

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066784.D
 Acq On : 21 Sep 2020 15:53
 Operator : VA/SY
 Sample : L3869-06
 Misc : 8.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091820

Quant Time: Sep 22 00:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

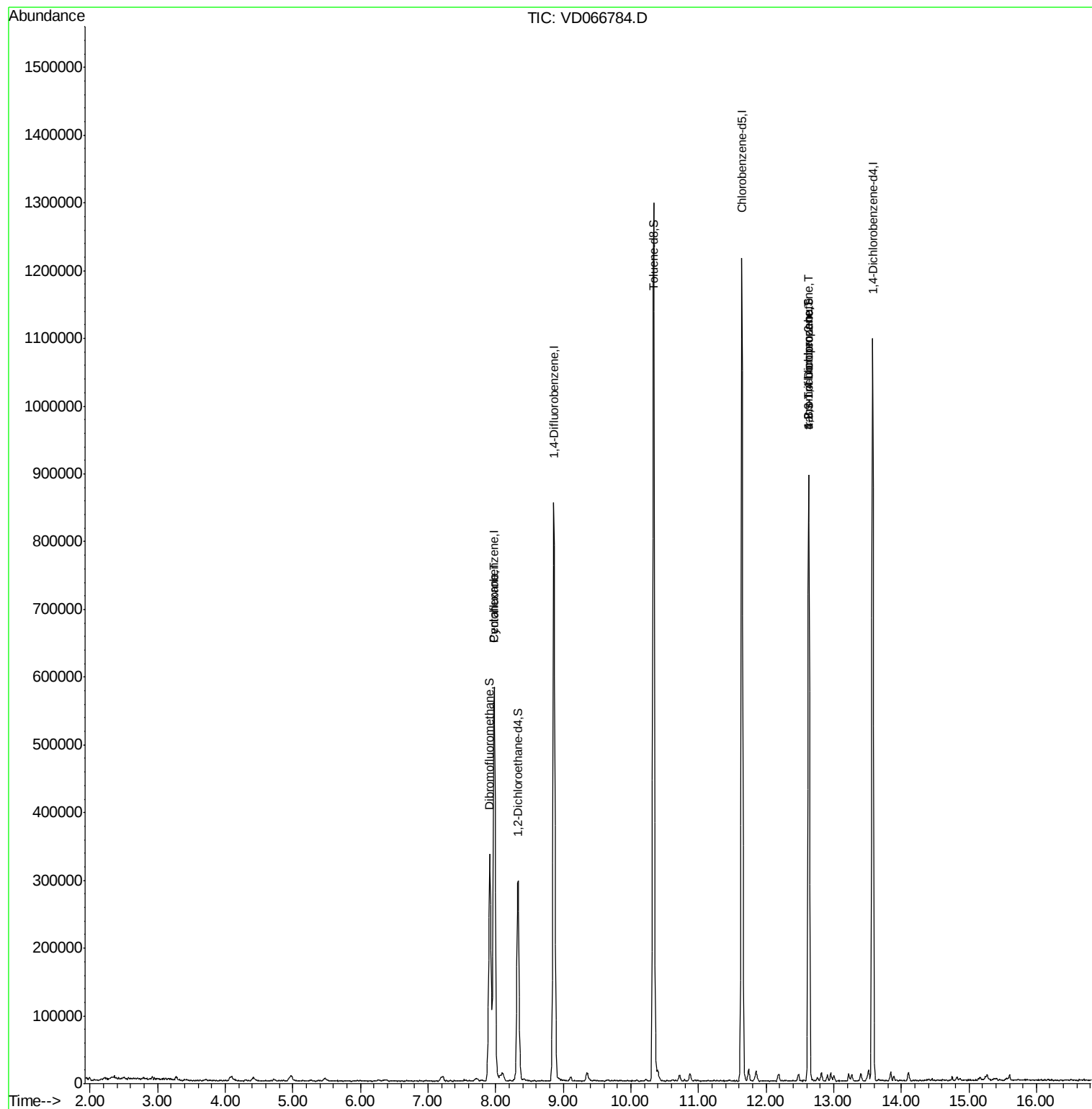
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	725182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	685958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236141	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	7.91	113	235114	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	10.34	98	859209	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.63	95	290348	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	2108	Below Cal		91
18) Methyl Acetate	4.71	43	151	Below Cal	#	52
20) Methylene Chloride	4.96	84	4500	Below Cal	#	82
31) Cyclohexane	7.98	56	13257	1.726 ug/l	#	19
76) 1,2,3-Trichloropropane	12.63	75	153904	62.724 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	153904	135.369 ug/l	#	8

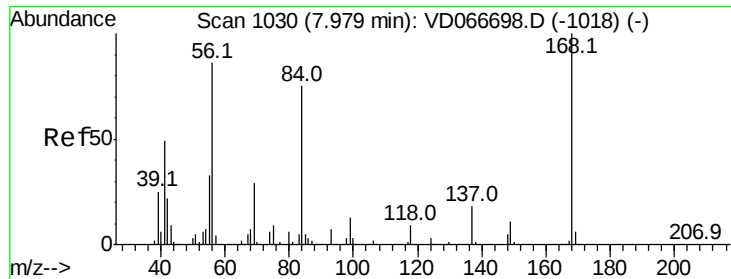
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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Quant Time: Sep 22 00:54:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

