

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064275.D
 Acq On : 18 Nov 2019 20:19
 Operator : VA/SY
 Sample : K5893-01RE
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

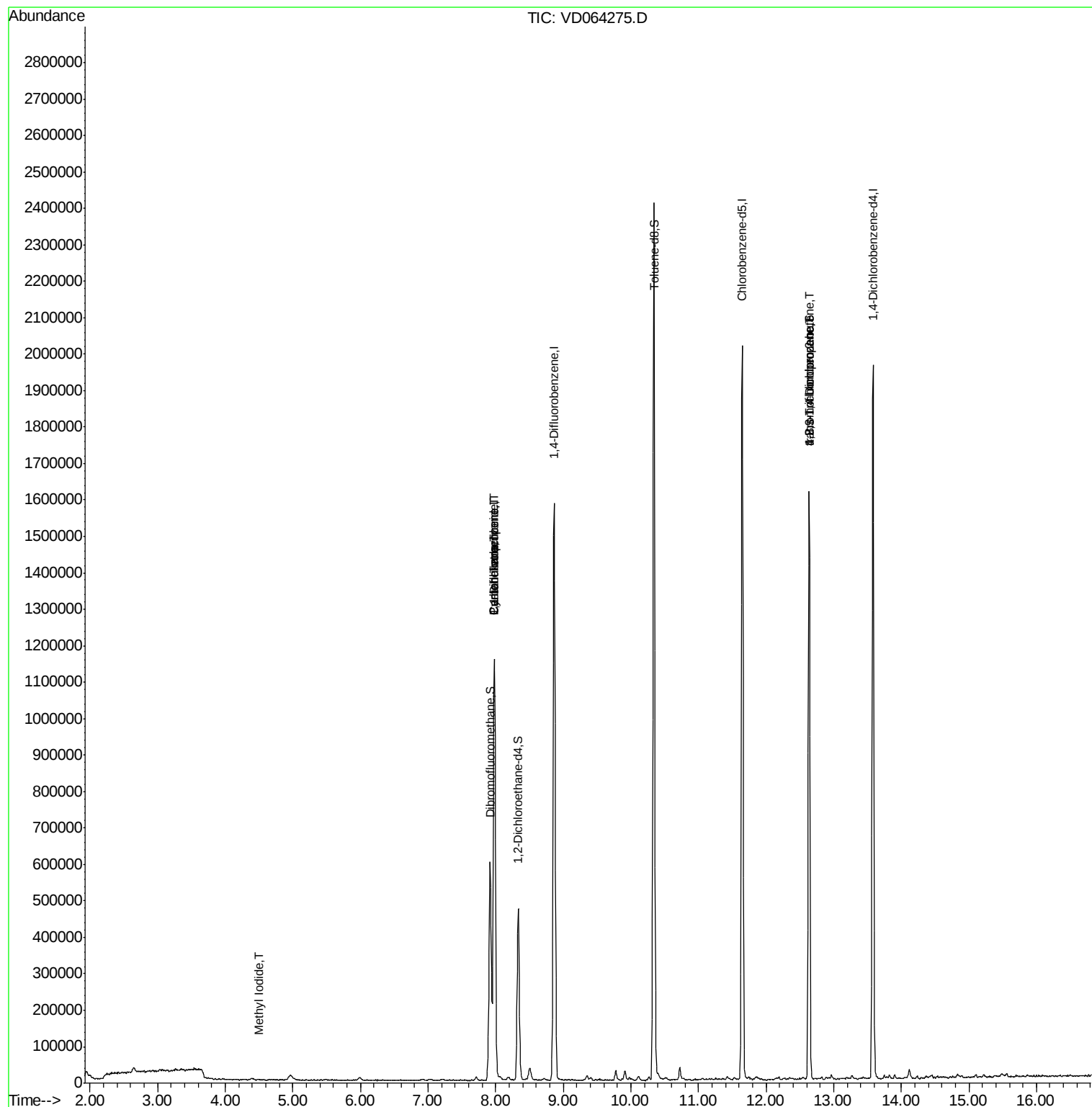
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	952171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1395782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1175567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	545769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	377318	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	7.92	113	413491	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	10.34	98	1621473	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.64	95	495316	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.50	142	68	2.038	ug/l #	41
31) Cyclohexane	7.98	56	19215	1.250	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	63962	4.965	ug/l #	41
38) Carbon Tetrachloride	7.98	117	85796	6.224	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	257821	58.649	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	257821	116.500	ug/l #	10

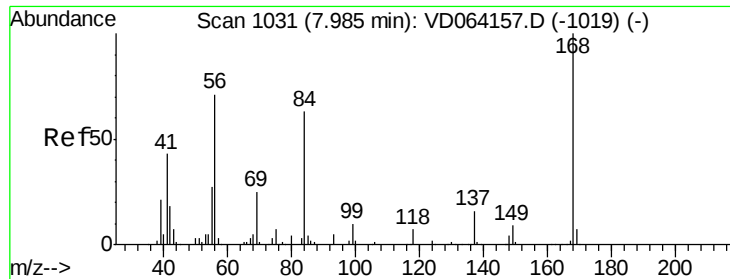
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064275.D
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064275.D

