

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063936.D
 Acq On : 11 Oct 2019 14:46
 Operator : VA/SY
 Sample : K5325-01
 Misc : 7.37G/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-A

Quant Time: Oct 12 02:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	262895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	251645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	108580	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	79720	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
35) Dibromofluoromethane	7.92	113	81376	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	10.34	98	340282	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.64	95	101556	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	

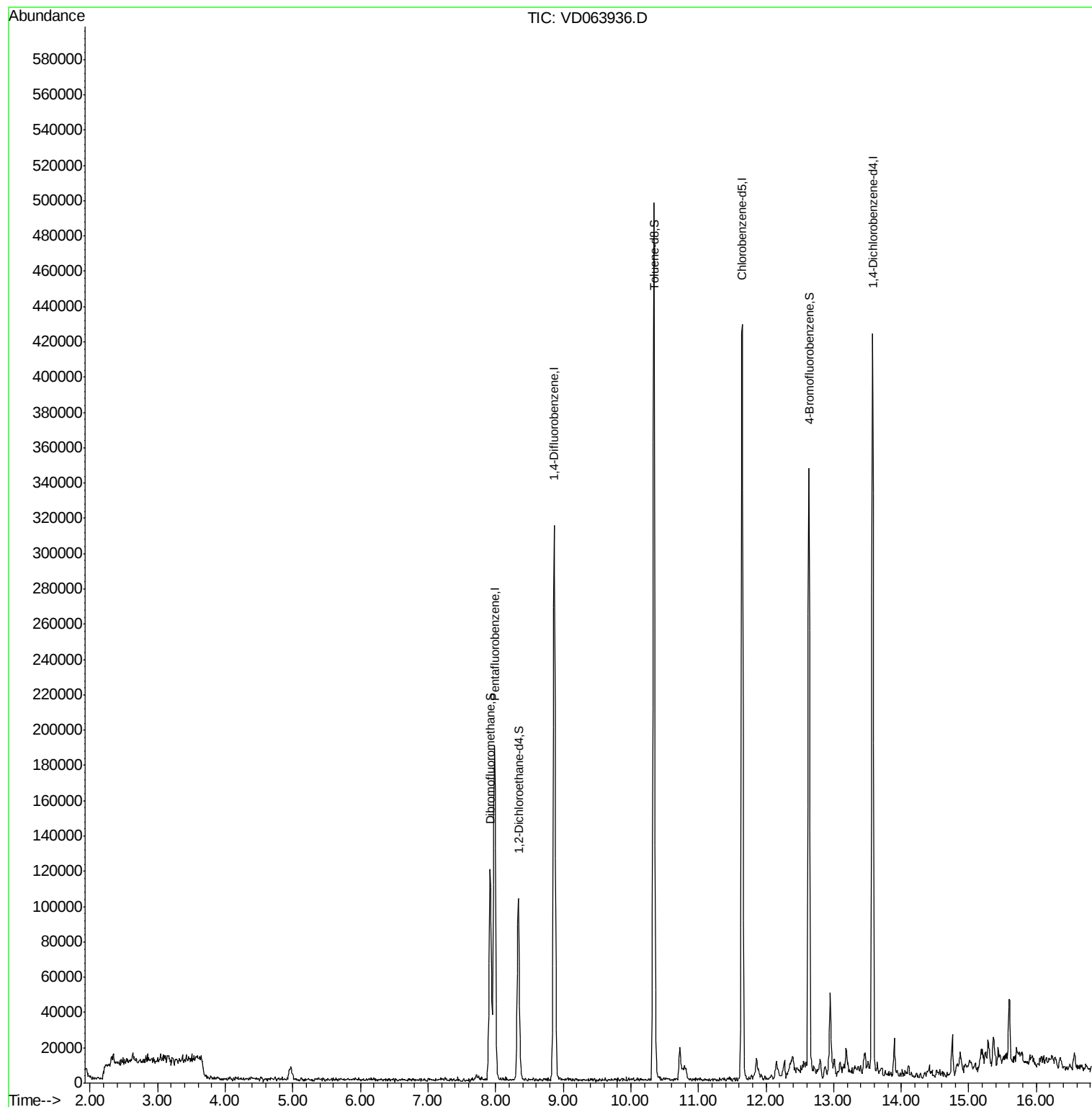
Target Compounds	Qvalue
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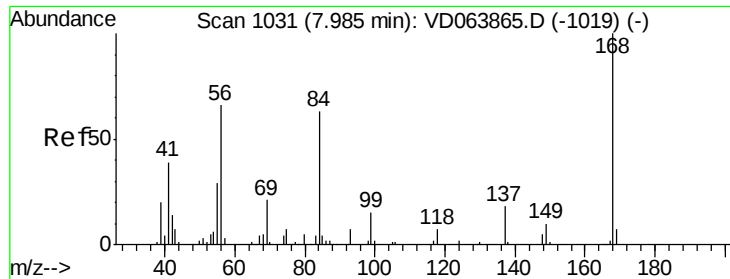
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063936.D

