

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064417.D
 Acq On : 04 Dec 2019 15:21
 Operator : VA/SY
 Sample : K6119-04
 Misc : 4.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(7-9)

Quant Time: Dec 05 07:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	552914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	883507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	820432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	399219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	265862	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	7.92	113	277606	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.34	98	1058161	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.64	95	354469	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

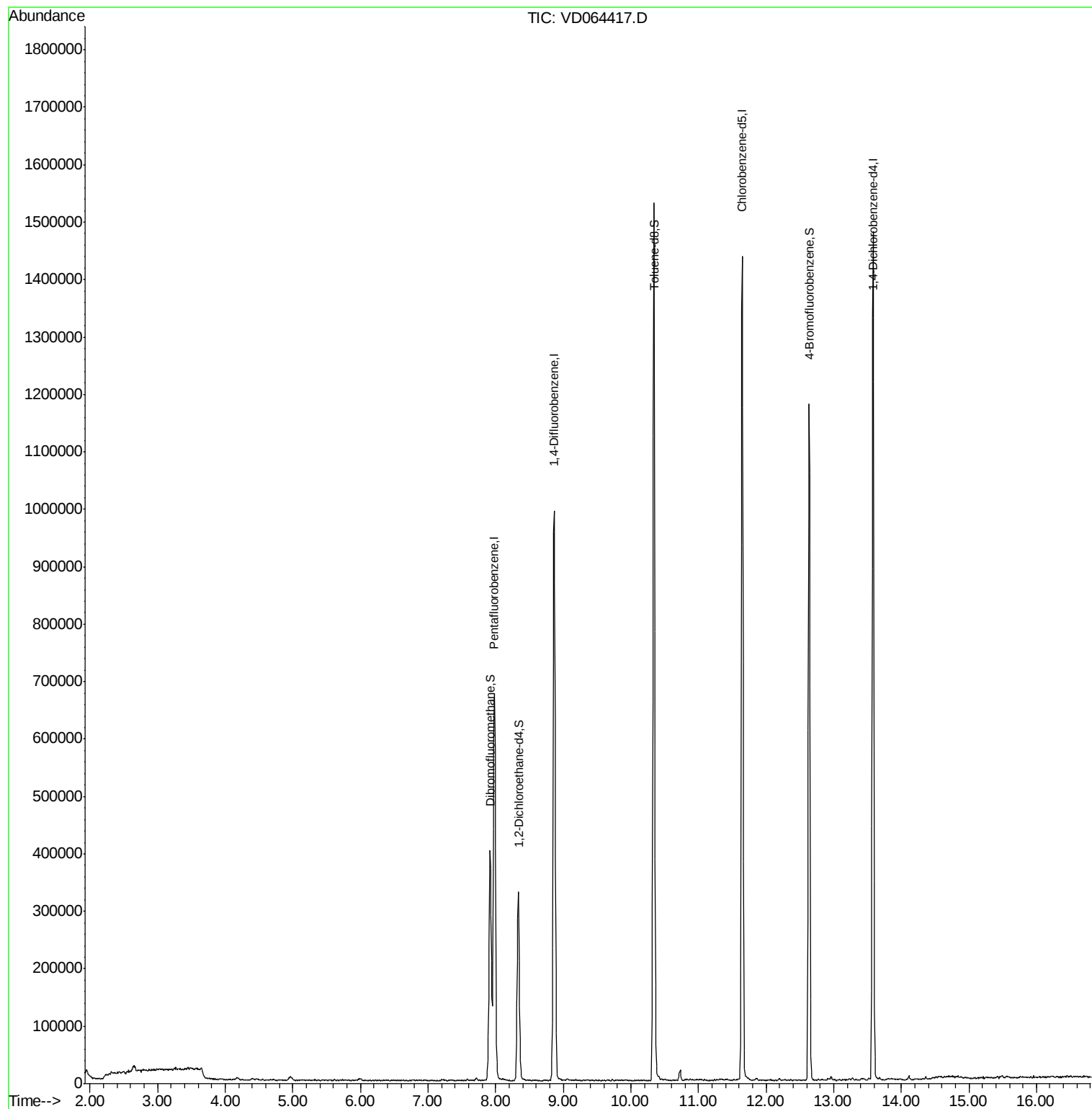
Target Compounds	Qvalue
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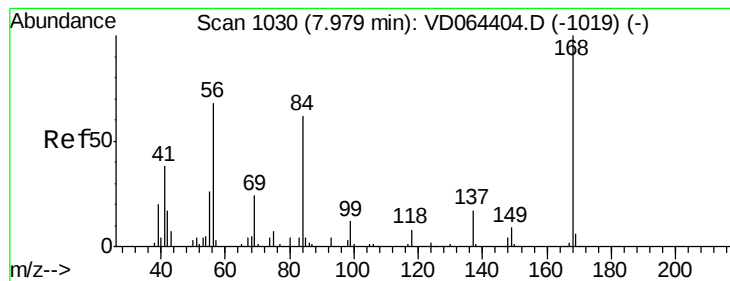
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
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: VD064417.D

