

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066236.D
 Acq On : 14 Aug 2020 15:03
 Operator : VA/SY
 Sample : L3679-06
 Misc : 8.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S415-K-SO-2-2.5-081220

Quant Time: Aug 17 09:13:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	327888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	520978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	621459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130261	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	7.91	113	154789	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	10.34	98	637453	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.63	95	309088	70.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.82%	

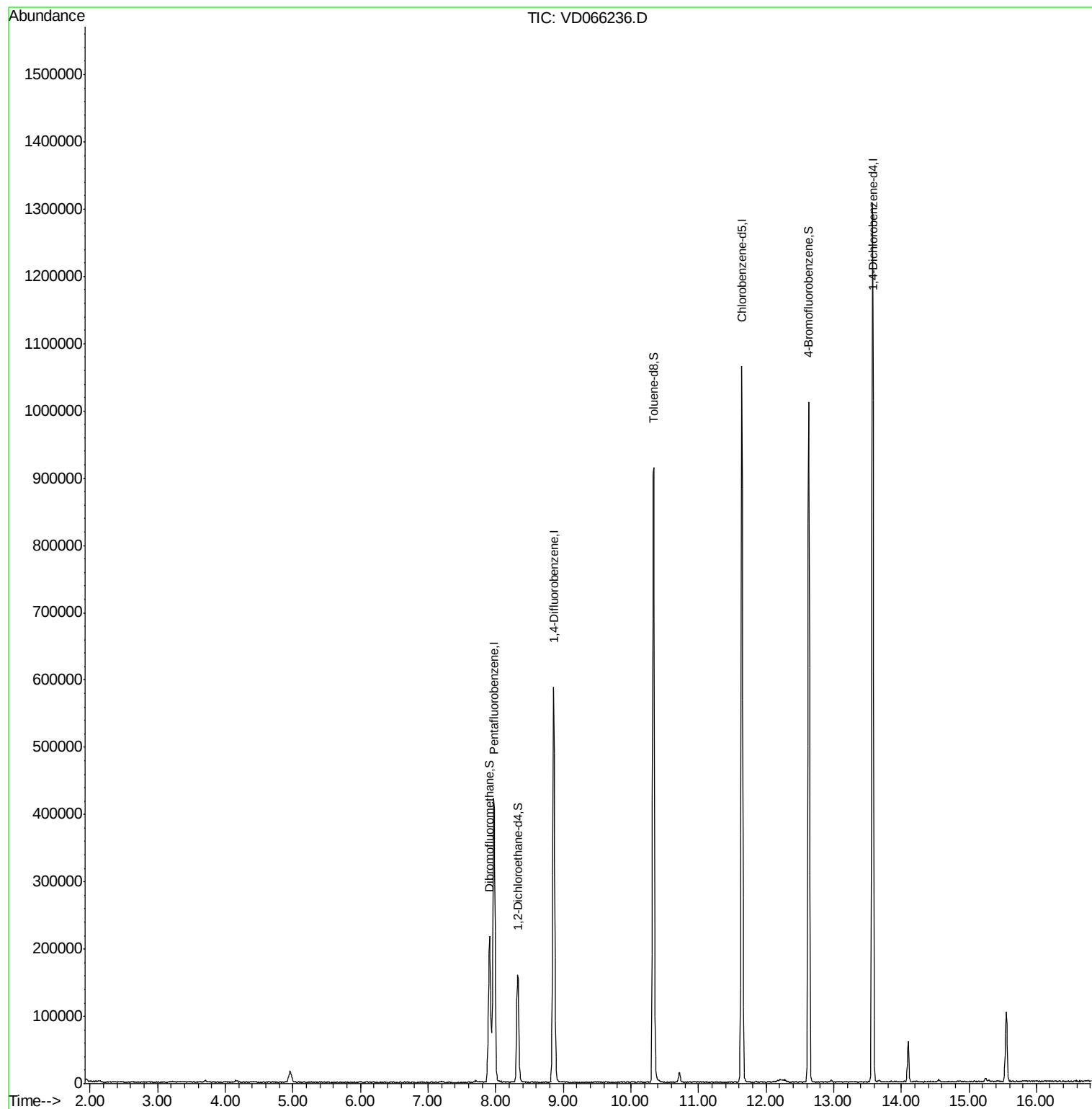
Target Compounds	Qvalue

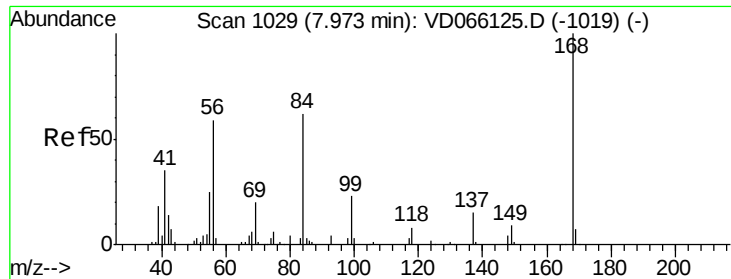
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081420\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066236.D

