

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092619\
 Data File : VD063835.D
 Acq On : 26 Sep 2019 13:22
 Operator : VA/SY
 Sample : VD0926SBL01
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBL01

Quant Time: Sep 26 18:21:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	221739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	347998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	335286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	160981	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.36	65	107722	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.94	113	104871	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.36	98	439491	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.64	95	141094	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

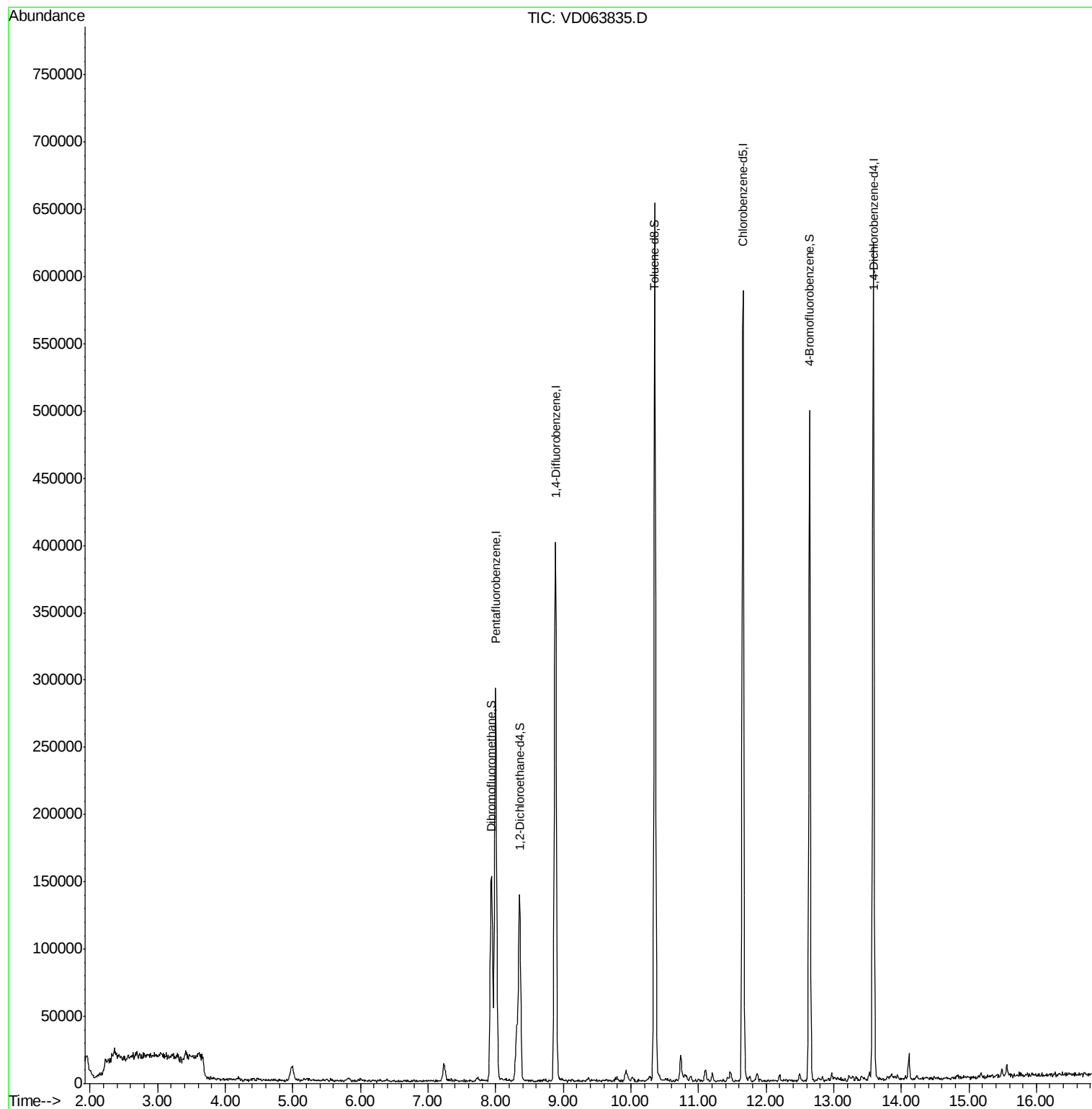
Target Compounds	Qvalue

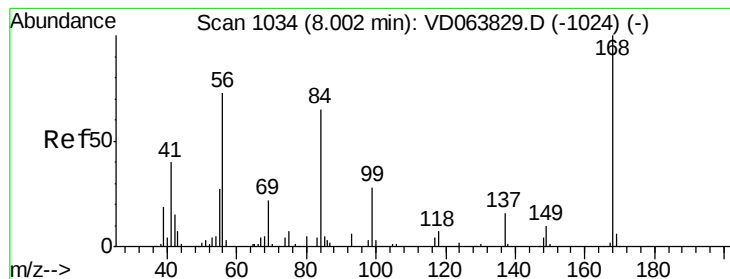
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.00 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