Acq: 04 Dec 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

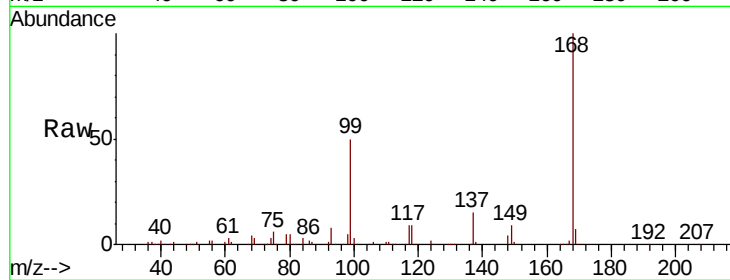
SB-6-(7-9)

Tot Ion:168 Resp: 552914

Ion Ratio Lower Upper

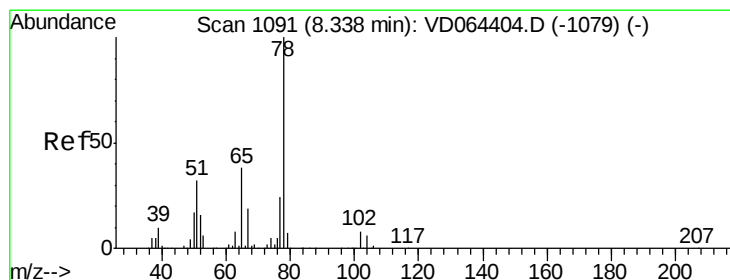
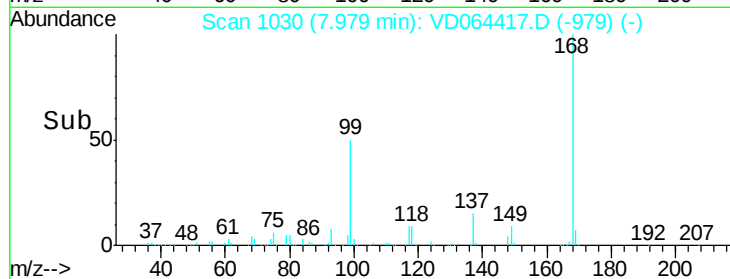
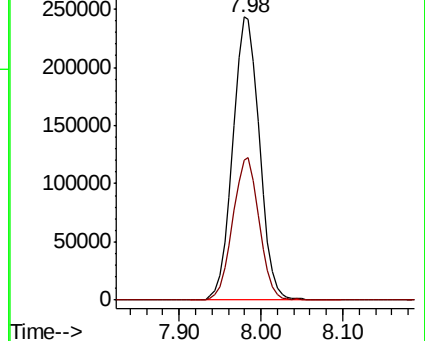
168 100

99 49.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.123 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064417.D

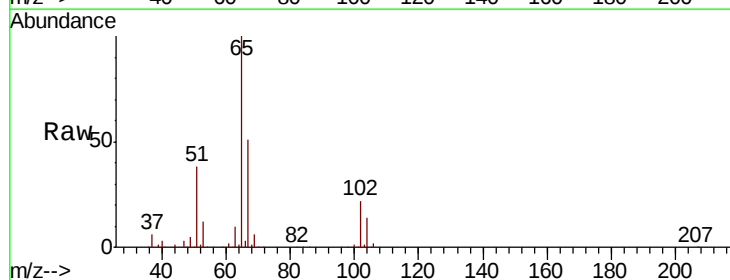
Acq: 04 Dec 2019 15:21

Tgt Ion: 65 Resp: 265862

Ion Ratio Lower Upper

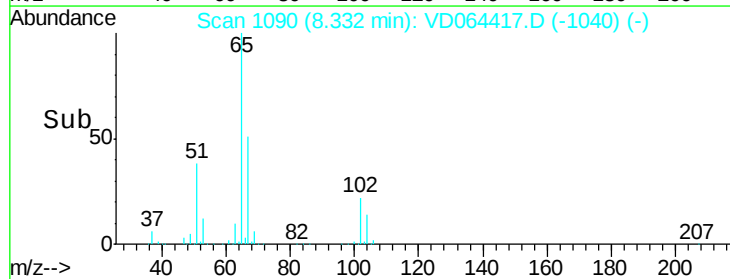
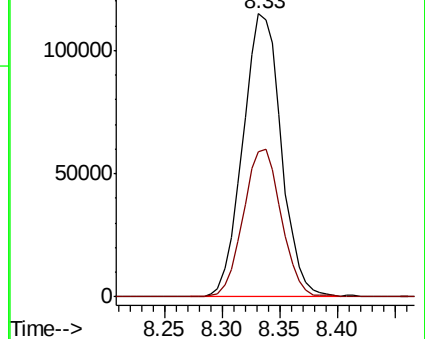
65 100

