

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066592.D
 Acq On : 09 Sep 2020 19:22
 Operator : VA/SY
 Sample : L3919-13
 Misc : 6.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14

Quant Time: Sep 10 02:29:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	326829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	625185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	592936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255237	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	238626	60.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.70%	
35) Dibromofluoromethane	7.91	113	224275	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	10.34	98	789684	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.63	95	255677	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

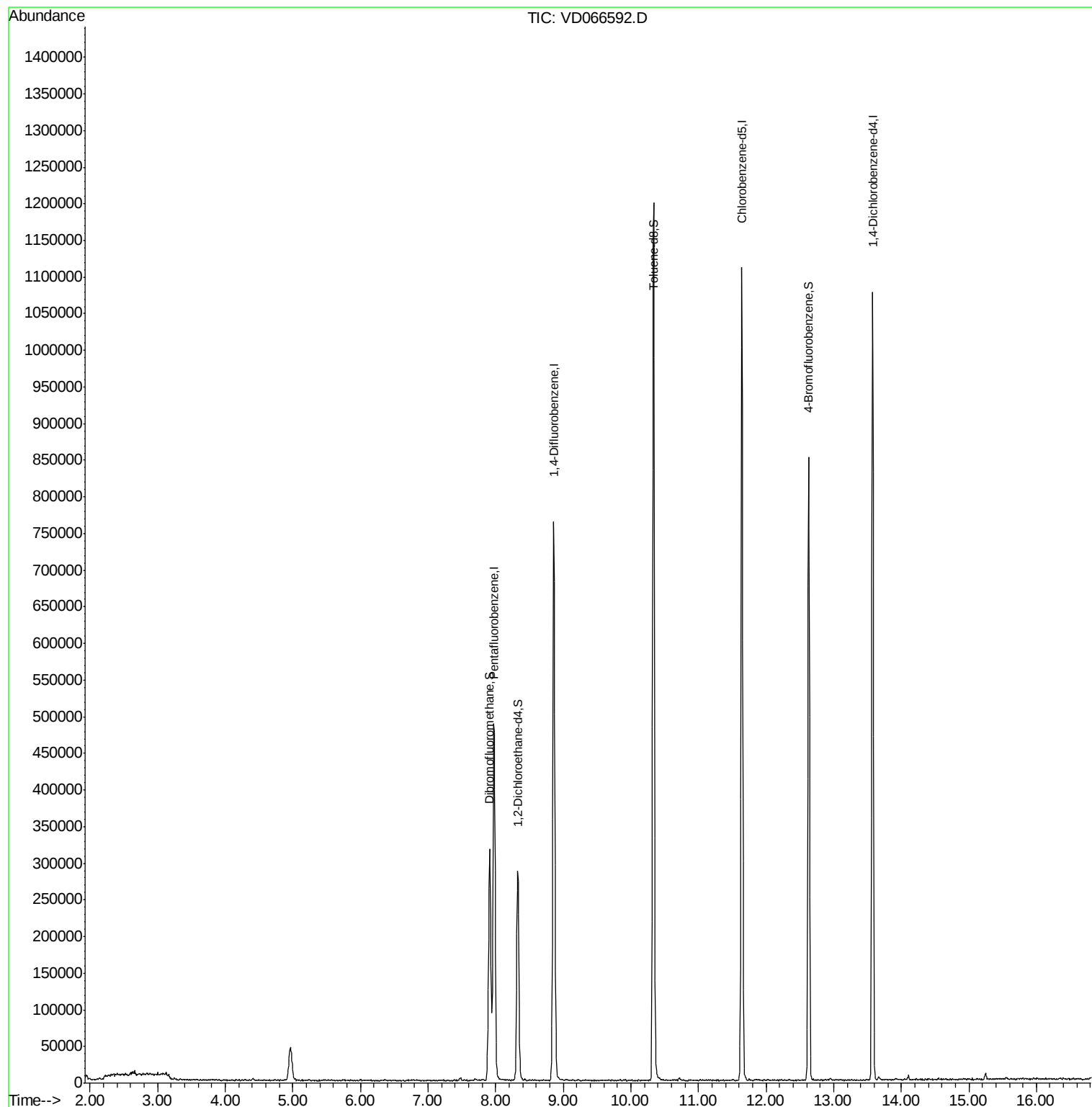
Target Compounds	Qvalue

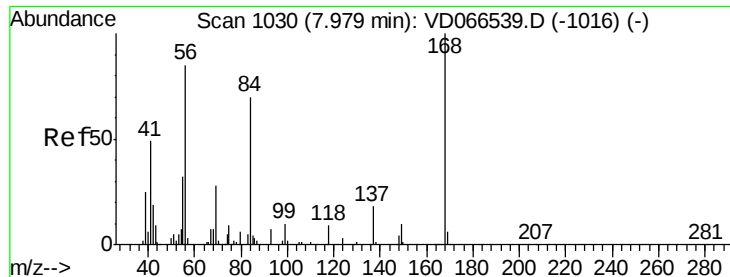
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066592.D