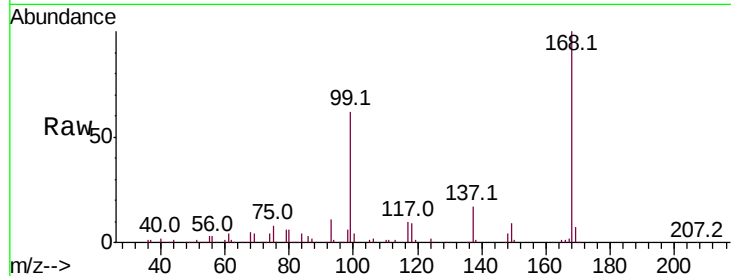
OR-02-091820

Tot Ion:168 Resp: 407477

Ion Ratio Lower Upper

168 100

99 61.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

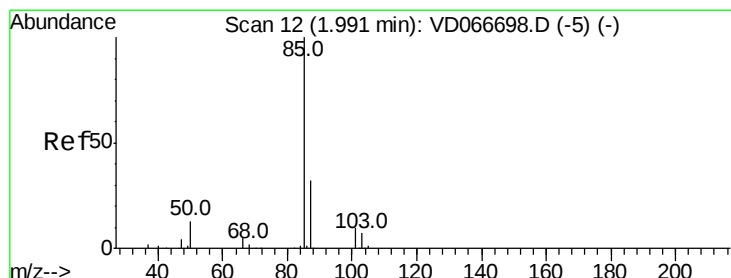
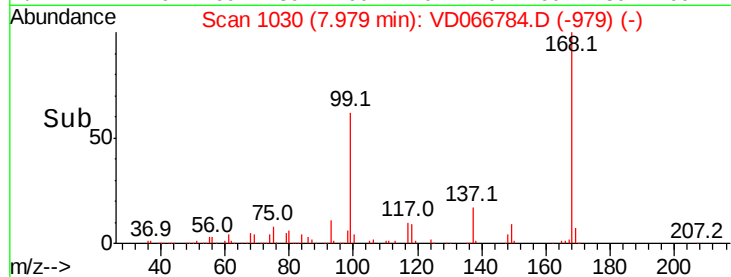
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066784.D