Acq: 18 Nov 2019 20:19

Instrument :

MSVOA_D

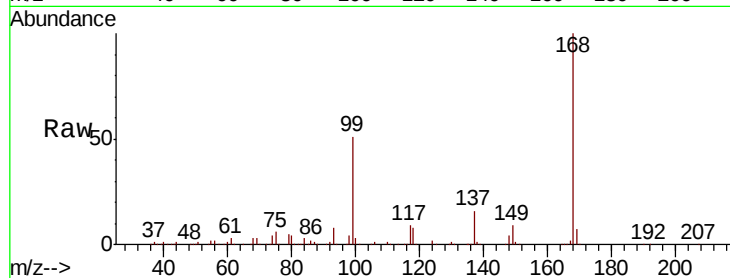
ClientSampleId :

Tot Ion:168 Resp: 952171

Ion Ratio Lower Upper

168 100

99 50.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

300000

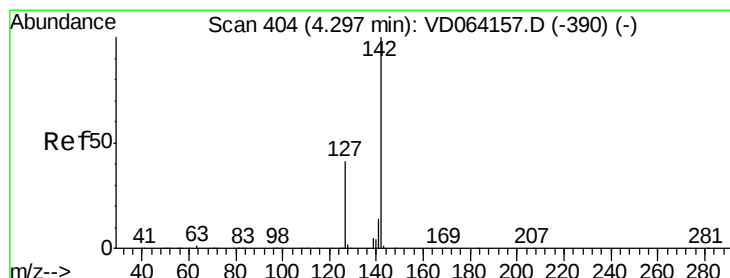
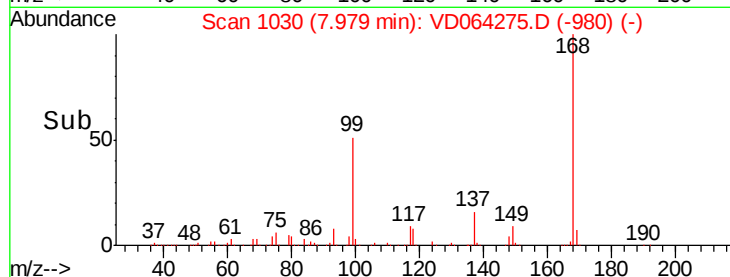
200000

