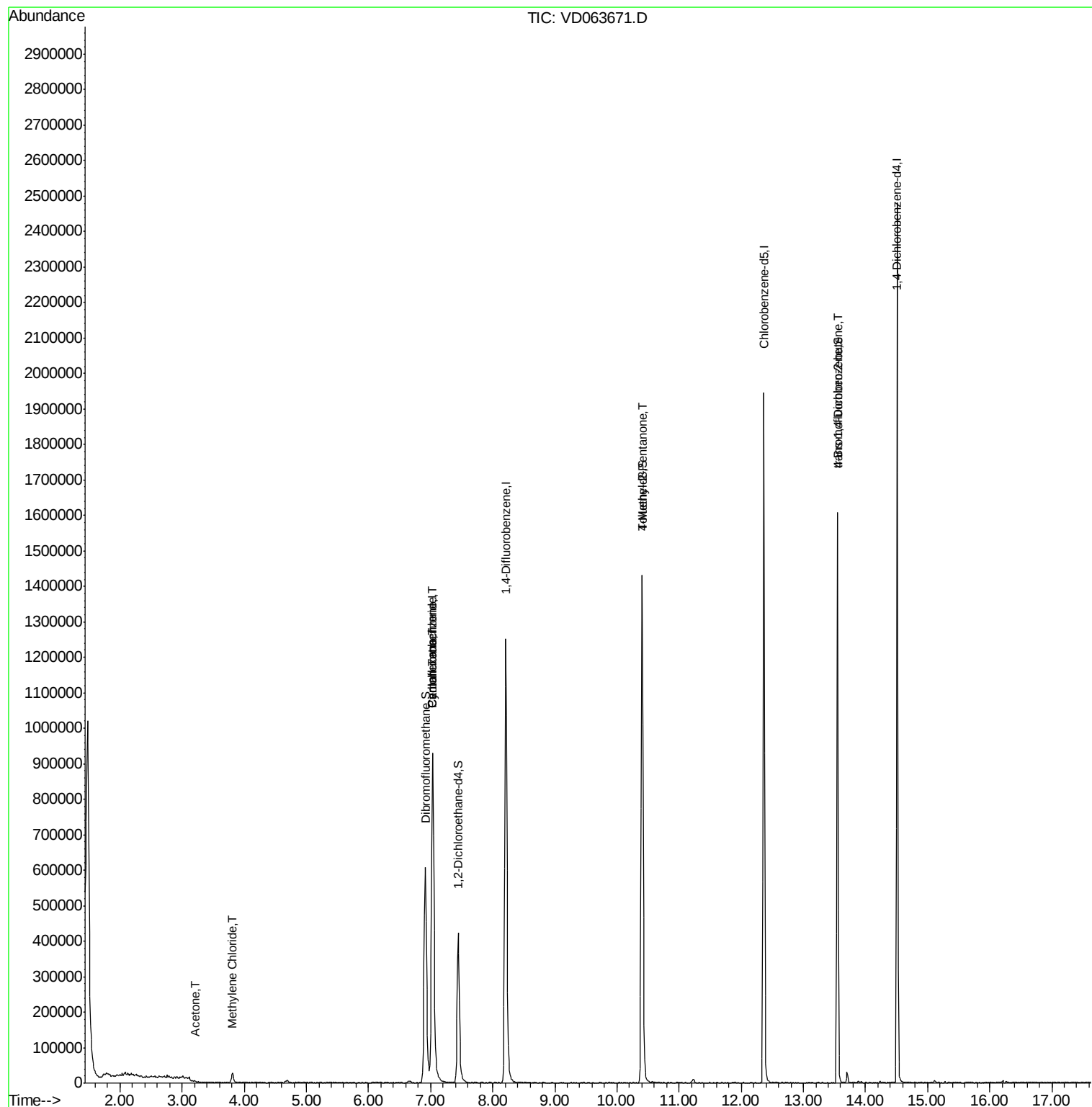
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	950063	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1394927	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1104634	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	538965	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	473619	46.64	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	6.91	113	572958	48.77	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.41	98	1237324	47.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	13.55	95	490865	41.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	5764	2.792	ug/l #	65
20) Methylene Chloride	3.81	84	13760	1.541	ug/l #	87
31) Cyclohexane	7.03	56	21624	2.358	ug/l #	34
38) Carbon Tetrachloride	7.04	117	88150	4.743	ug/l #	17
51) 4-Methyl-2-Pentanone	10.41	43	6038	1.275	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	234291	140.926	ug/l #	1

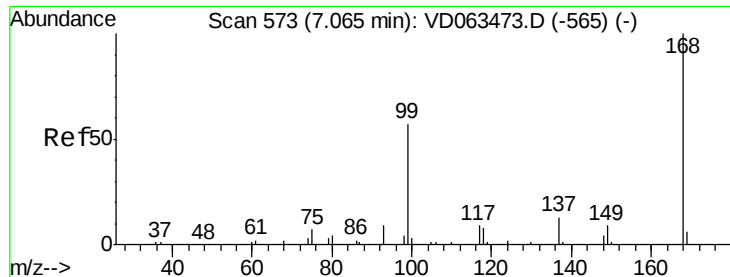
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
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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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