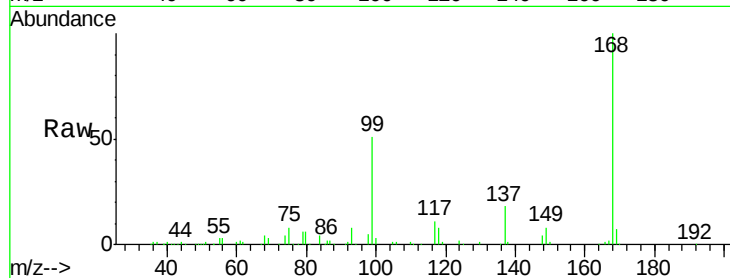
VD0926SBL01

Tot Ion:168 Resp: 221739

Ion Ratio Lower Upper

168 100

99 51.1 41.2 61.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

8.00

100000

80000

60000

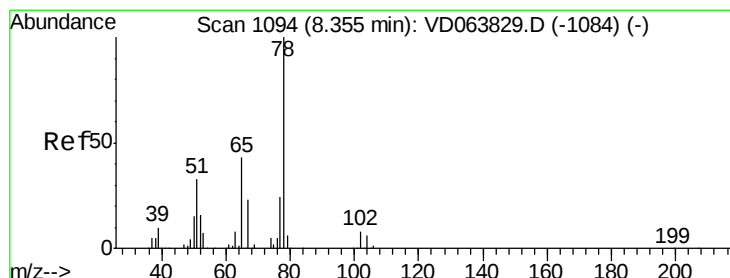
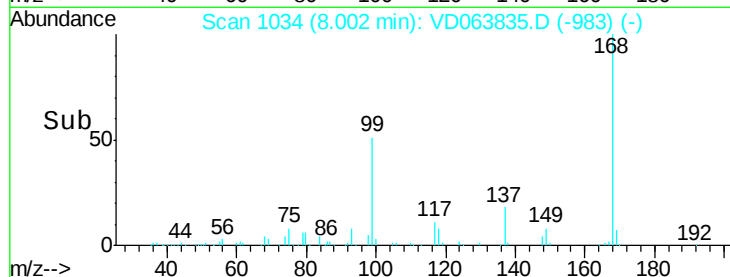
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.593 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VD063835.D

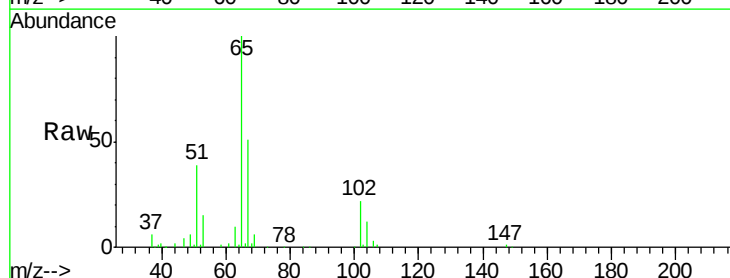
Acq: 26 Sep 2019 13:22

Tgt Ion: 65 Resp: 107722

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.36

50000

40000

30000

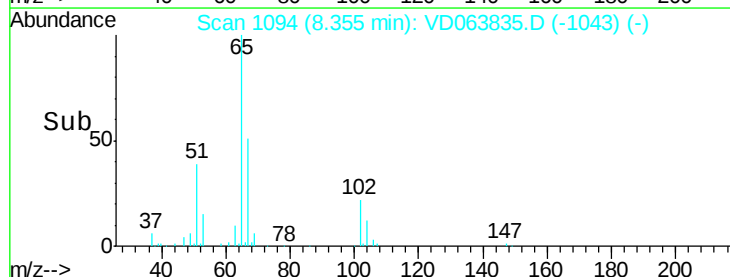
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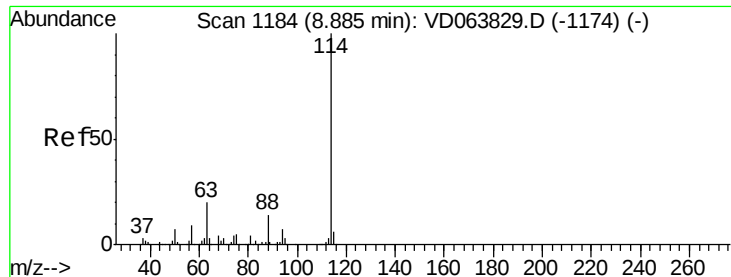
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0