Acq: 09 Sep 2020 19:22

Instrument :

MSVOA_D

ClientSampleId :

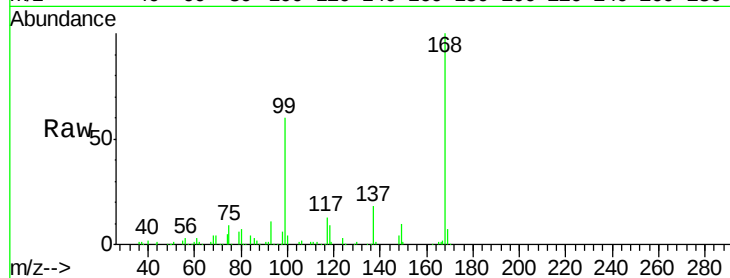
TP-14

Tot Ion:168 Resp: 326829

Ion Ratio Lower Upper

168 100

99 59.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

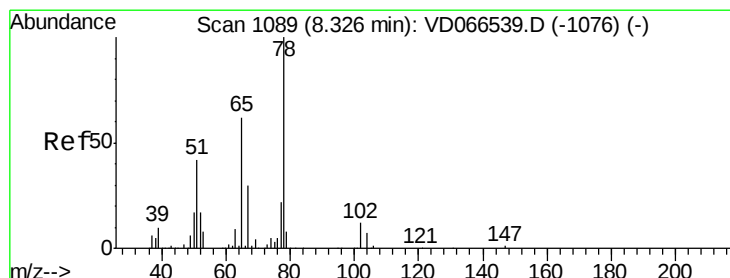
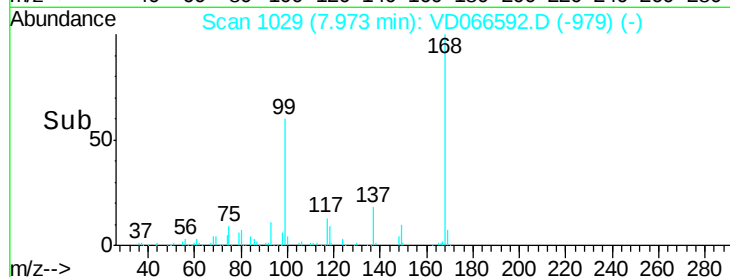
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.346 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066592.D

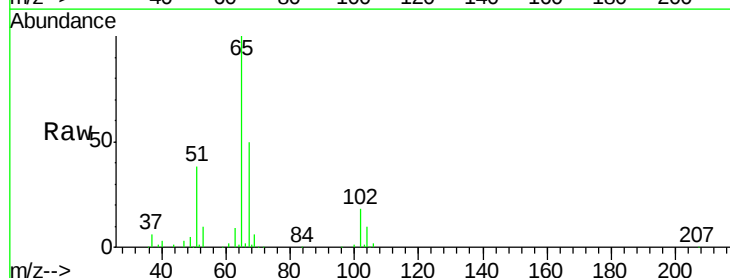
Acq: 09 Sep 2020 19:22

Tgt Ion: 65 Resp: 238626

Ion Ratio Lower Upper

65 100

67 49.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

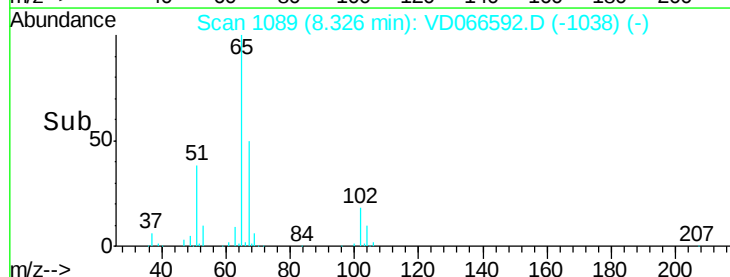
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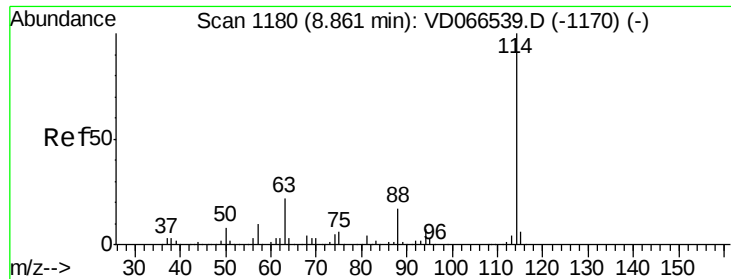
40000