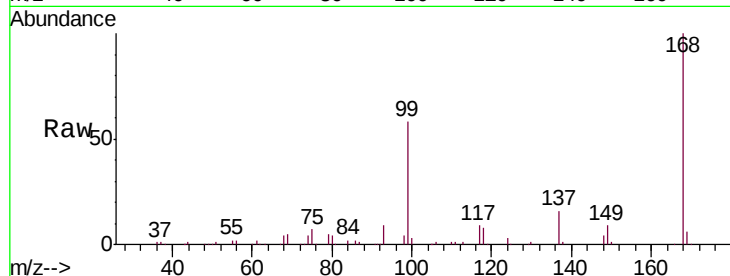
SP-1A

Tgt Ion:168 Resp: 950063

Ion Ratio Lower Upper

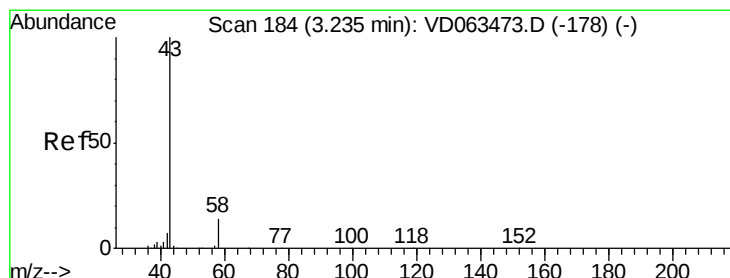
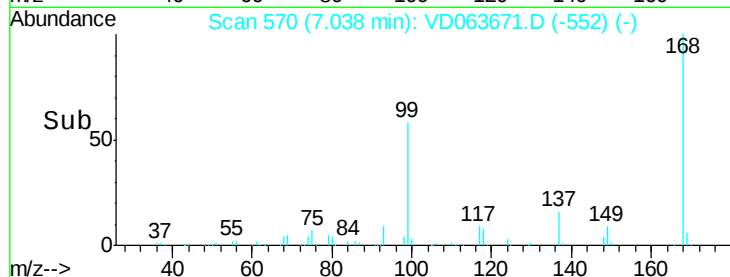
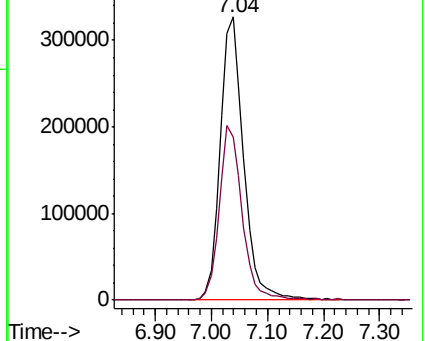
168 100

99 57.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 2.792 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063671.D

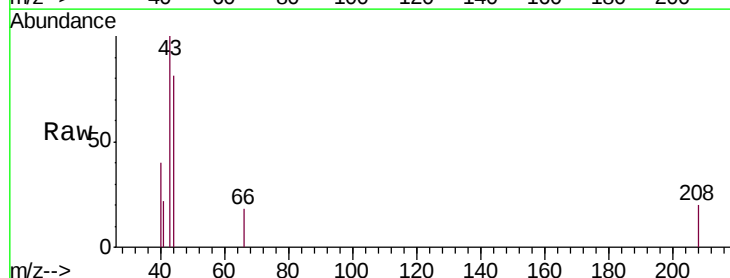
Acq: 19 Aug 2019 21:23

Tgt Ion: 43 Resp: 5764

Ion Ratio Lower Upper

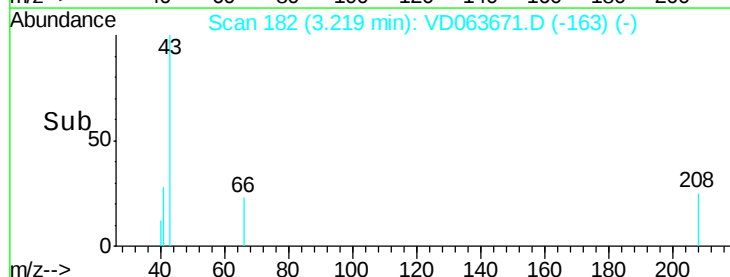
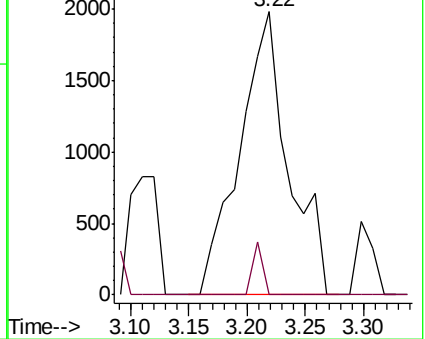
43 100

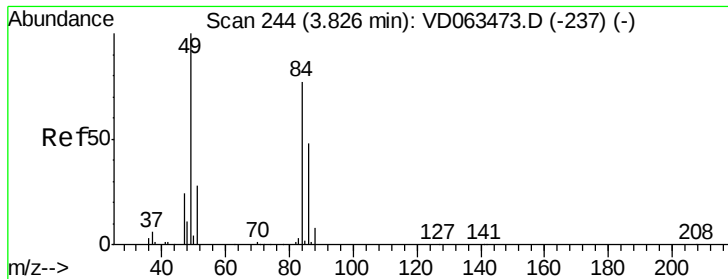
58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