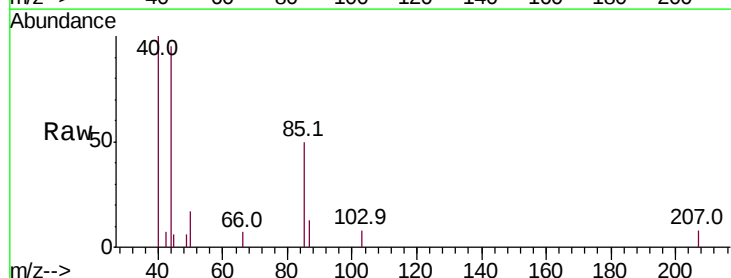
Acq: 21 Sep 2020 15:53

Tgt Ion: 85 Resp: 2108

Ion Ratio Lower Upper

85 100

87 26.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1500

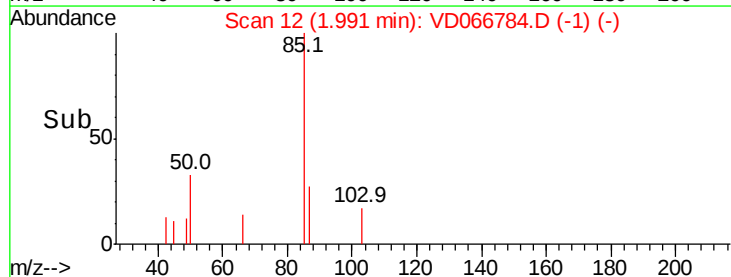
1000

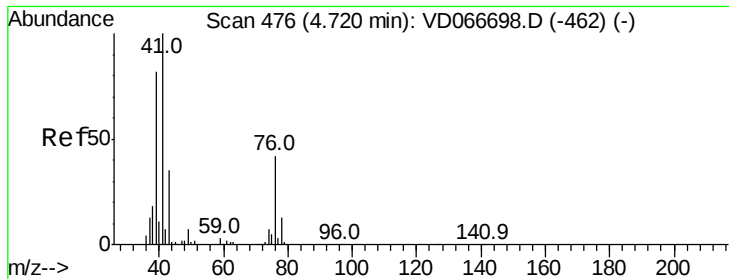
500

0

1.95 2.00

Time-->

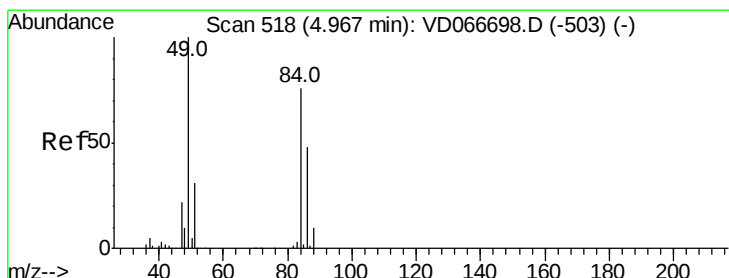
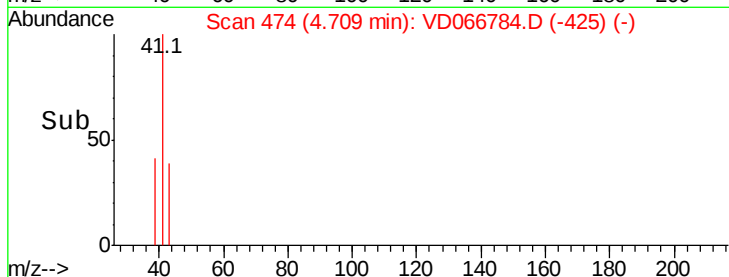
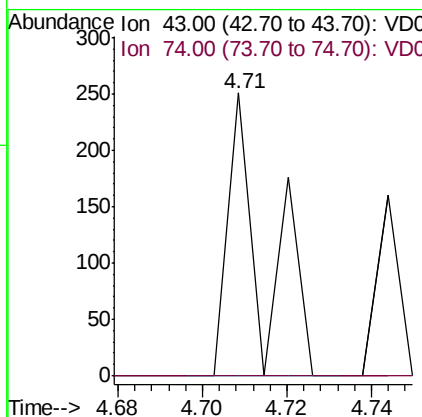
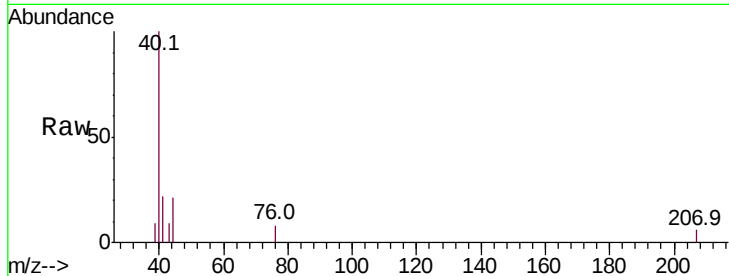




#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

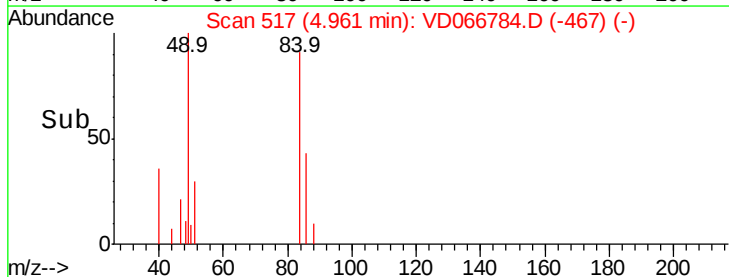
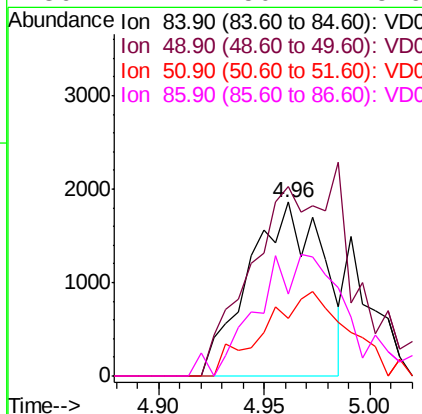
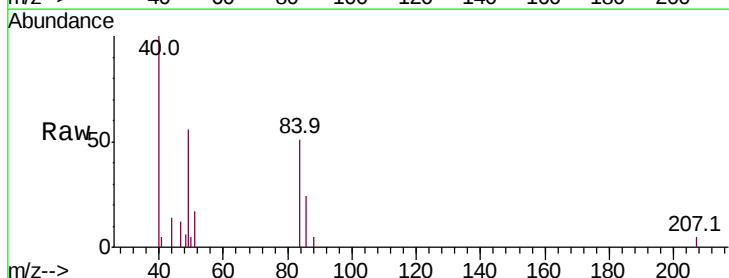
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091820

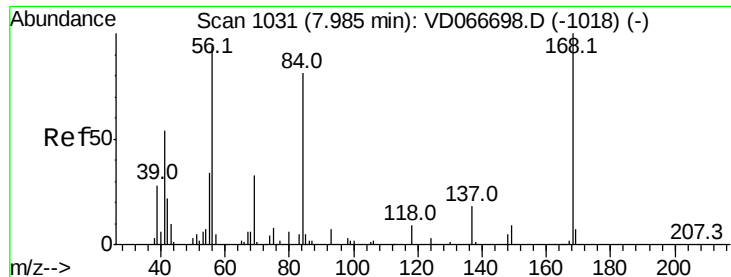
Tot Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