100000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 2.038 ug/l

RT: 4.50 min Scan# 439

Delta R.T. 0.21 min

Lab File: VD064275.D

Acq: 18 Nov 2019 20:19

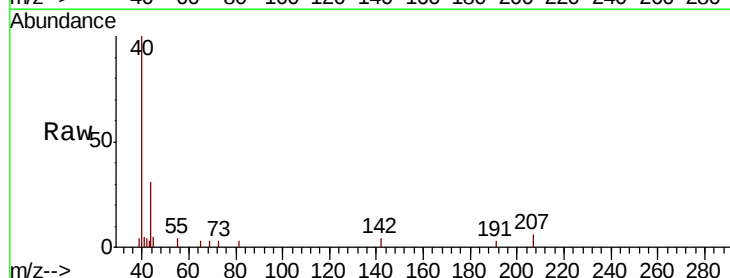
Tgt Ion:142 Resp: 68

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.50

250

200

150

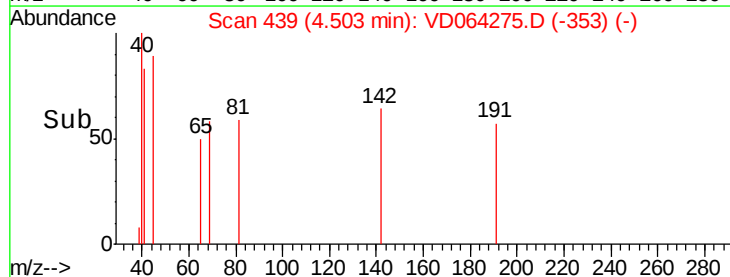
100

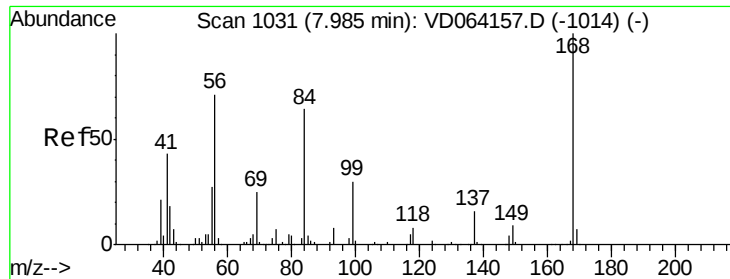
50

0

Time-->

4.48 4.49 4.50 4.51 4.52

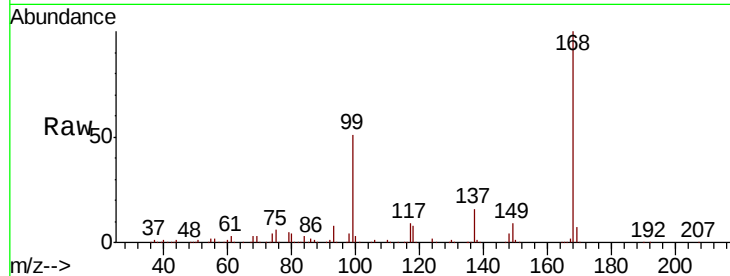




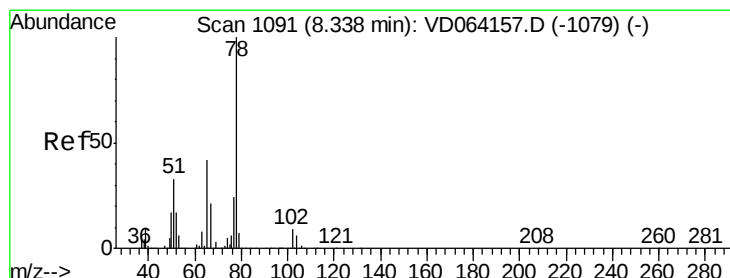
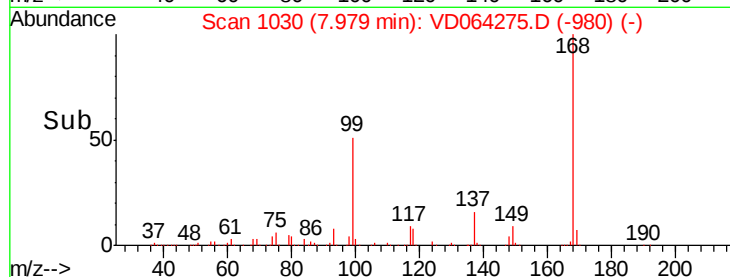
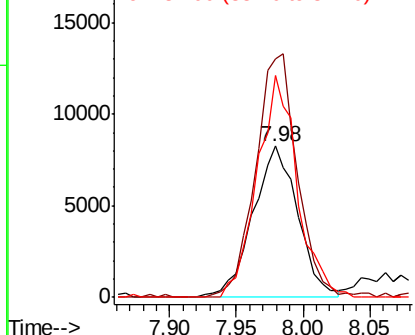
#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064275.D
Acq: 18 Nov 2019 20:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 19215
Ion Ratio Lower Upper
56 100
69 157.9 28.2 42.4#
84 146.8 71.8 107.6#

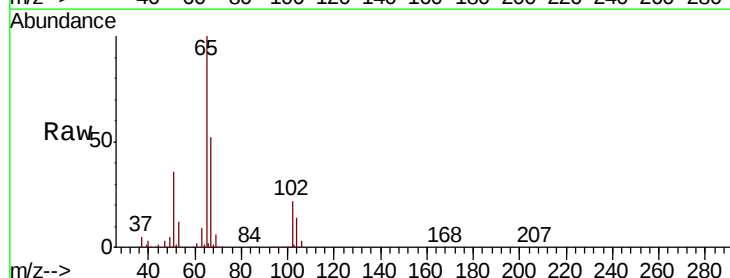


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

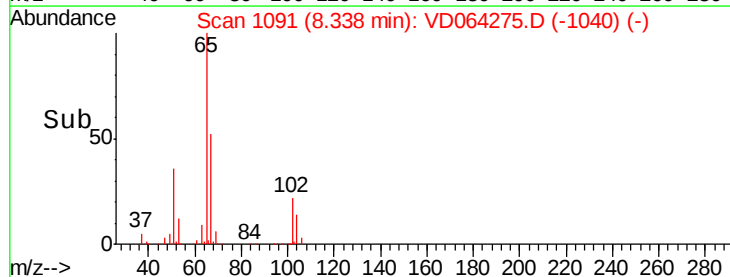
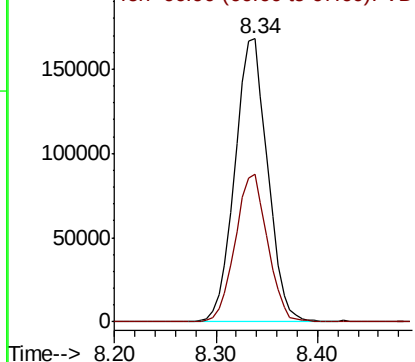


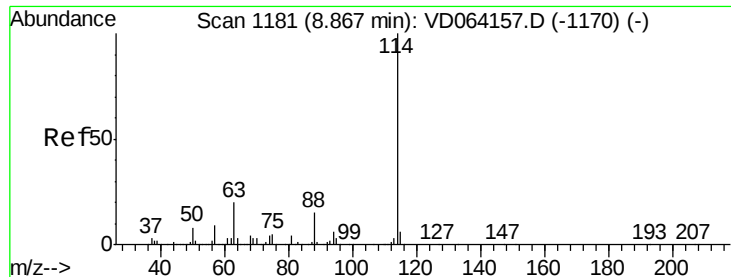
#33
1,2-Dichloroethane-d4
Concen: 48.182 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064275.D
Acq: 18 Nov 2019 20:19