Time-->

8.25 8.30 8.35 8.40 8.45

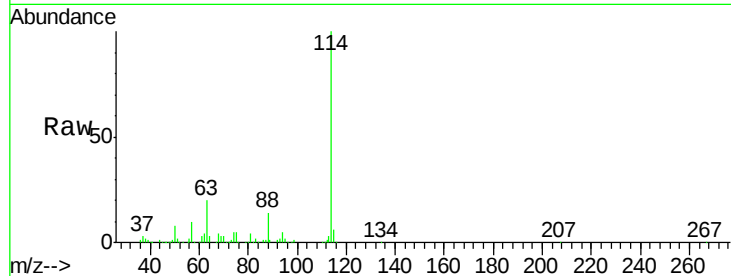




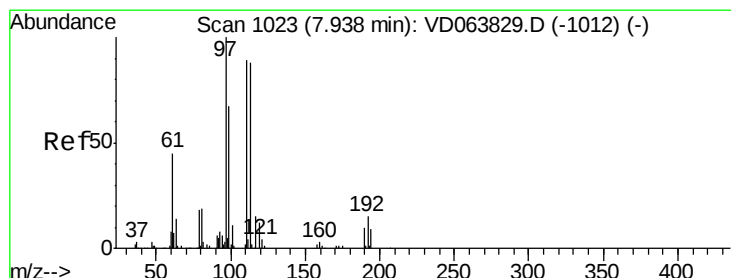
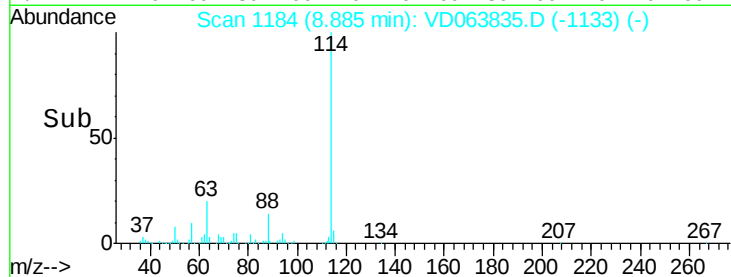
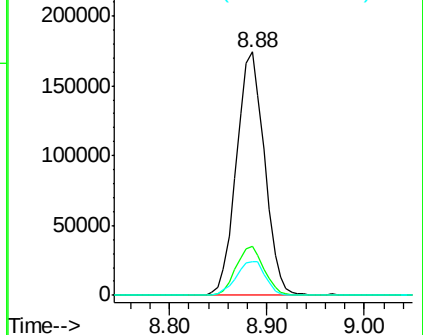
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.88 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	13.6	0.0	28.4