Tgt Ion: 84 Resp: 4500
Ion Ratio Lower Upper
84 100
49 109.3 105.0 157.6
51 32.8 32.2 48.4
86 47.4 50.4 75.6#

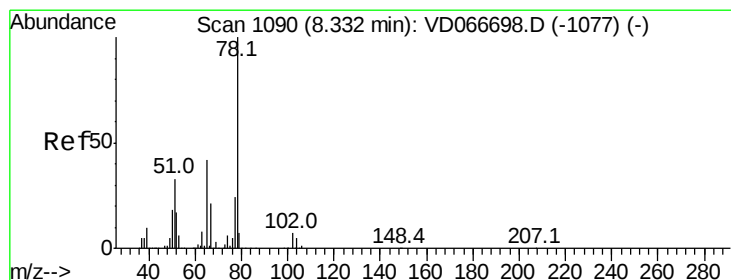
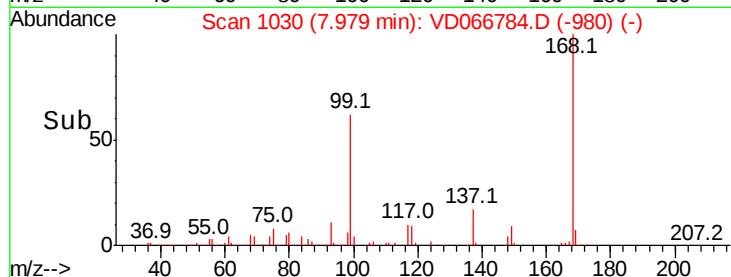
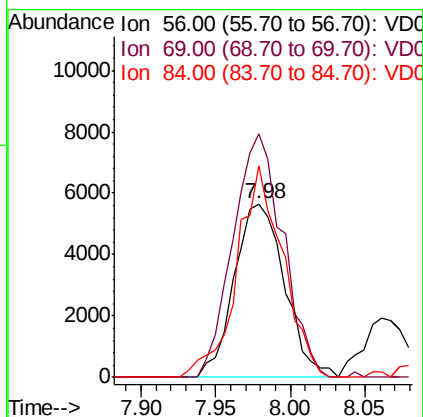
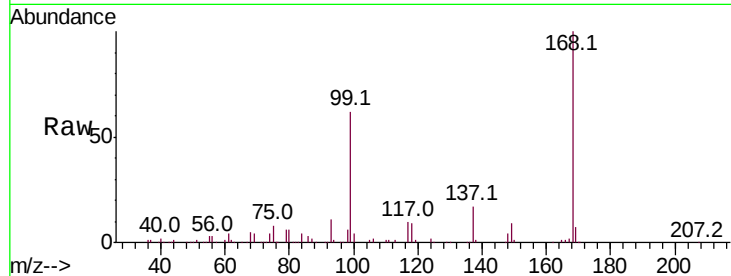




#31
Cyclohexane
Concen: 1.726 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

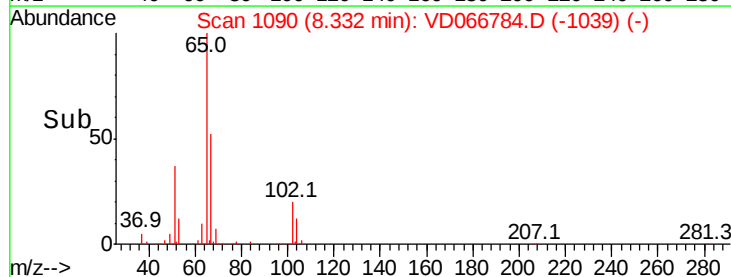
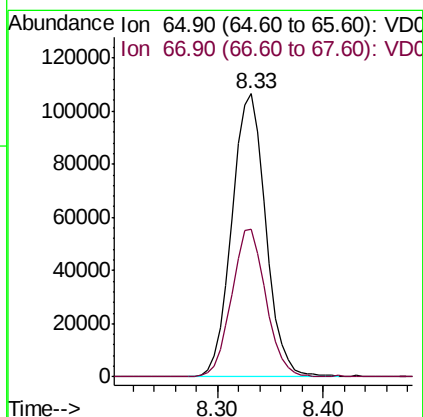
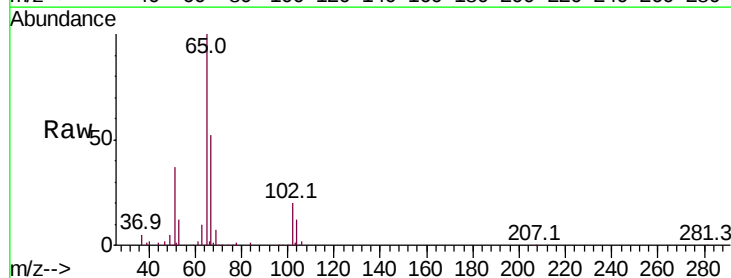
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091820