Tgt Ion: 65 Resp: 377318
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

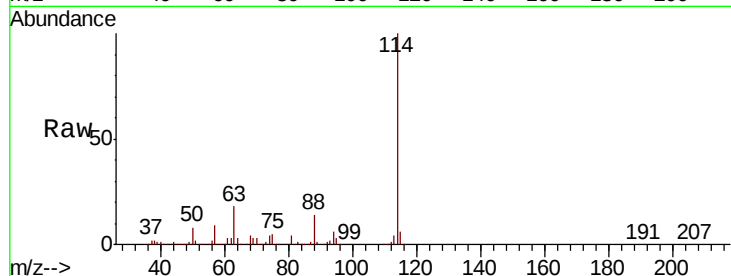




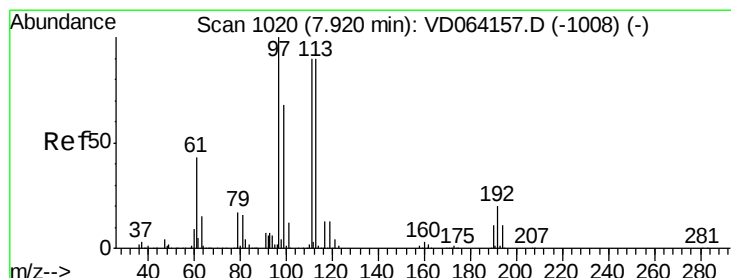
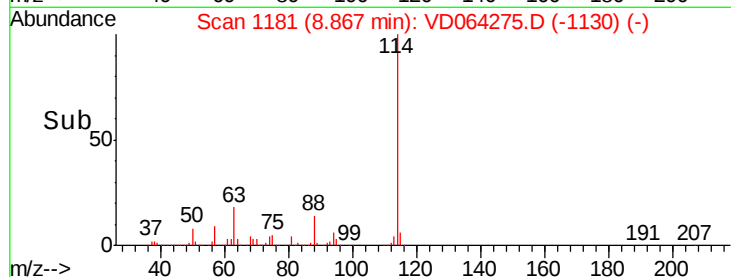
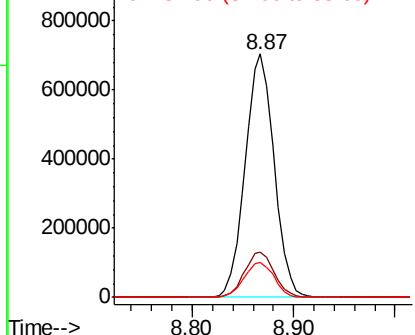
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064275.D
 Acq: 18 Nov 2019 20:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1395782
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.0
 88 14.4 0.0 30.2

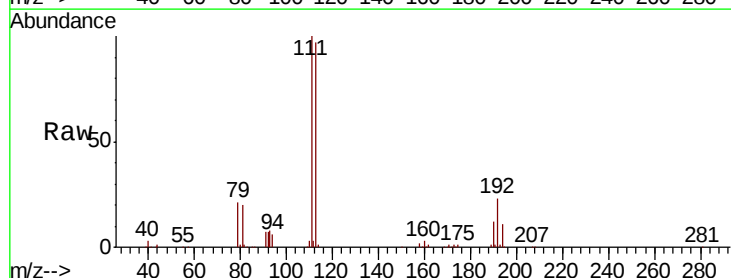


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

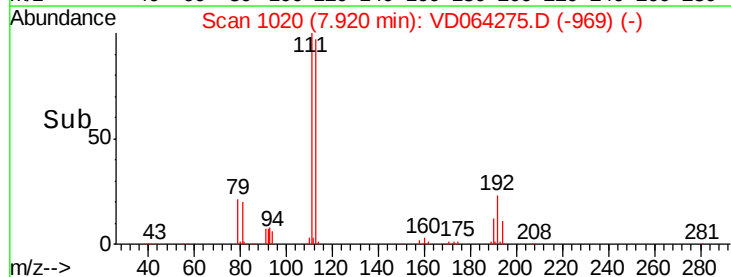
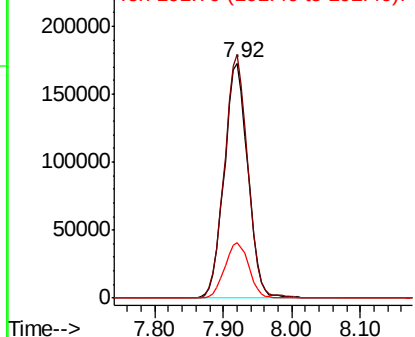