20000

0

Time-->

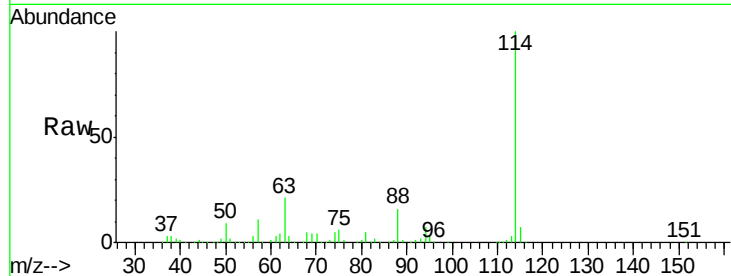




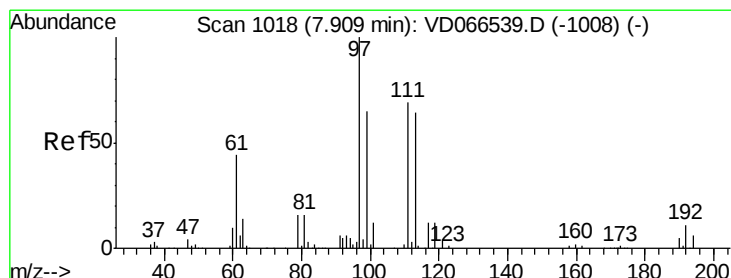
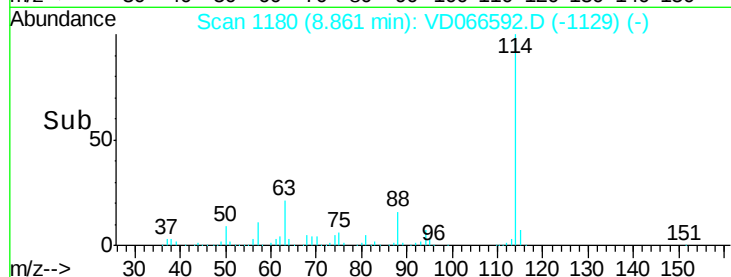
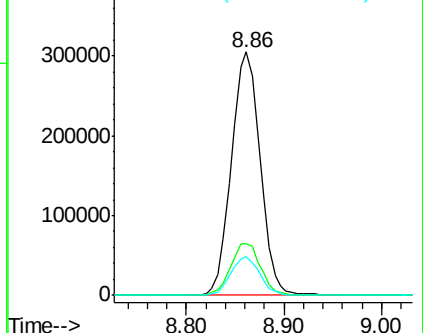
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066592.D
Acq: 09 Sep 2020 19:22

Instrument :
MSVOA_D
ClientSampleId :
TP-14

Tot Ion:114 Resp: 625185
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.9 0.0 33.2

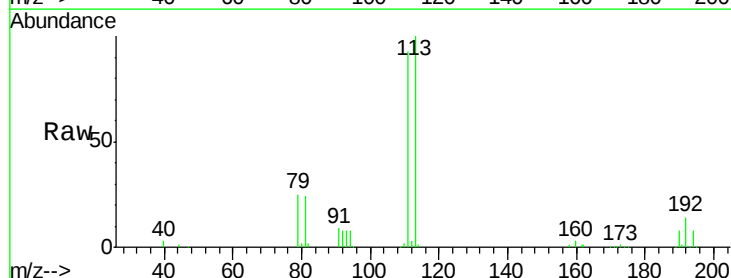


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

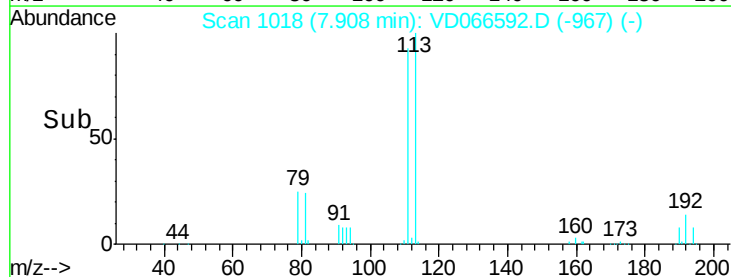
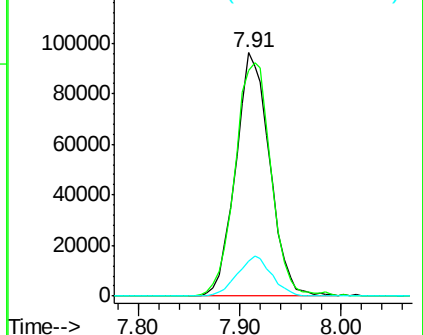