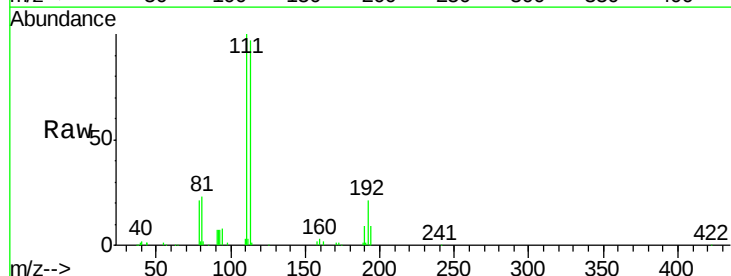


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

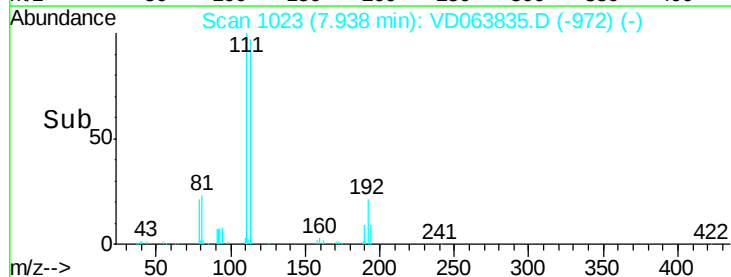
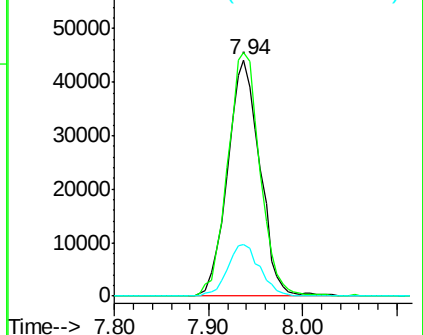


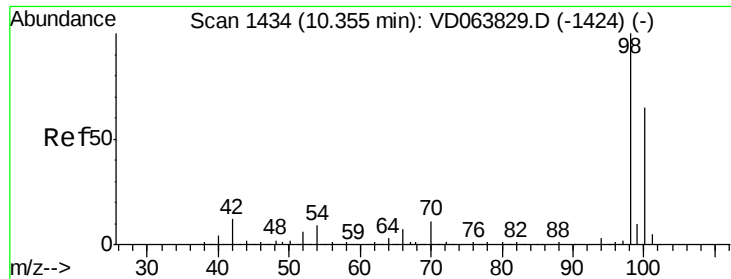
#35
 Dibromofluoromethane
 Concen: 47.472 ug/l
 RT: 7.94 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	77.7	116.5
192	21.8	15.9	23.9



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: 52.851 ug/l

RT: 10.36 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

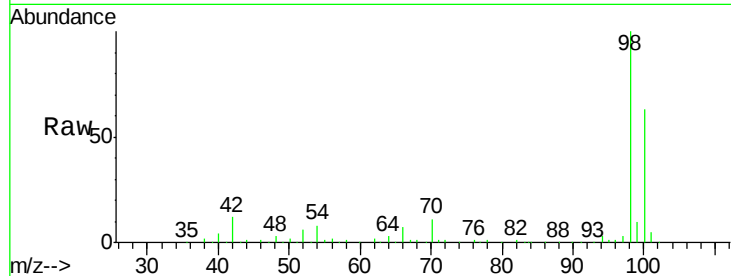
VD0926SBL01

Tot Ion: 98 Resp: 439491

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.36

250000

200000

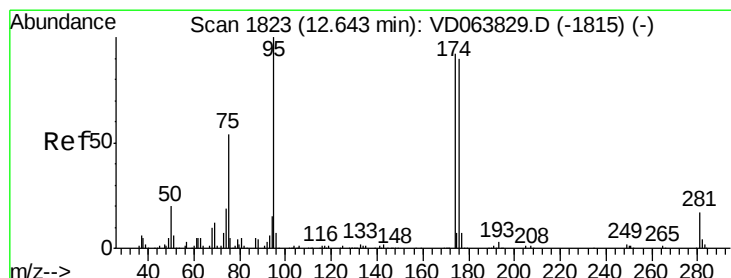
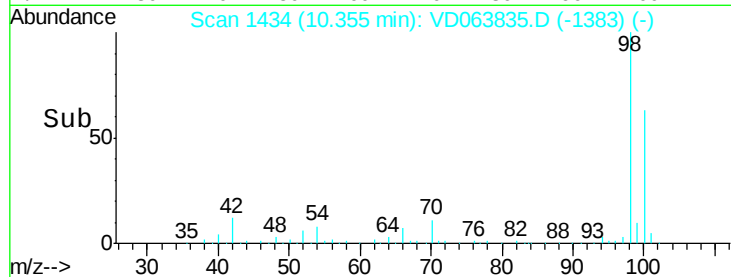
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.280 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