Acq: 14 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

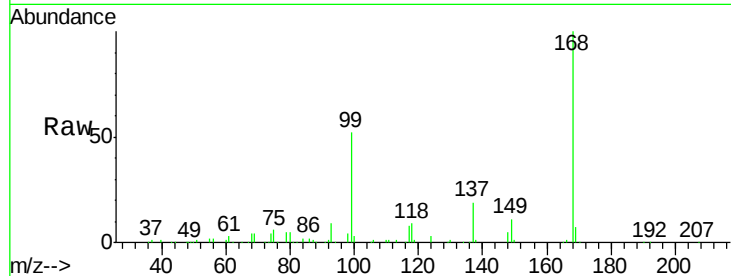
S415-K-SO-2-2.5-081220

Tot Ion:168 Resp: 327888

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

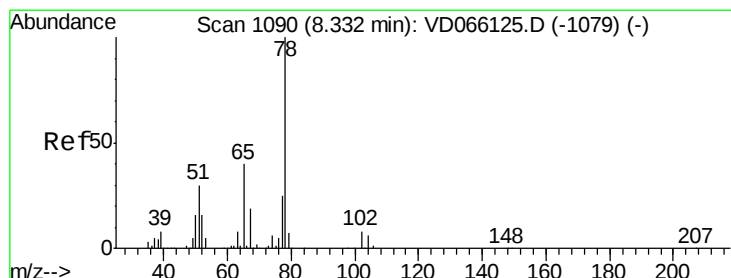
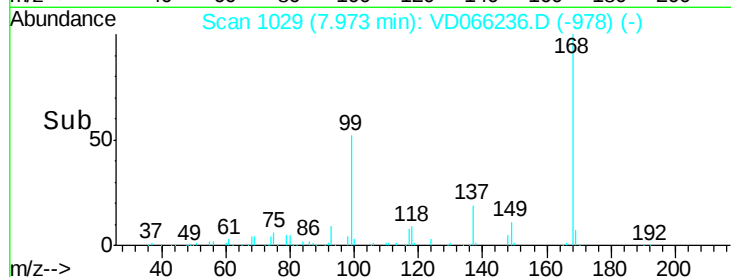
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.530 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066236.D