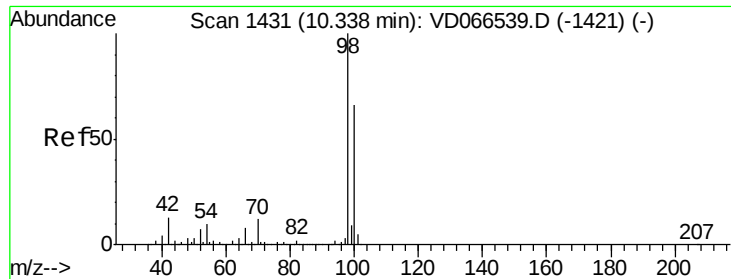
#35
Dibromofluoromethane
Concen: 53.177 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD066592.D
Acq: 09 Sep 2020 19:22

Tgt Ion:113 Resp: 224275
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 16.5 13.7 20.5



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: 52.387 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066592.D

Acq: 09 Sep 2020 19:22

Instrument :

MSVOA_D

ClientSampleId :

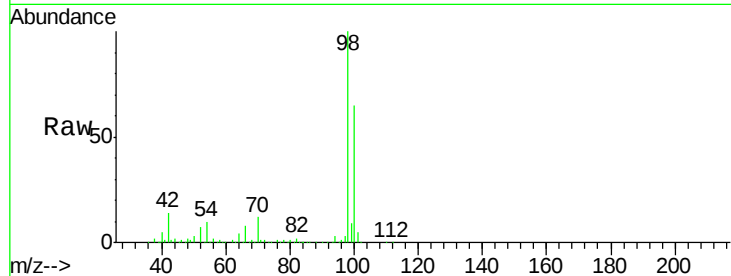
TP-14

Tot Ion: 98 Resp: 789684

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD066539.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066539.D (-1421) (-)

10.34

400000

300000

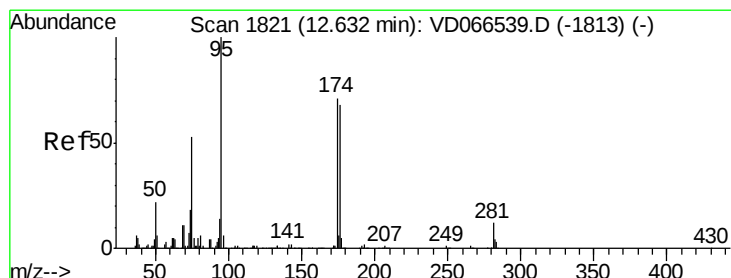
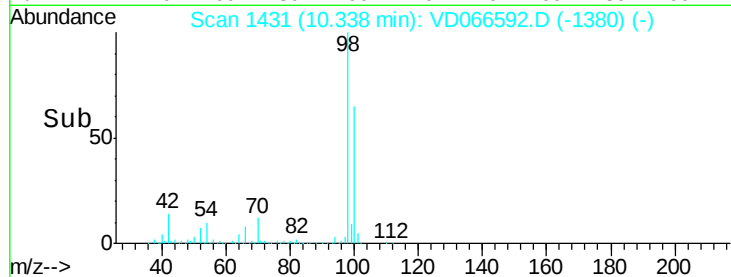
200000

100000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.151 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066592.D

Acq: 09 Sep 2020 19:22

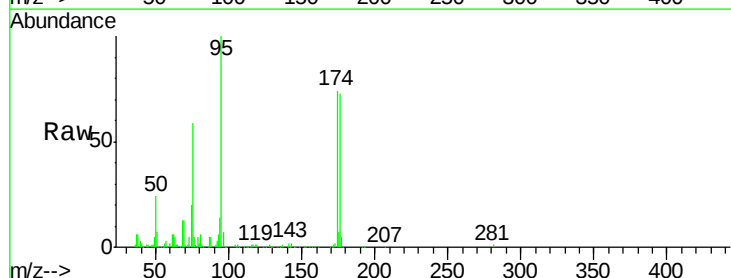
Tgt Ion: 95 Resp: 255677

Ion Ratio Lower Upper

95 100

174 76.6 0.0 155.8

176 72.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066539.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066539.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066539.D (-1813) (-)