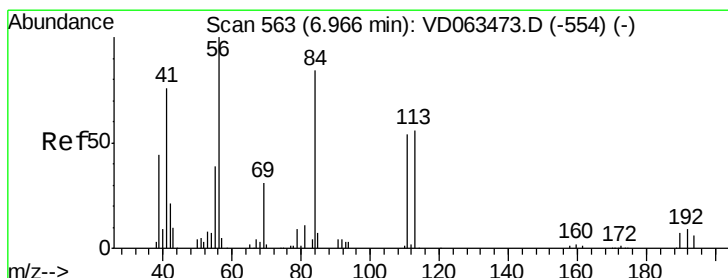
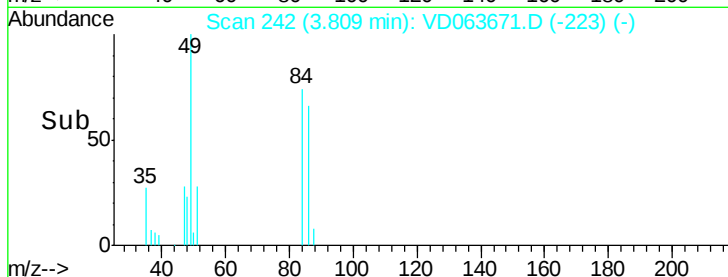
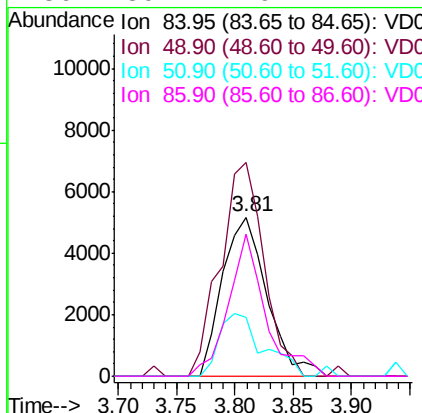
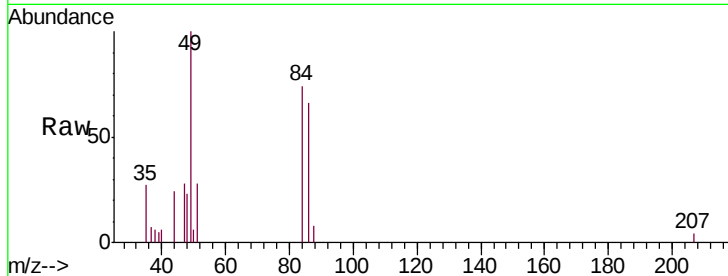




#20
Methylene Chloride
Concen: 1.541 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063671.D
Acq: 19 Aug 2019 21:23

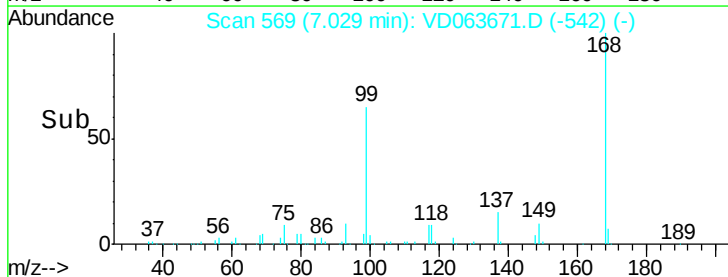
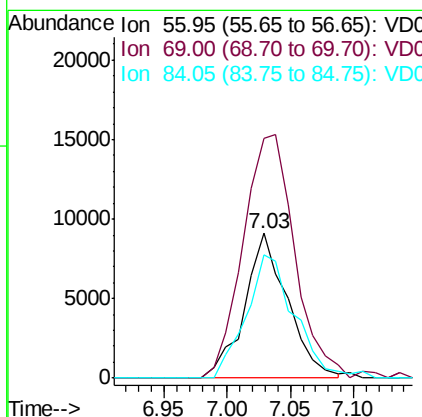
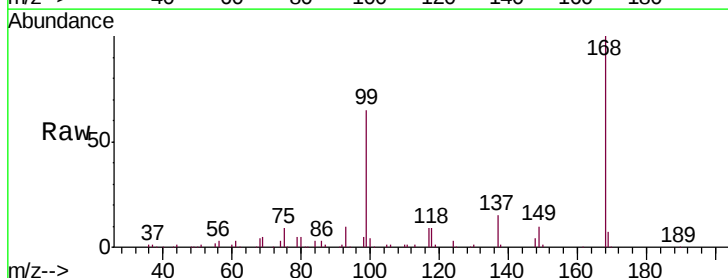
Instrument :
MSVOA_D
ClientSampleID :
SP-1A