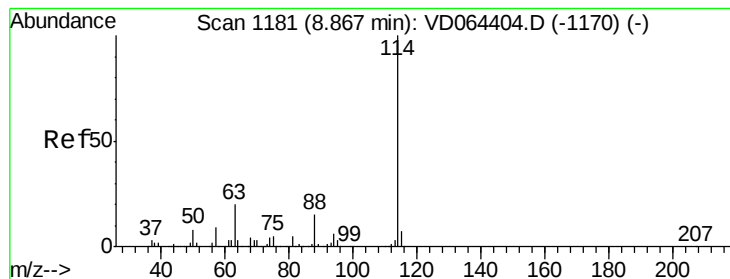
67 51.7 0.0 102.0



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: VD064417.D

Acq: 04 Dec 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

SB-6-(7-9)

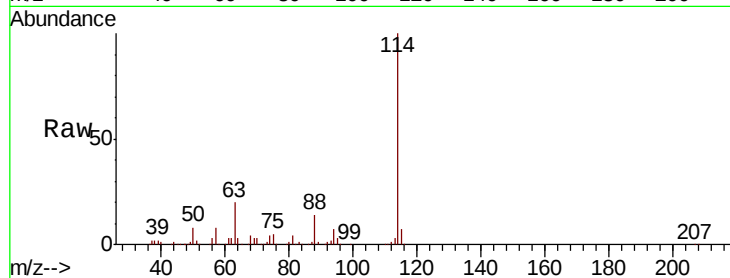
Tot Ion:114 Resp: 883507

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

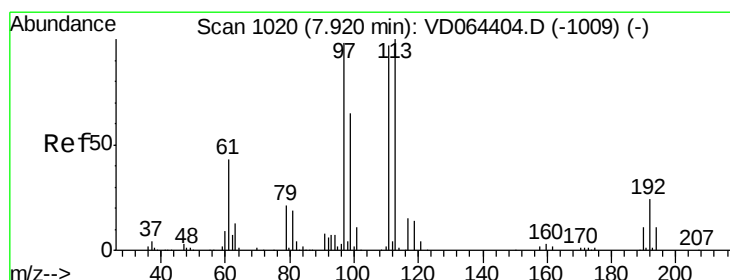
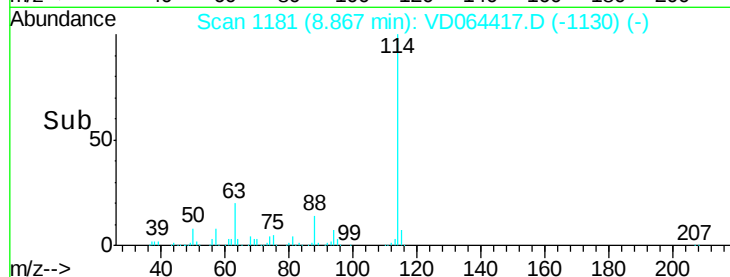
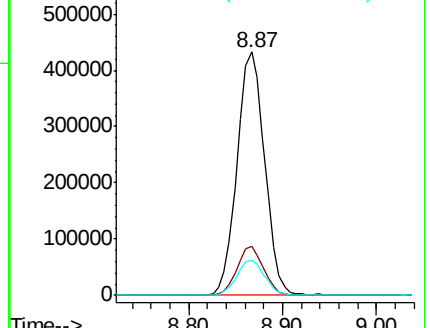
88 14.2 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 49.870 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064417.D