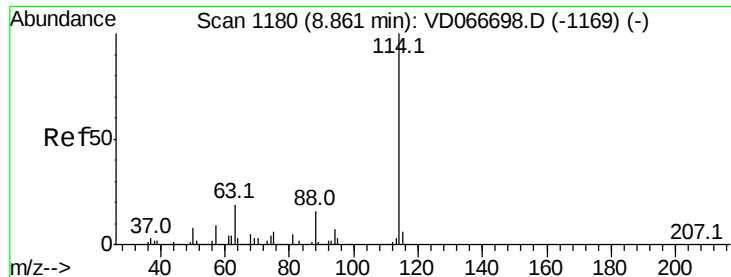
Tot Ion: 56 Resp: 13257
Ion Ratio Lower Upper
56 100
69 140.5 27.7 41.5#
84 122.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 54.316 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

Tgt Ion: 65 Resp: 236141
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

OR-02-091820

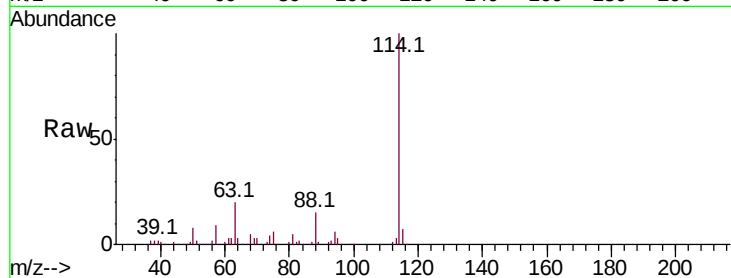
Tot Ion:114 Resp: 725182

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.6

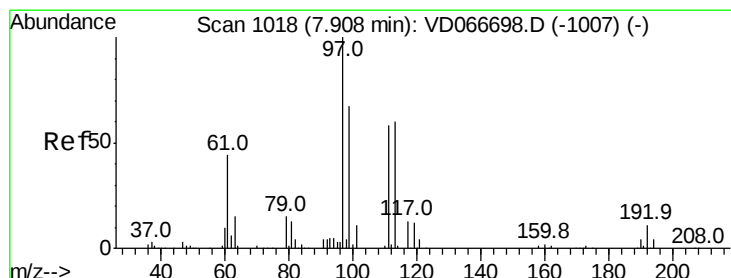
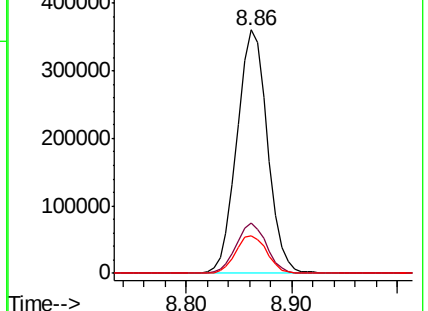
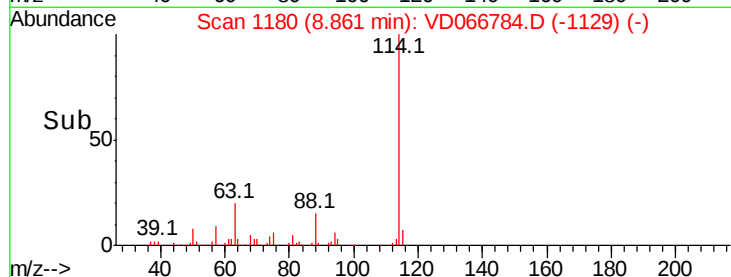
88 15.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.881 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

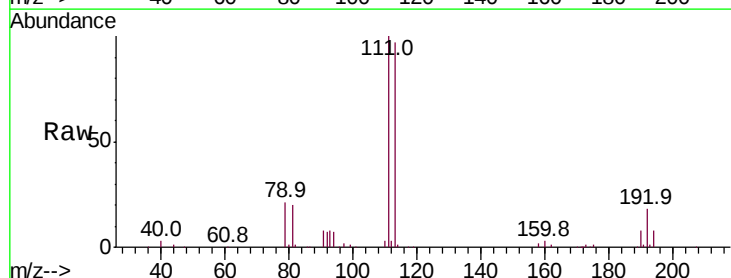
Tgt Ion:113 Resp: 235114

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

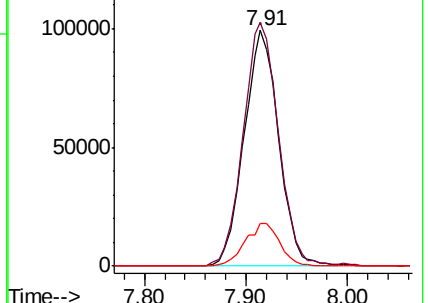
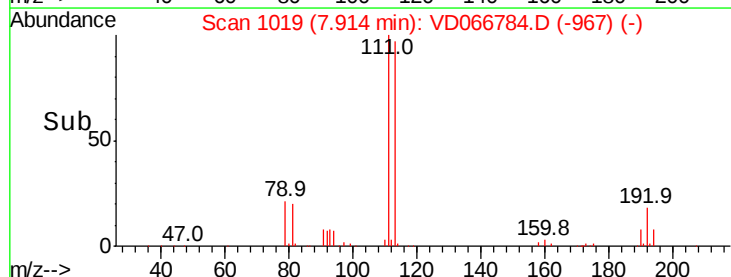
192 18.0 14.8 22.2