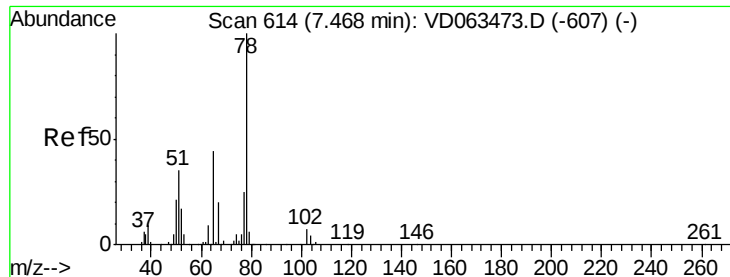
Tgt Ion: 84 Resp: 13760
Ion Ratio Lower Upper
84 100
49 134.5 103.4 155.2
51 37.0 28.5 42.7
86 89.4 49.4 74.2#



#31
Cyclohexane
Concen: 2.358 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD063671.D
Acq: 19 Aug 2019 21:23

Tgt Ion: 56 Resp: 21624
Ion Ratio Lower Upper
56 100
69 165.9 25.0 37.6#
84 85.6 69.7 104.5





#33

1,2-Dichloroethane-d4

Concen: 46.637 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

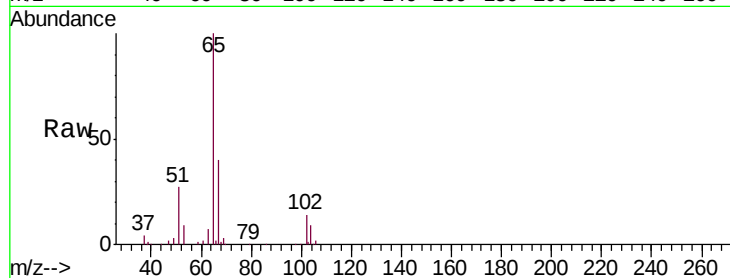
SP-1A

Tgt Ion: 65 Resp: 473619

Ion Ratio Lower Upper

65 100

67 39.5 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

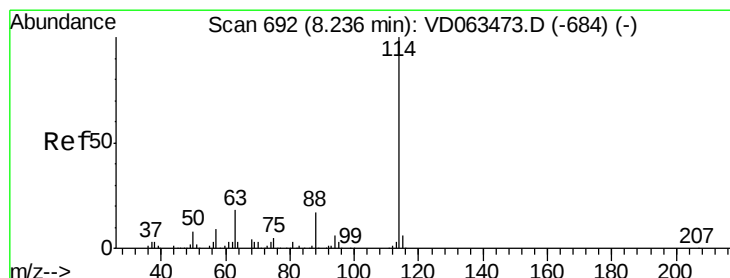
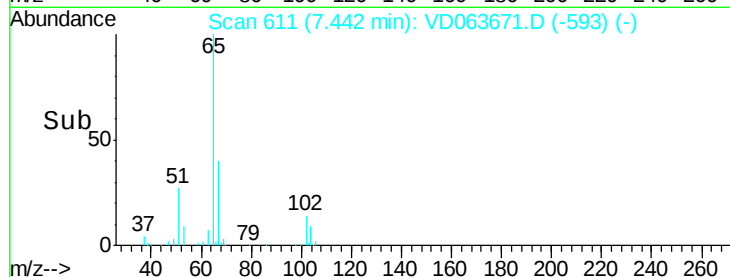
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