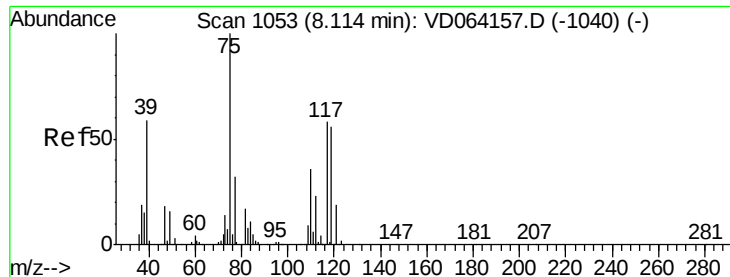
#35
 Dibromofluoromethane
 Concen: 51.609 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064275.D
 Acq: 18 Nov 2019 20:19

Tgt Ion:113 Resp: 413491
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 23.9 18.8 28.2



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

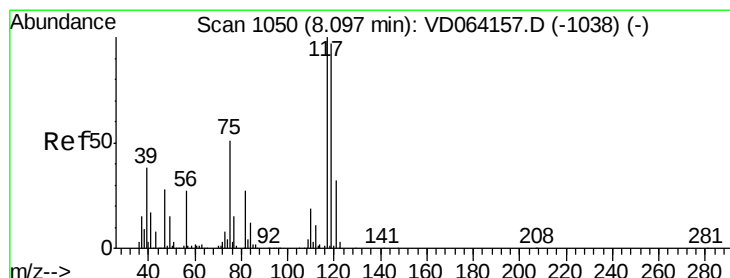
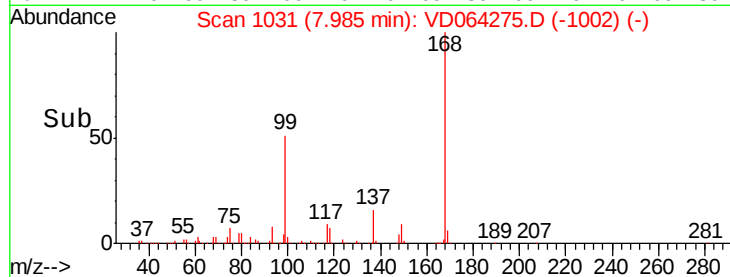
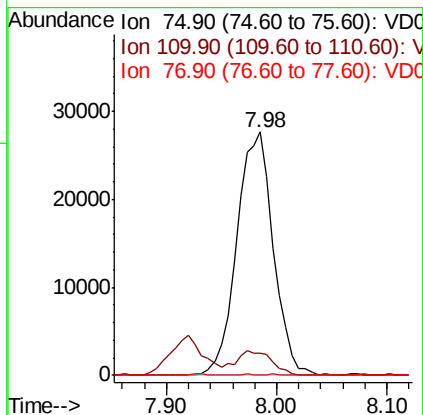
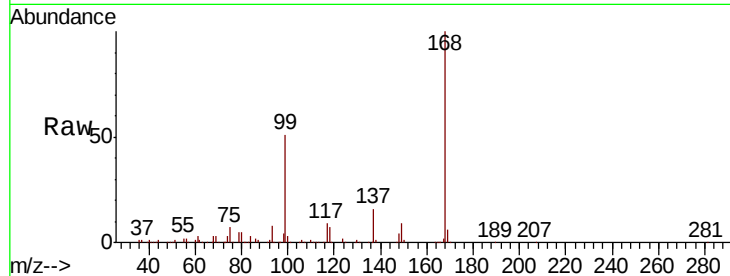




#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064275.D
 Acq: 18 Nov 2019 20:19

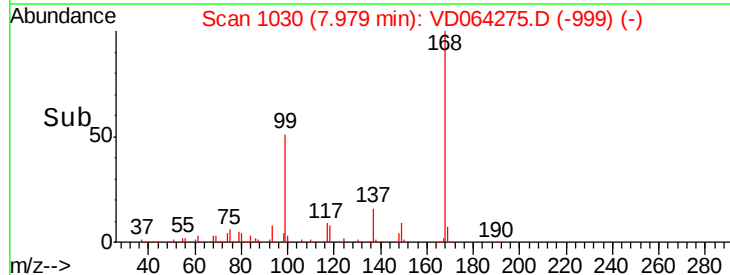
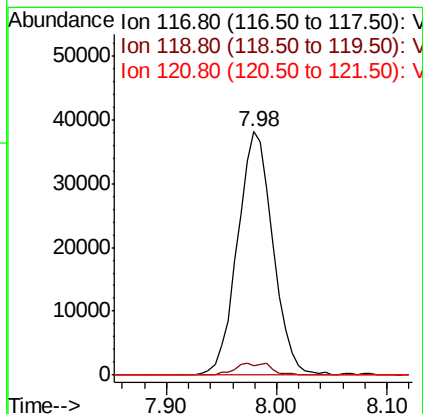
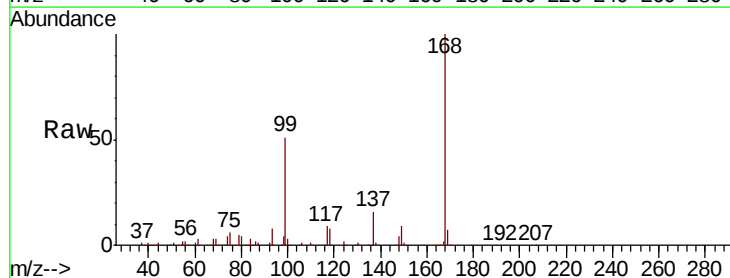
Instrument :
 MSVOA_D
 ClientSampleId :