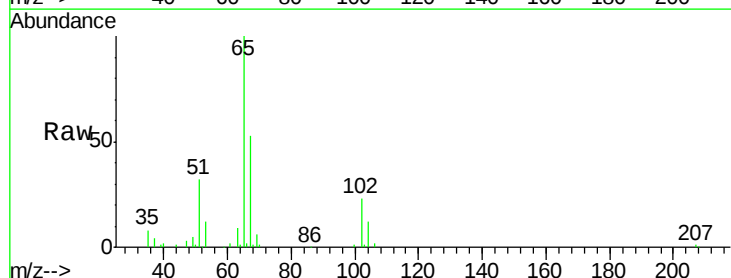
Acq: 14 Aug 2020 15:03

Tgt Ion: 65 Resp: 130261

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

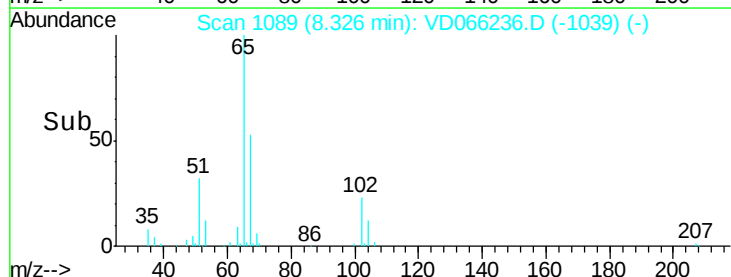
60000

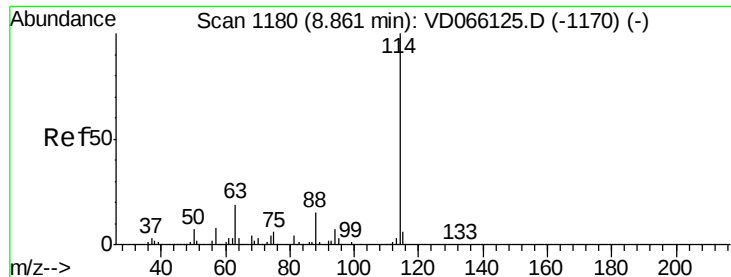
40000

20000

0

Time-->

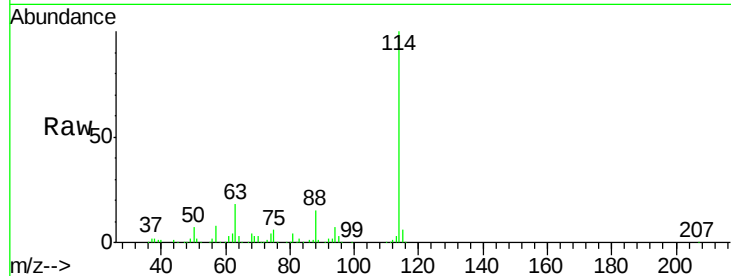




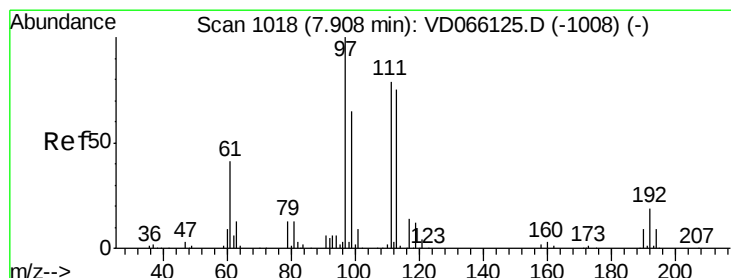
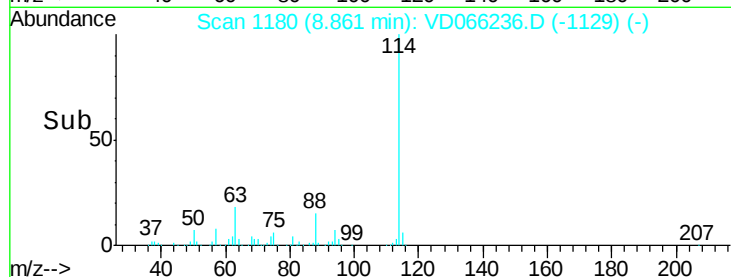
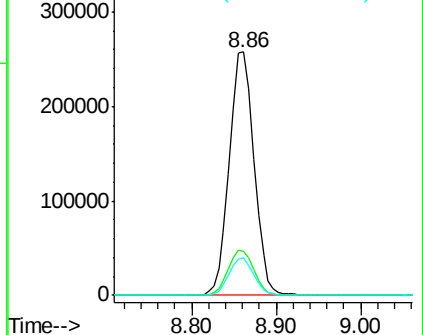
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066236.D
 Acq: 14 Aug 2020 15:03

Instrument :
 MSVOA_D
 ClientSampleId :
 S415-K-SO-2-2.5-081220

Tot Ion:114 Resp: 520978
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.6
 88 15.2 0.0 30.0