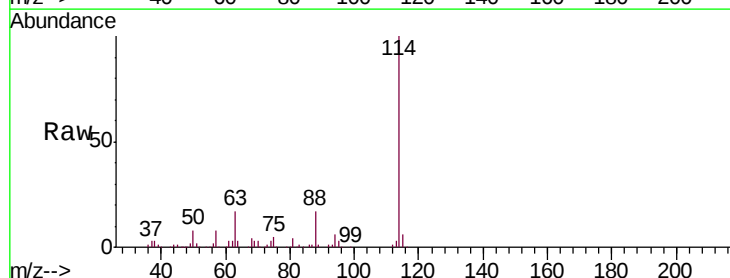
Tgt Ion: 114 Resp: 1394927

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.2

88 16.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

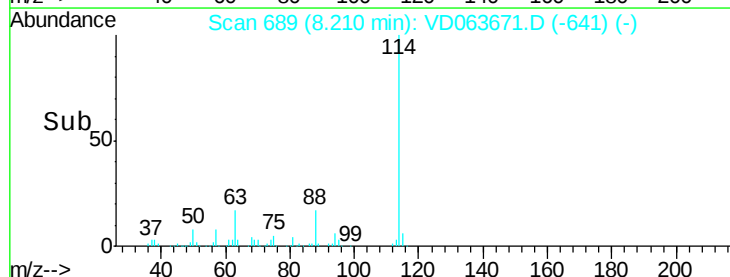
600000

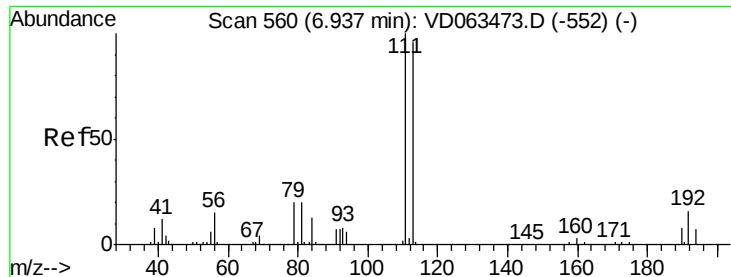
400000

200000

0

Time-->

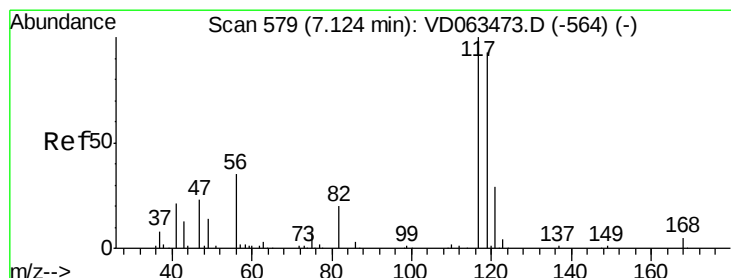
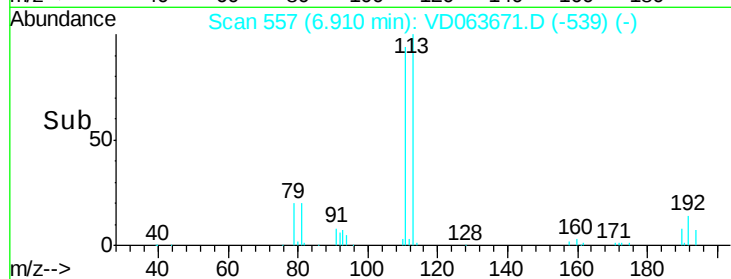
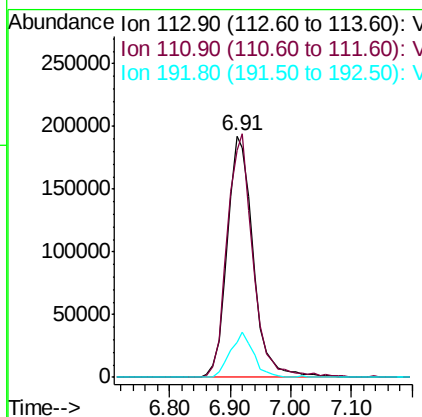
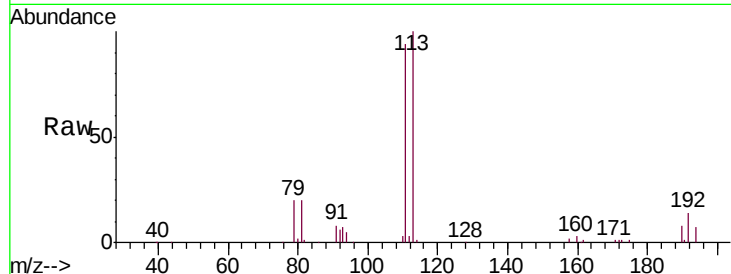




#35
 Dibromofluoromethane
 Concen: 48.770 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD063671.D
 Acq: 19 Aug 2019 21:23

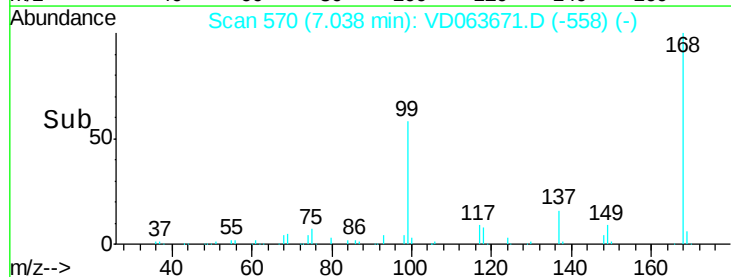
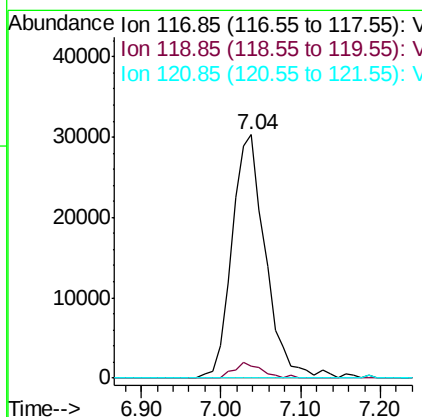
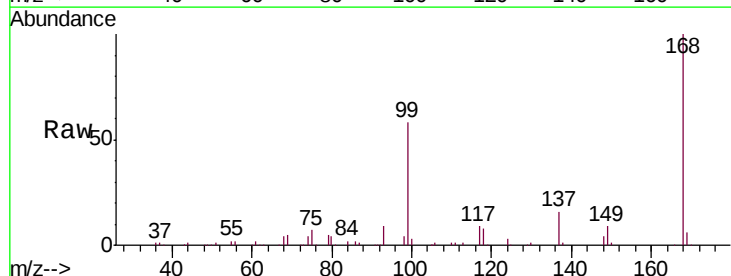
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