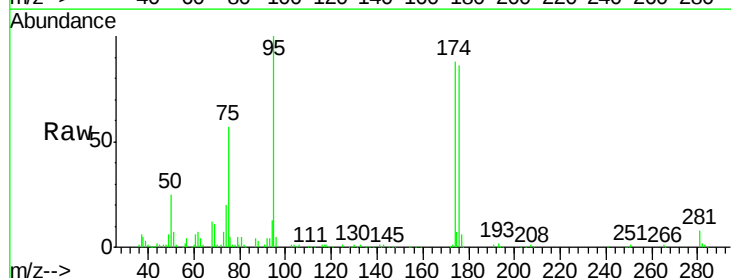
Tgt Ion: 95 Resp: 141094

Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.2

176 89.5 0.0 177.4



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

12.64

120000

100000

80000

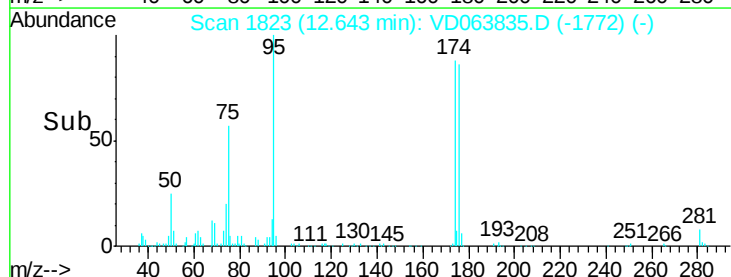
60000

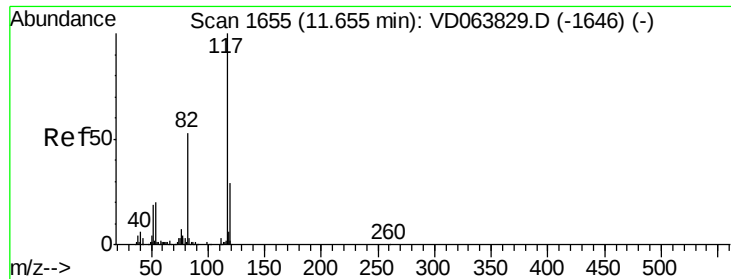
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20000

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Time-->

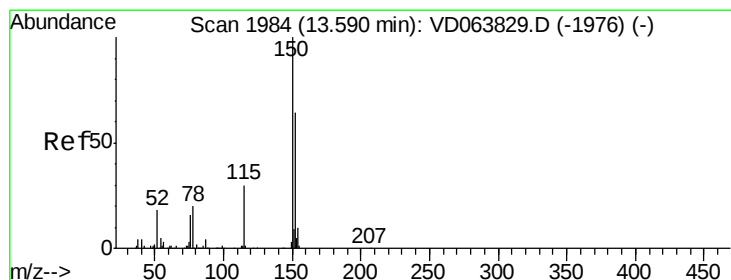
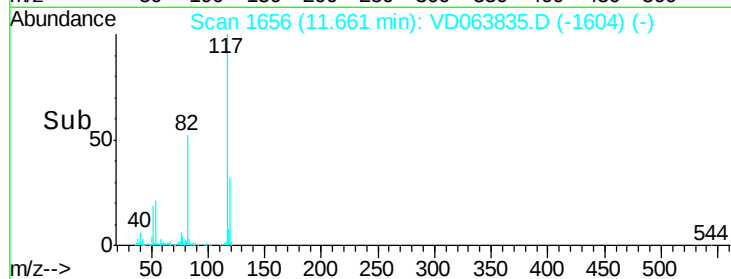
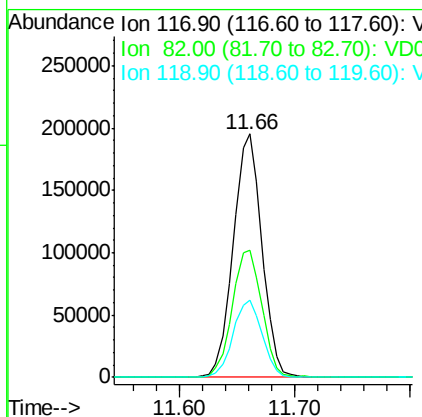
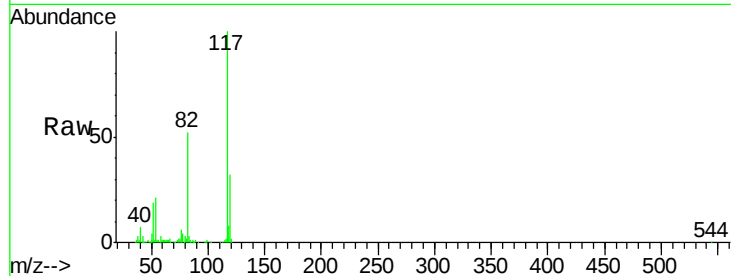




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1656
Delta R.T. 0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.4	63.6
119	31.6	23.5	35.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.0	81.0
150	160.9	0.0	344.0