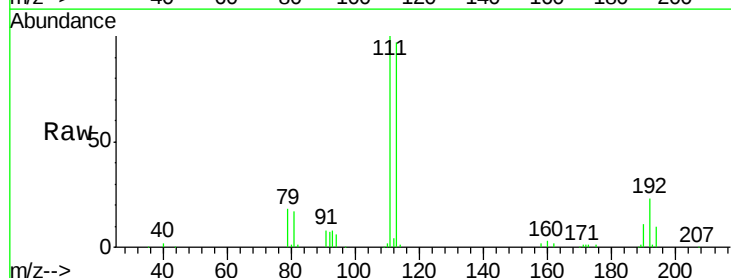


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

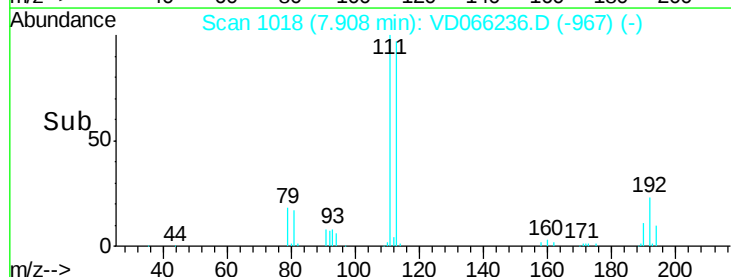
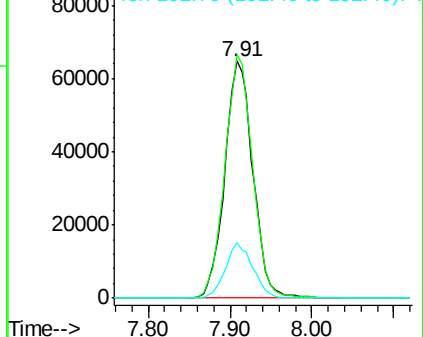


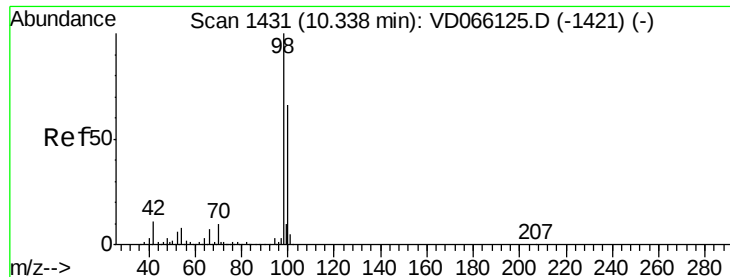
#35
 Dibromofluoromethane
 Concen: 46.901 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066236.D
 Acq: 14 Aug 2020 15:03

Tgt Ion:113 Resp: 154789
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 22.6 18.4 27.6



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: 52.340 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066236.D

Acq: 14 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

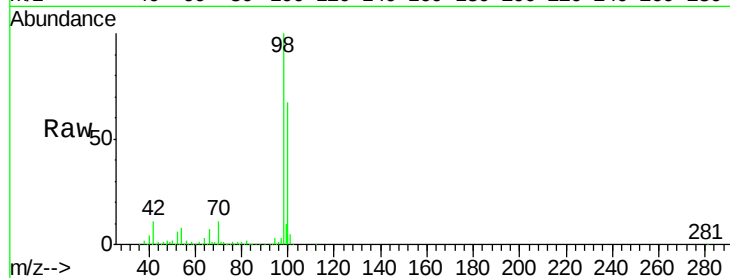
S415-K-SO-2-2.5-081220

Tot Ion: 98 Resp: 637453

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

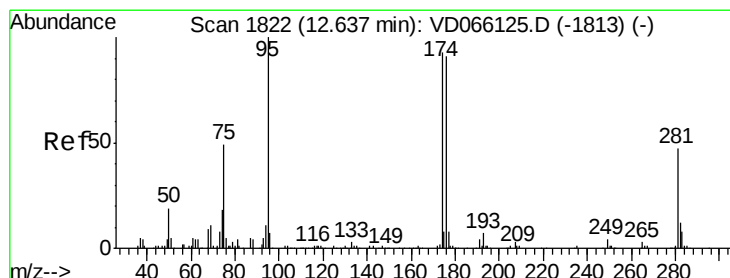
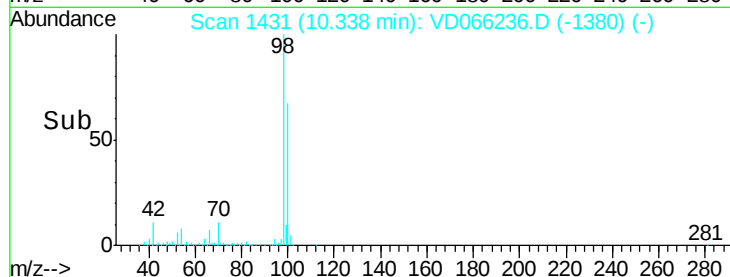
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 70.406 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066236.D