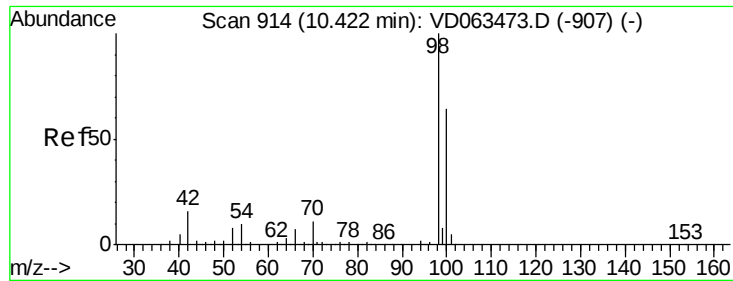
Tgt Ion:113 Resp: 572958
 Ion Ratio Lower Upper
 113 100
 111 94.3 83.1 124.7
 192 14.4 13.1 19.7



#38
 Carbon Tetrachloride
 Concen: 4.743 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: VD063671.D
 Acq: 19 Aug 2019 21:23

Tgt Ion:117 Resp: 88150
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.2 111.2#
 121 0.0 23.1 34.7#

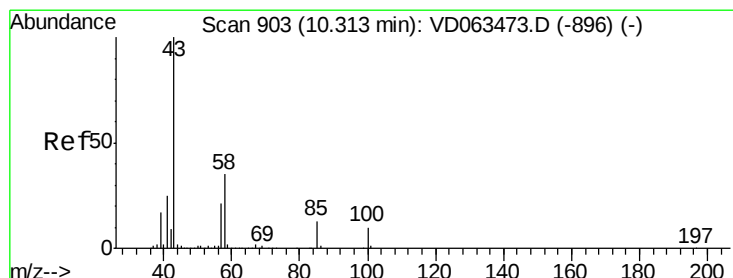
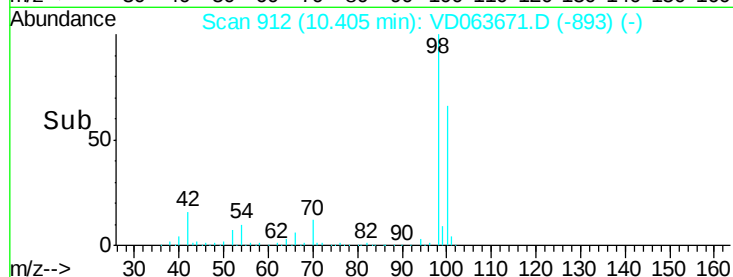
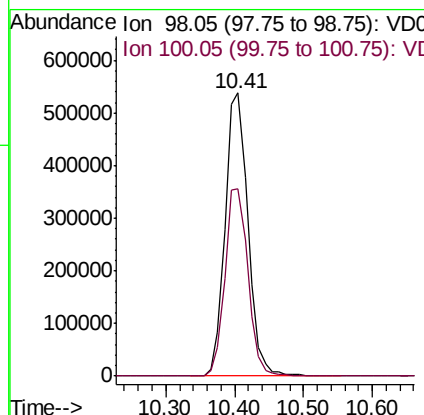
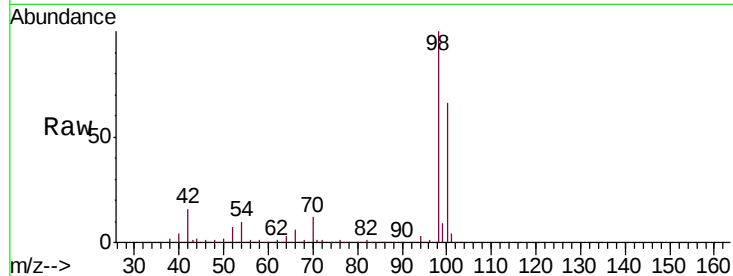




#50
Toluene-d8
Concen: 47.905 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063671.D
Acq: 19 Aug 2019 21:23

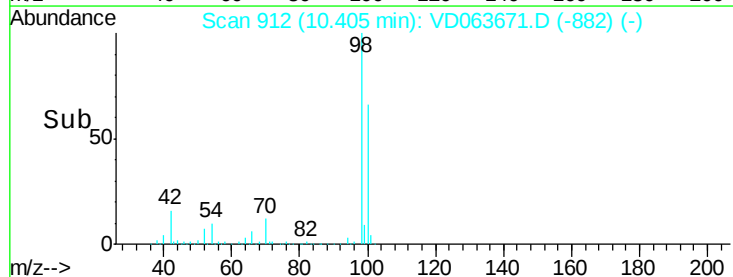
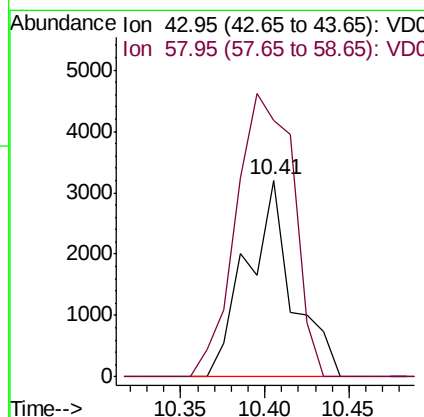
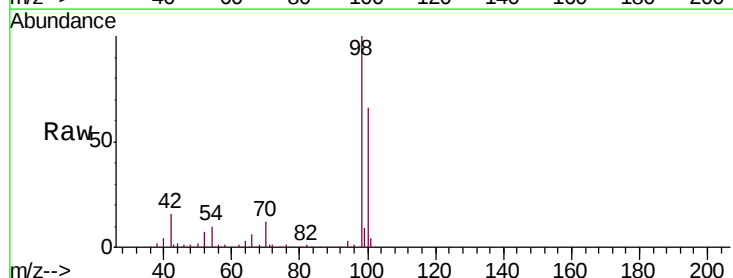
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