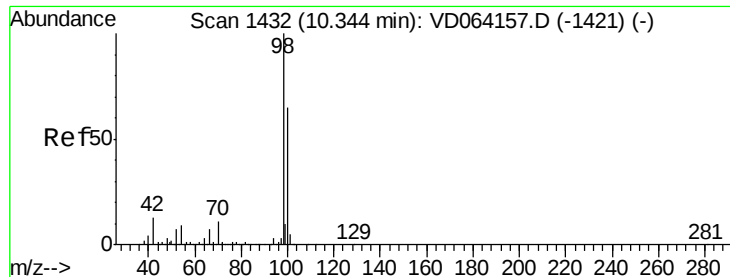
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.3	54.9#
77	0.1	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.224 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064275.D
 Acq: 18 Nov 2019 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.2	115.8#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 53.647 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064275.D

Acq: 18 Nov 2019 20:19

Instrument :

MSVOA_D

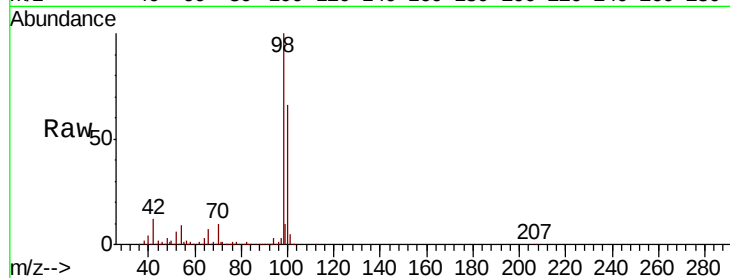
ClientSampled :

Tot Ion: 98 Resp: 1621473

Ion Ratio Lower Upper

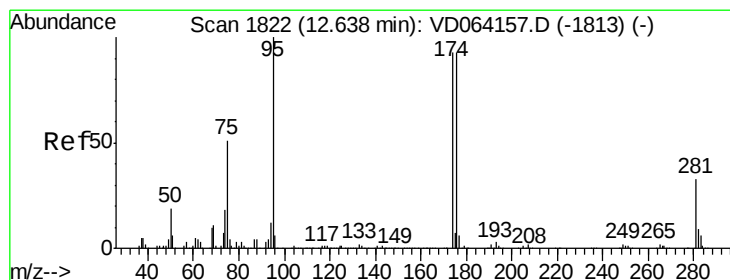
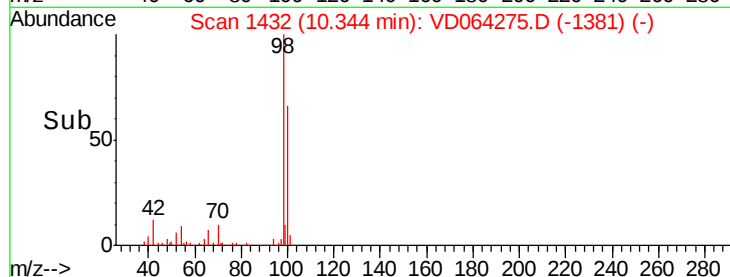
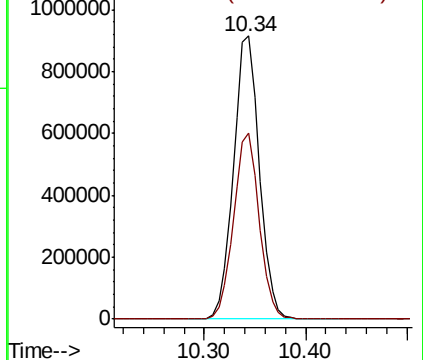
98 100

100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.322 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064275.D