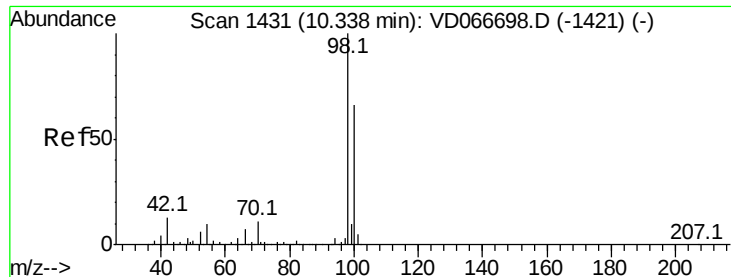


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.242 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

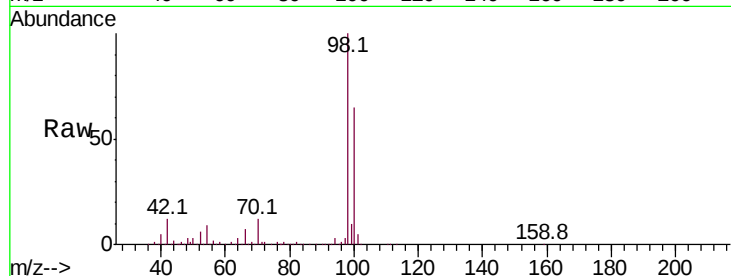
OR-02-091820

Tot Ion: 98 Resp: 859209

Ion Ratio Lower Upper

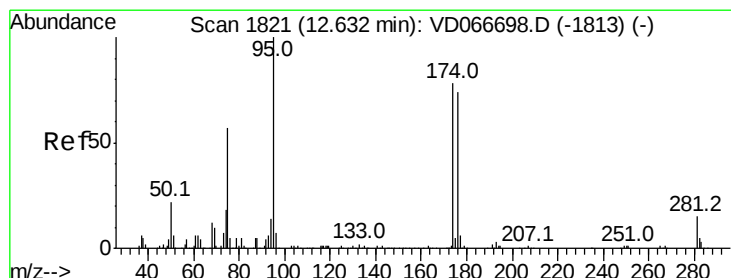
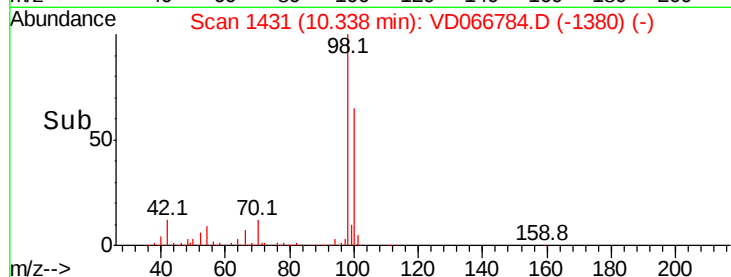
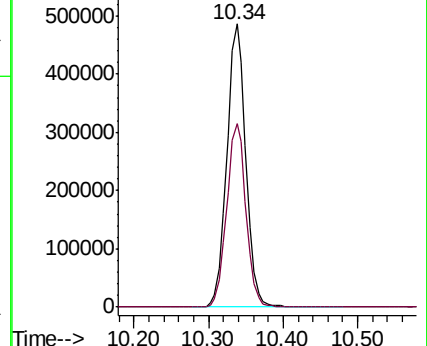
98 100

100 66.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.101 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