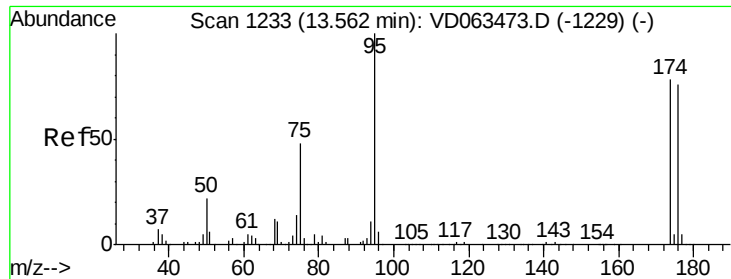
Tgt Ion: 98 Resp: 1237324
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.275 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.09 min
Lab File: VD063671.D
Acq: 19 Aug 2019 21:23

Tgt Ion: 43 Resp: 6038
Ion Ratio Lower Upper
43 100
58 130.5 28.0 42.0#





#62

4-Bromofluorobenzene

Concen: 41.930 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

SP-1A

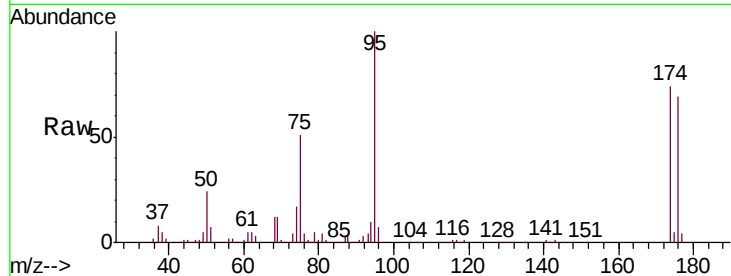
Tgt Ion: 95 Resp: 490865

Ion Ratio Lower Upper

95 100

174 73.8 0.0 155.4

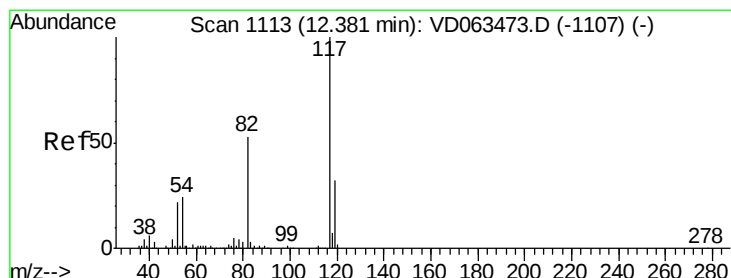
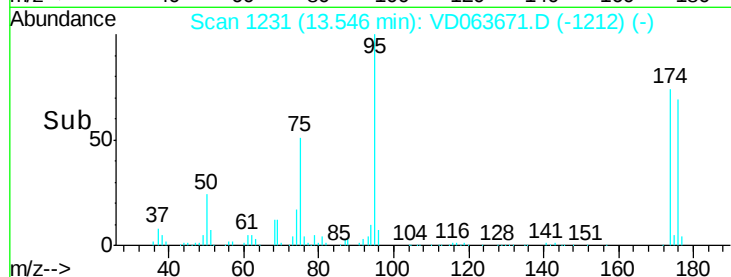
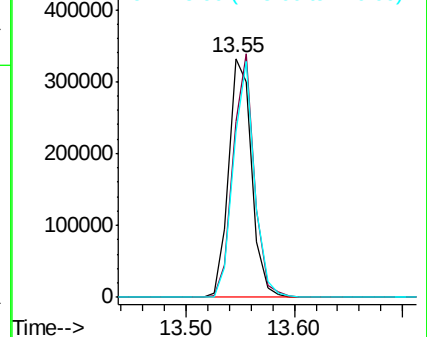
176 69.2 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