Acq: 14 Aug 2020 15:03

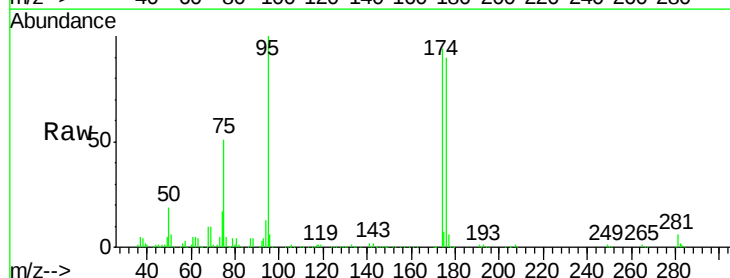
Tgt Ion: 95 Resp: 309088

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.8

176 88.5 0.0 181.2



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

12.63

200000

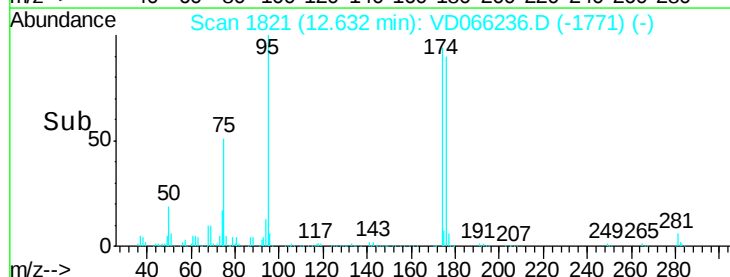
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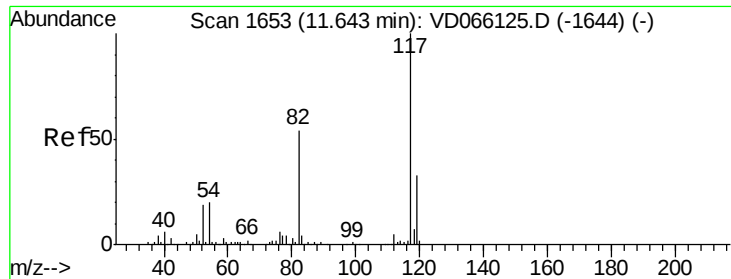
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

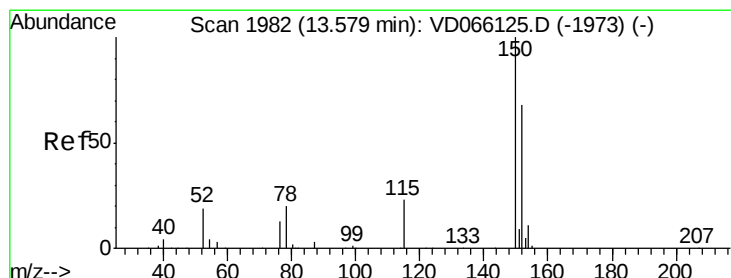
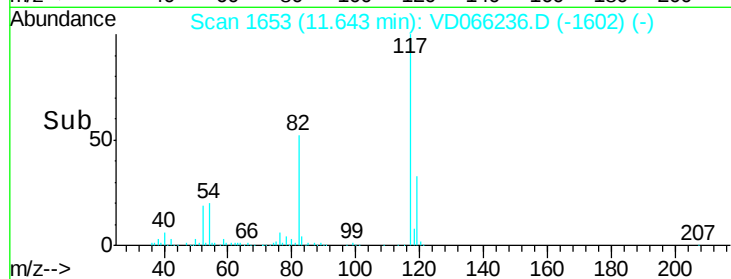
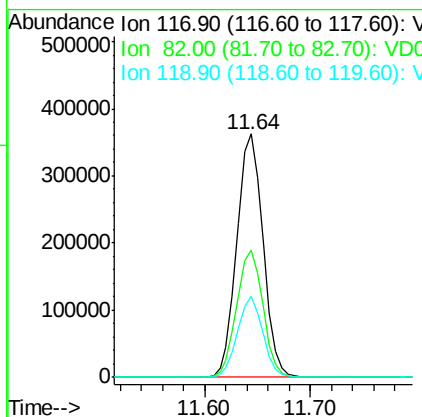
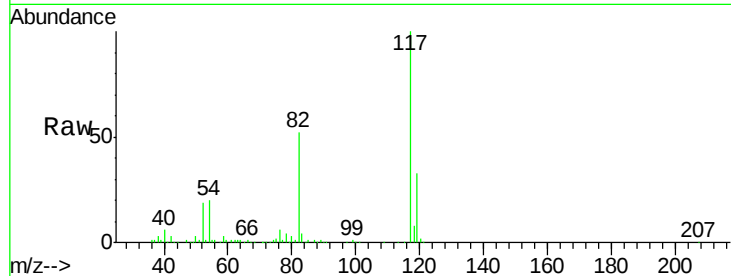




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066236.D
Acq: 14 Aug 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
S415-K-SO-2-2.5-081220

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	33.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066236.D
Acq: 14 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	83.9
150	158.0	0.0	346.4