Acq: 04 Dec 2019 15:21

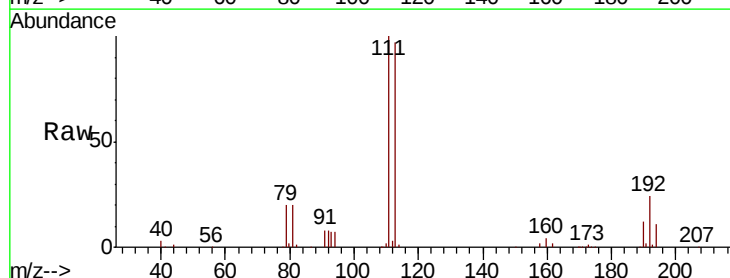
Tgt Ion:113 Resp: 277606

Ion Ratio Lower Upper

113 100

111 103.6 79.4 119.2

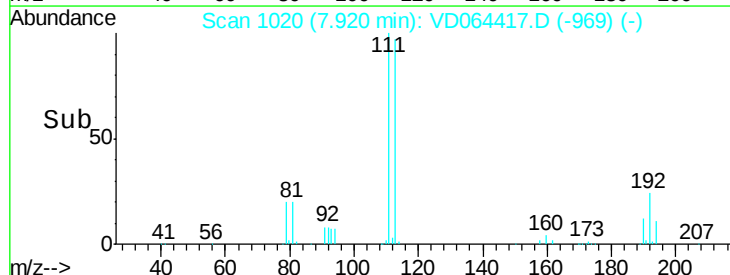
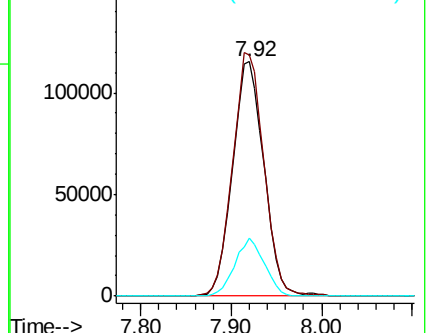
192 23.4 18.6 28.0



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: 50.464 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064417.D

Acq: 04 Dec 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

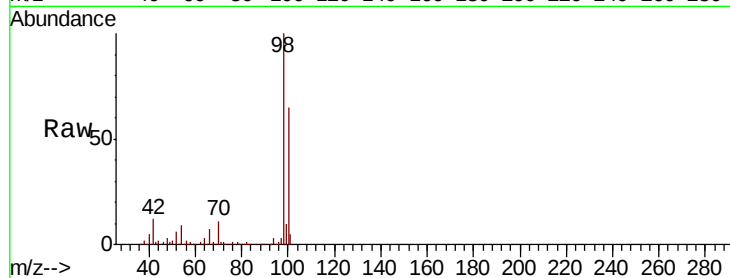
SB-6-(7-9)

Tot Ion: 98 Resp: 1058161

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

600000

400000

200000

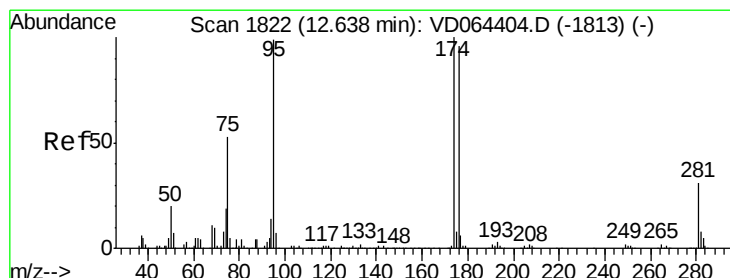
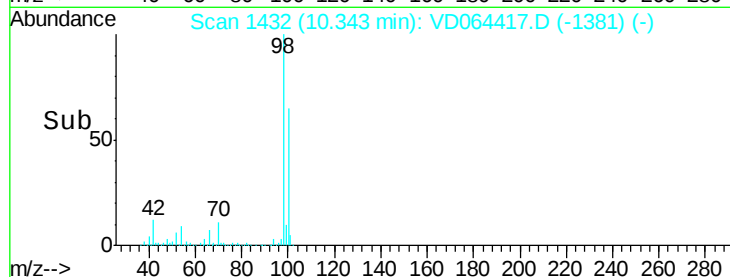
0

10.34

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 52.602 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064417.D