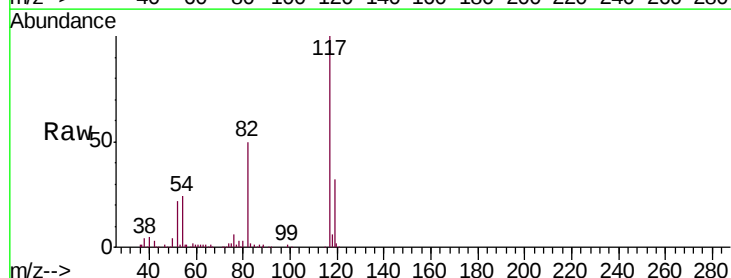
Tgt Ion: 117 Resp: 1104634

Ion Ratio Lower Upper

117 100

82 49.8 42.0 63.0

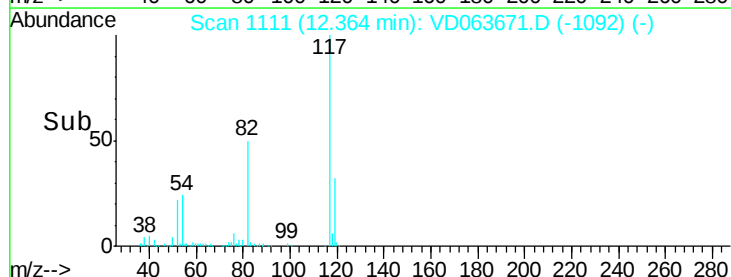
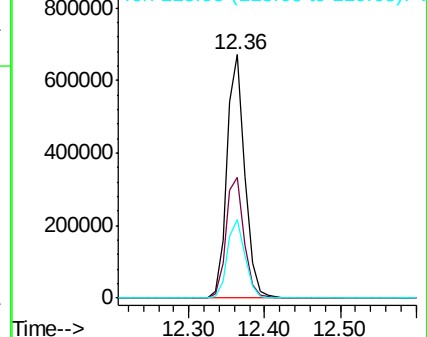
119 32.3 25.4 38.0

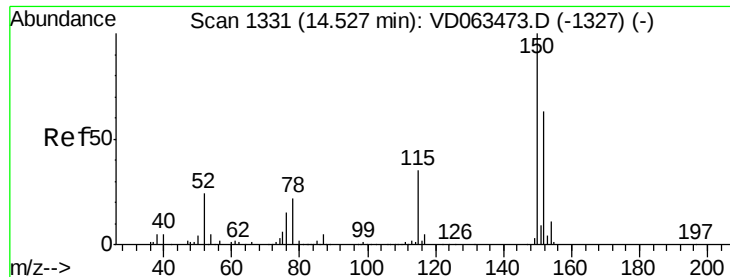


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1329

Delta R.T. -0.02 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

SP-1A

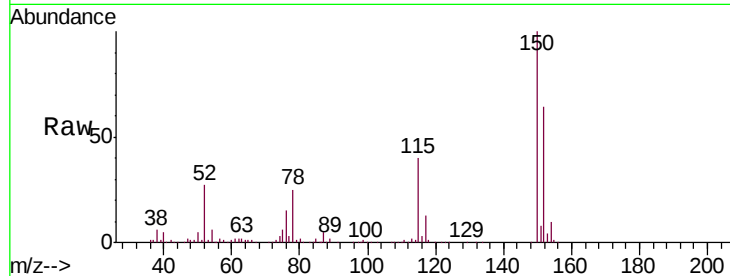
Tgt Ion:152 Resp: 538965

Ion Ratio Lower Upper

152 100

115 63.5 30.9 92.7

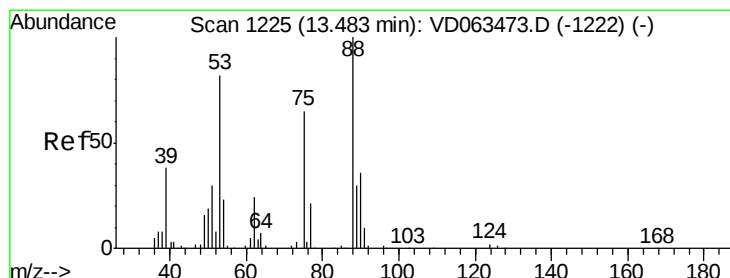
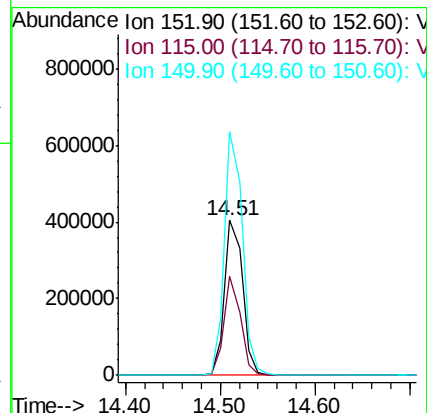
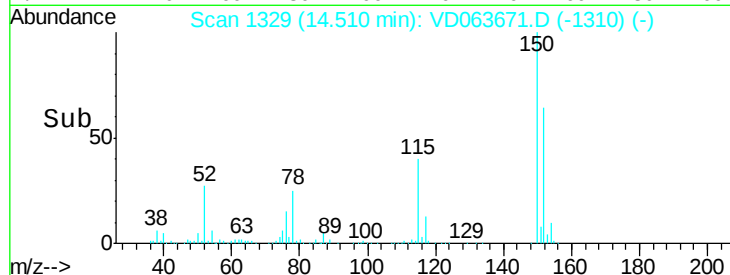
150 157.2 0.0 318.6



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: 140.926 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD063671.D

Acq: 19 Aug 2019 21:23

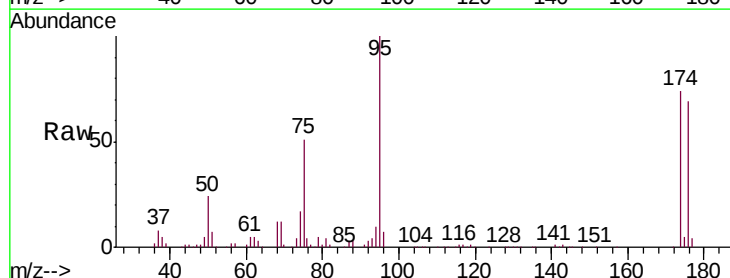
Tgt Ion: 75 Resp: 234291

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