Acq: 18 Nov 2019 20:19

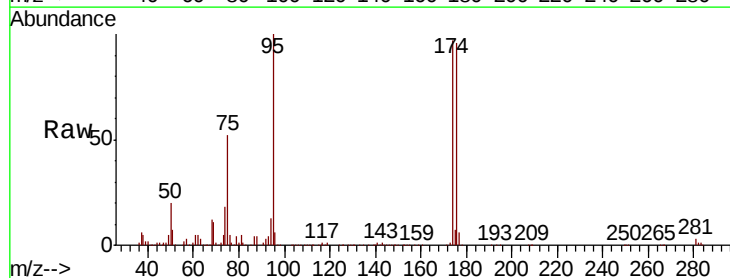
Tgt Ion: 95 Resp: 495316

Ion Ratio Lower Upper

95 100

174 96.3 0.0 183.6

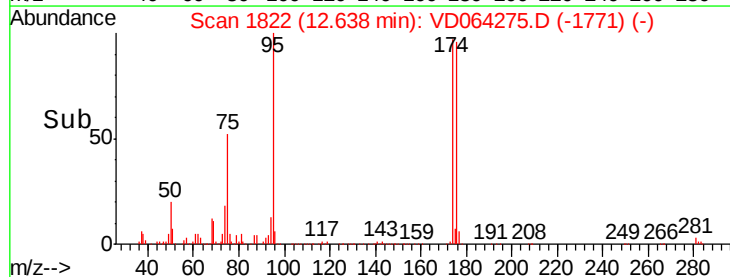
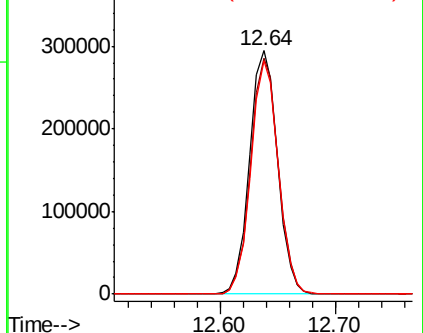
176 94.5 0.0 180.2

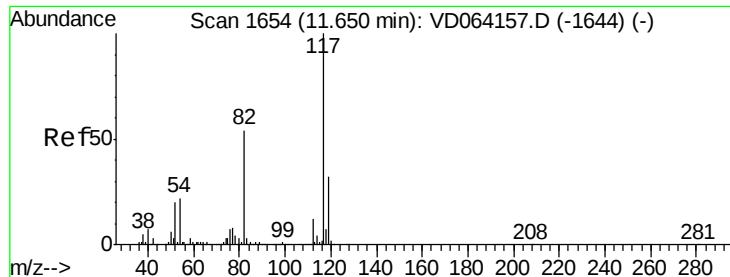


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

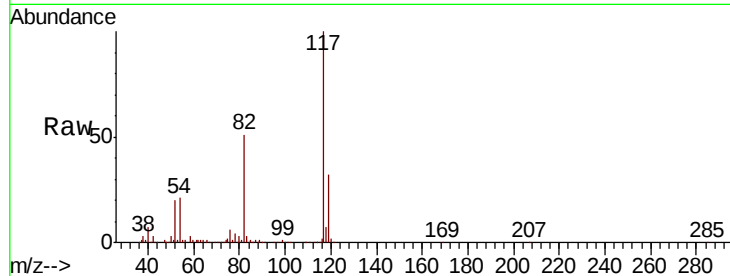




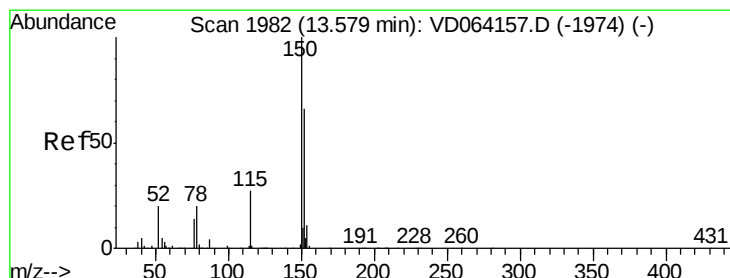
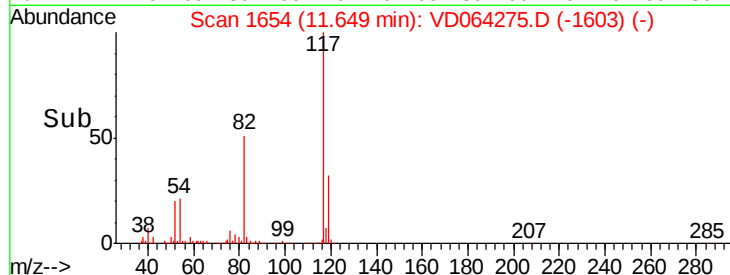
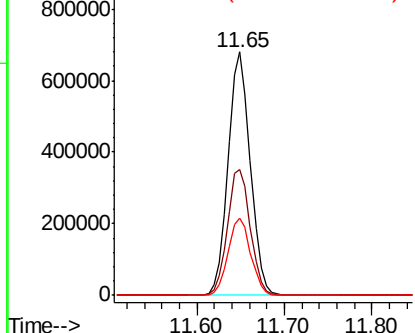
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064275.D
Acq: 18 Nov 2019 20:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1175567
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 31.7 25.6 38.4