Acq: 04 Dec 2019 15:21

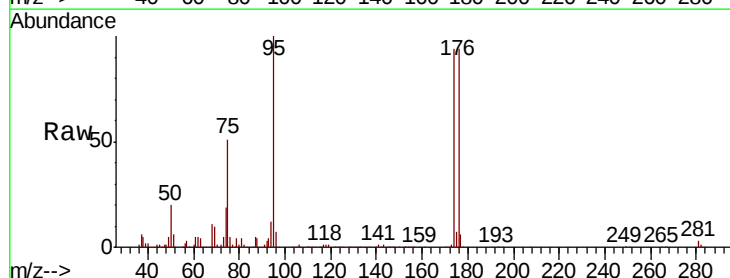
Tgt Ion: 95 Resp: 354469

Ion Ratio Lower Upper

95 100

174 95.2 0.0 197.2

176 93.4 0.0 189.6



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

300000

250000

200000

150000

100000

50000

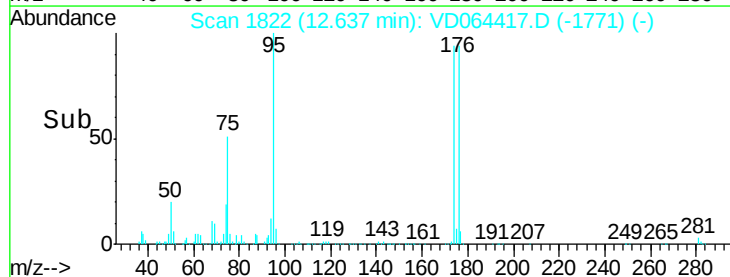
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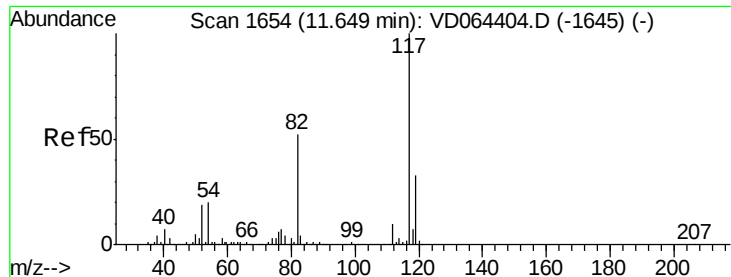
12.64

12.60

12.70

Time-->

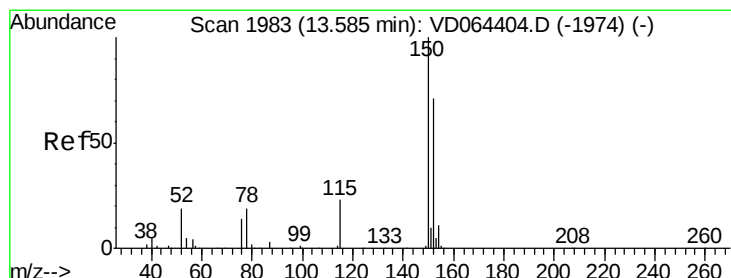
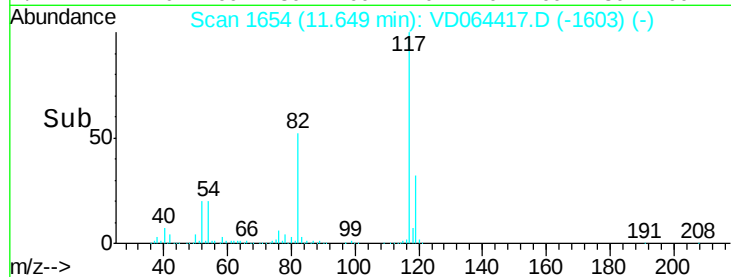
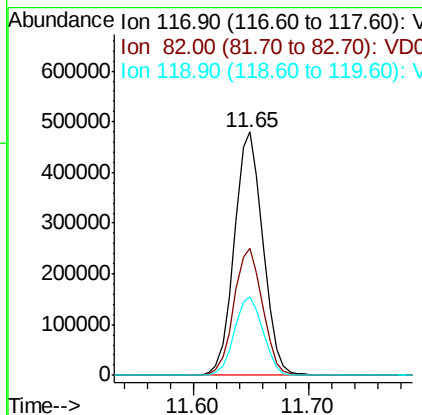
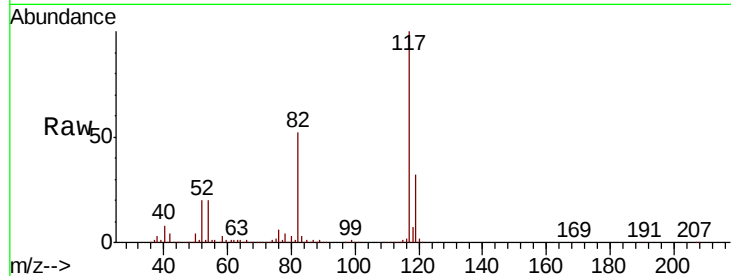




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064417.D
Acq: 04 Dec 2019 15:21

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(7-9)

Tot Ion:117 Resp: 820432
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064417.D
Acq: 04 Dec 2019 15:21

Tgt Ion:152 Resp: 399219
Ion Ratio Lower Upper
152 100
115 55.2 26.7 80.1
150 157.6 0.0 347.2