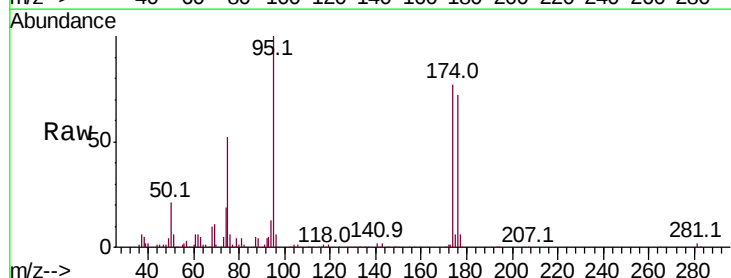
Tgt Ion: 95 Resp: 290348

Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.6

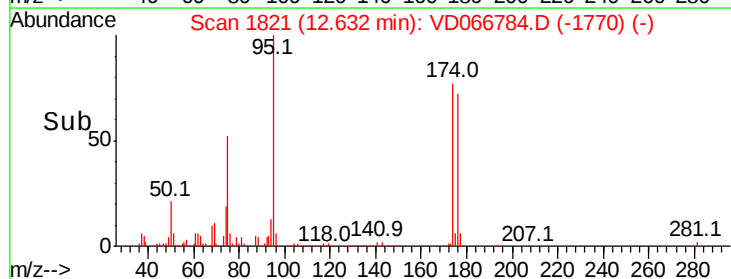
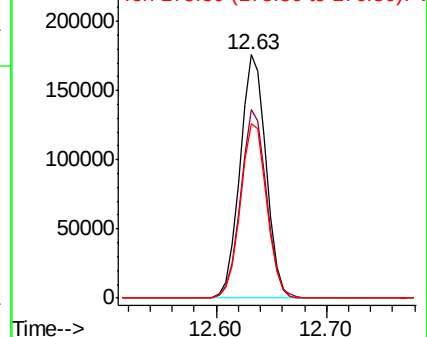
176 72.7 0.0 150.2

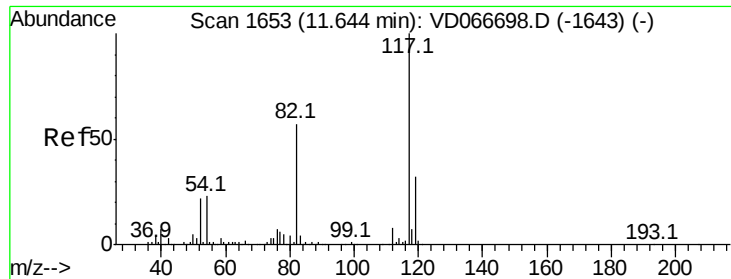


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

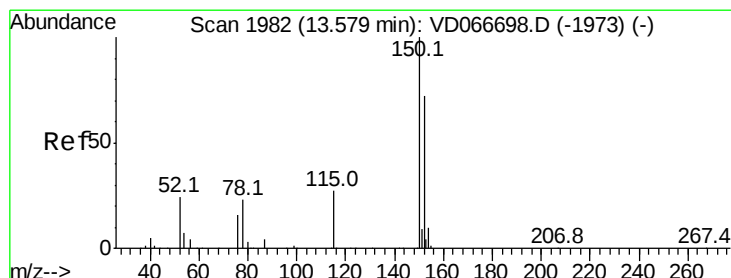
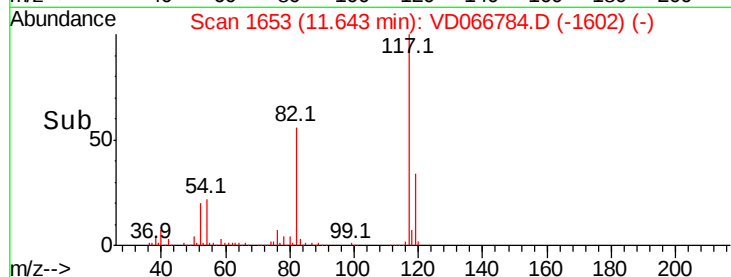
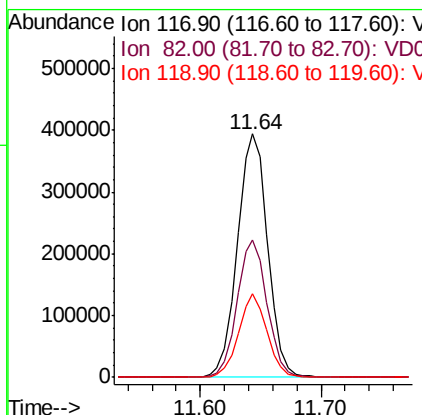
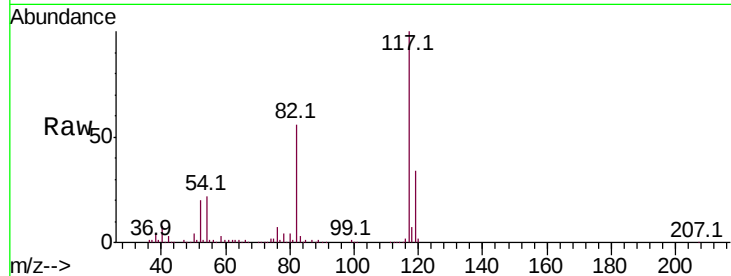