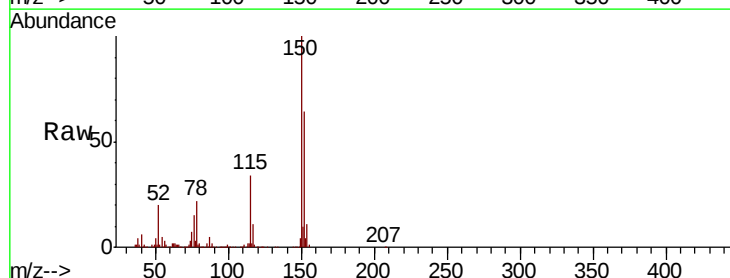


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

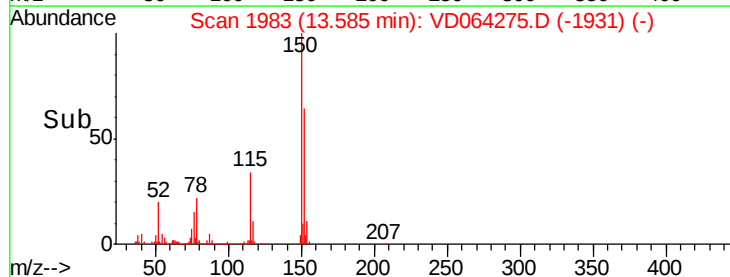
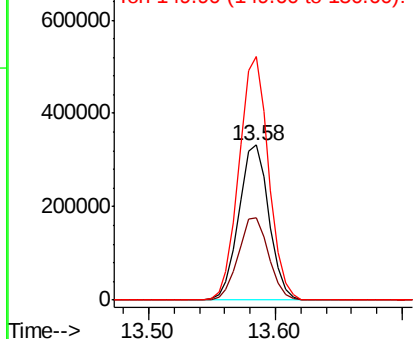


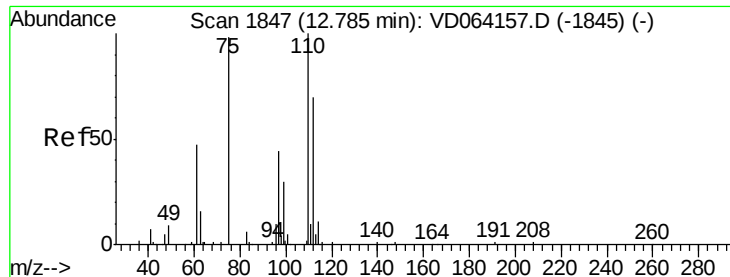
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064275.D
Acq: 18 Nov 2019 20:19

Tgt Ion:152 Resp: 545769
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 154.4 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 58.649 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064275.D

Acq: 18 Nov 2019 20:19

Instrument :

MSVOA_D

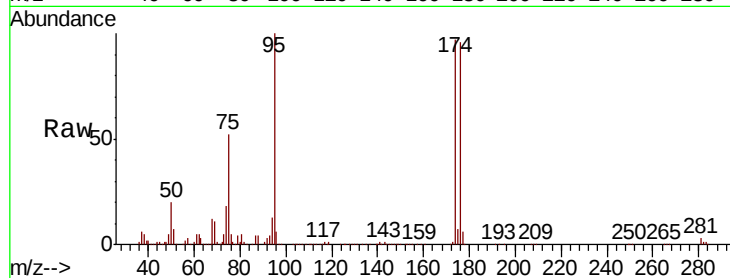
ClientSampleId :

Tot Ion: 75 Resp: 257821

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

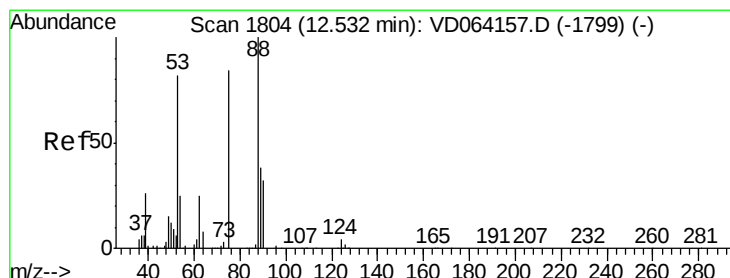
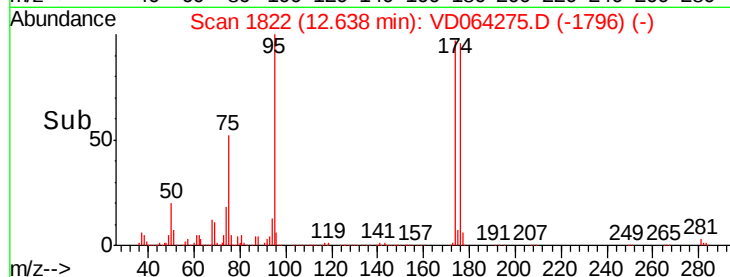
150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 116.500 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064275.D

Acq: 18 Nov 2019 20:19

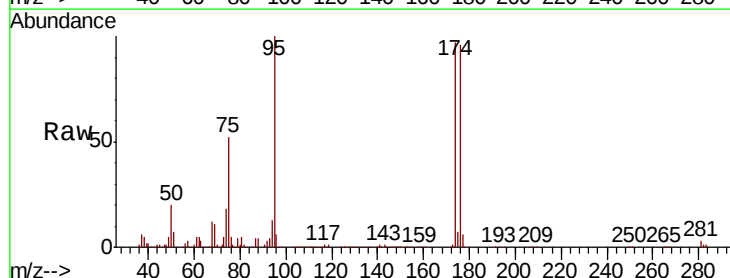
Tgt Ion: 75 Resp: 257821

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#



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

12.64

200000

150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70