12.63

200000

150000

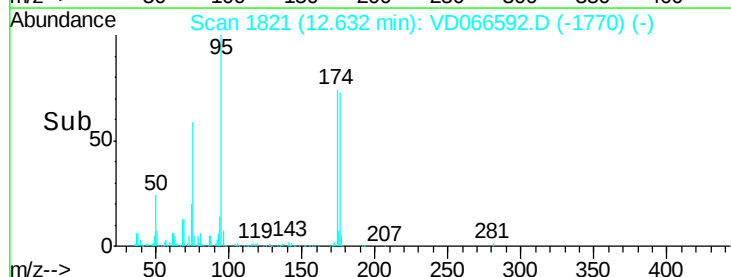
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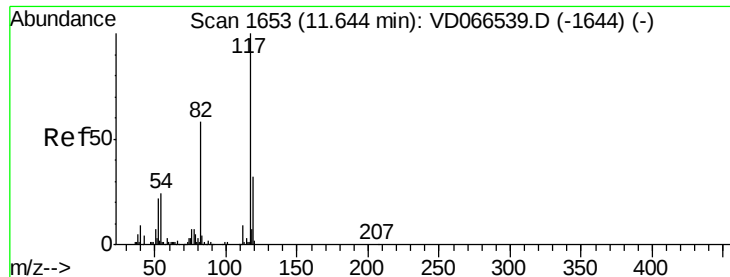
50000

0

Time-->

12.55 12.60 12.65 12.70

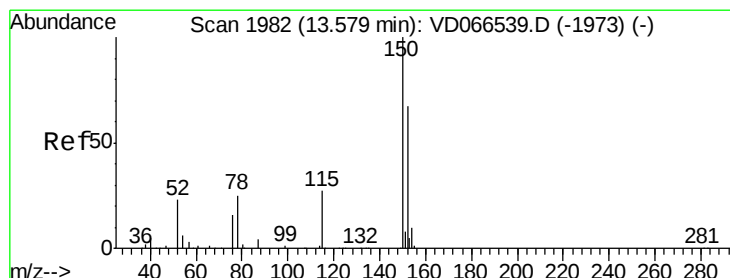
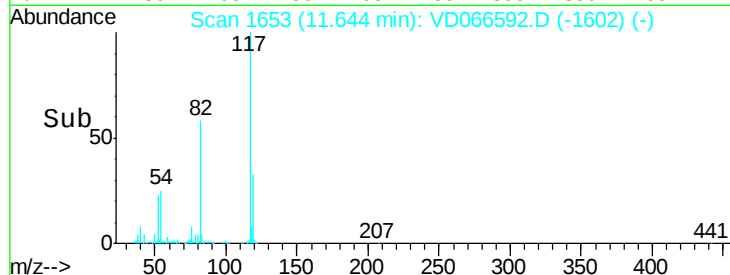
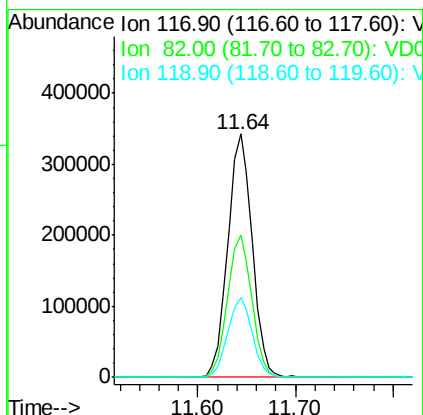
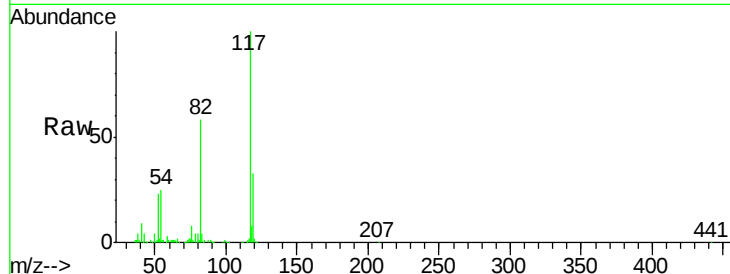




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066592.D
Acq: 09 Sep 2020 19:22

Instrument :
MSVOA_D
ClientSampleId :
TP-14

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.2
119	32.7	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066592.D
Acq: 09 Sep 2020 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.4	91.2
150	157.8	0.0	345.8