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

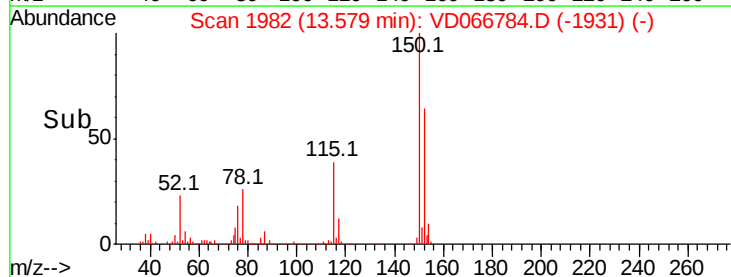
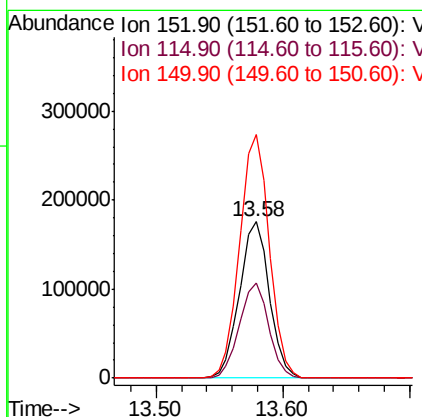
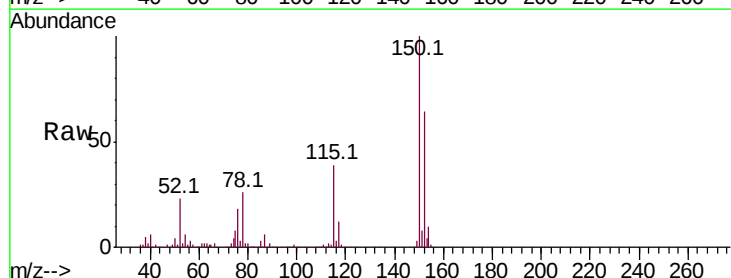
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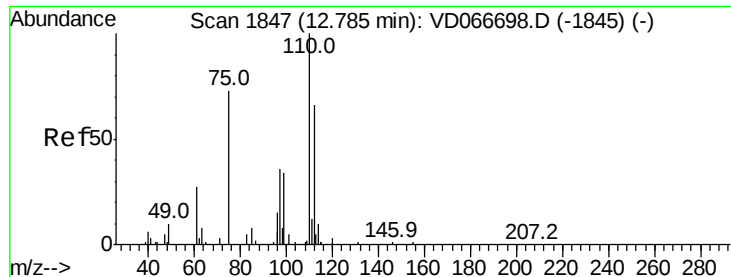
Tot Ion:117 Resp: 685958
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 34.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

Tgt Ion:152 Resp: 286658
Ion Ratio Lower Upper
152 100
115 59.8 30.5 91.5
150 154.9 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 62.724 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

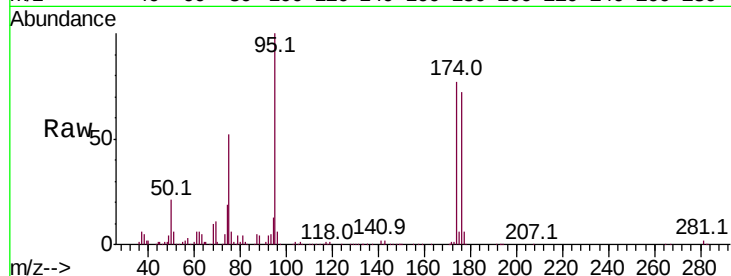
OR-02-091820

Tot Ion: 75 Resp: 153904

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

100000

80000

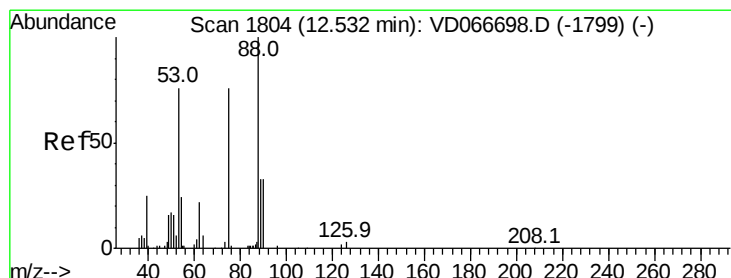
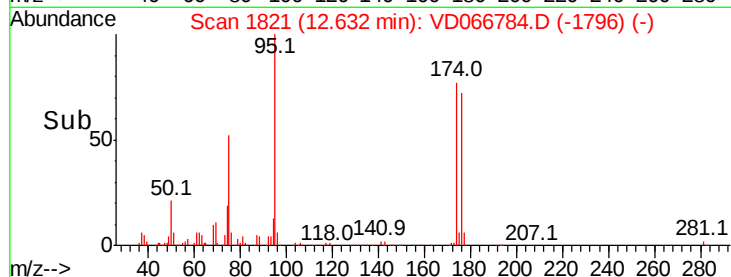
60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 135.369 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066784.D

Acq: 21 Sep 2020 15:53

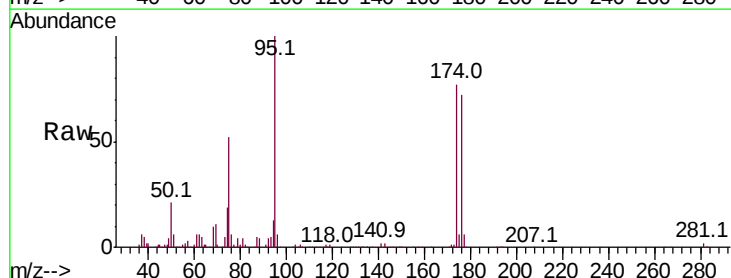
Tgt Ion: 75 Resp: 153904

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.63

120000

100000

80000

60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70