Acq: 11 Oct 2019 14:46

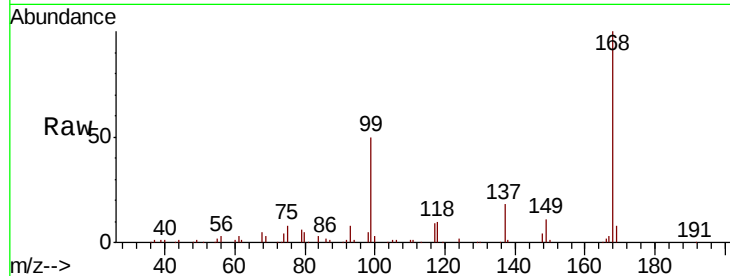
Instrument :
MSVOA_D
ClientSampleId :
10-10-A

Tot Ion:168 Resp: 146521

Ion Ratio Lower Upper

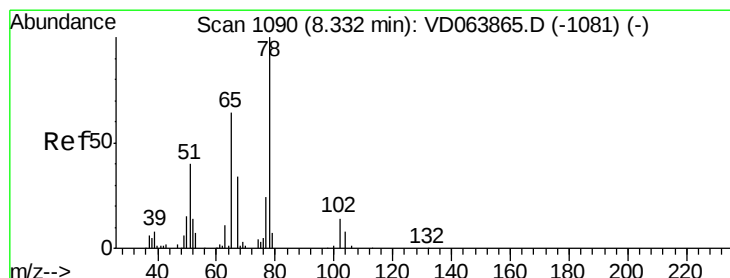
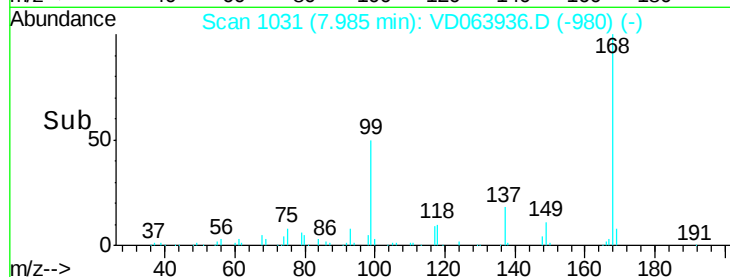
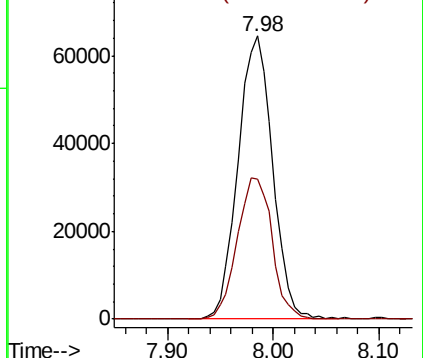
168 100

99 49.3 43.0 64.4



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: 55.885 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063936.D

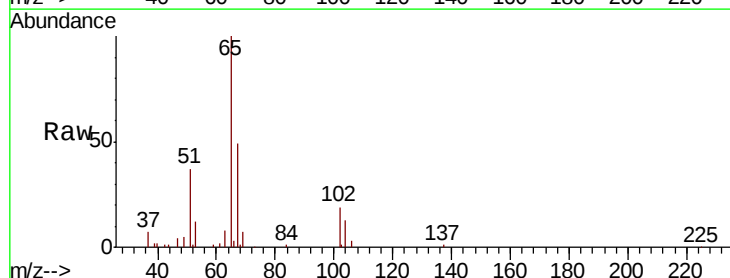
Acq: 11 Oct 2019 14:46

Tgt Ion: 65 Resp: 79720

Ion Ratio Lower Upper

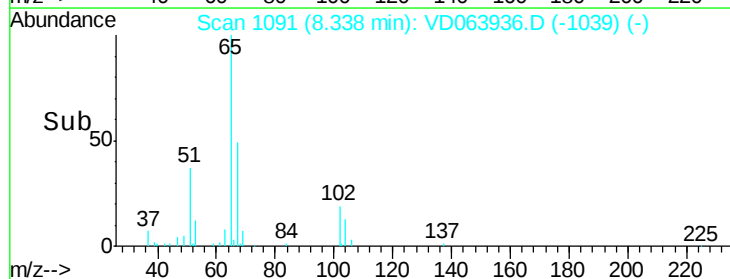
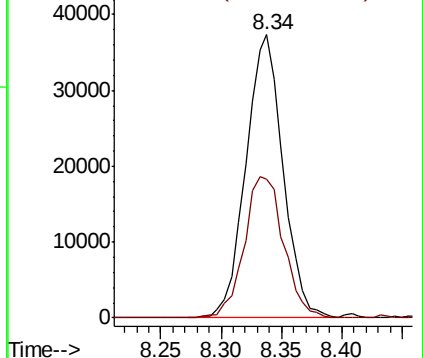
65 100

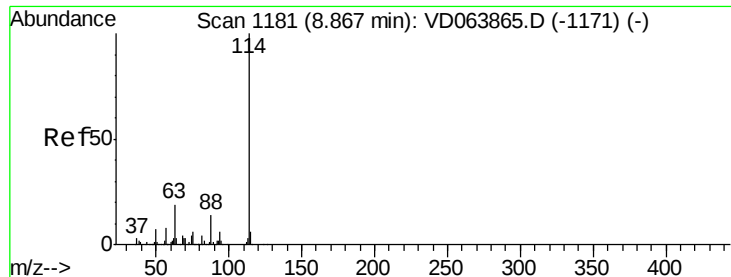
67 53.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

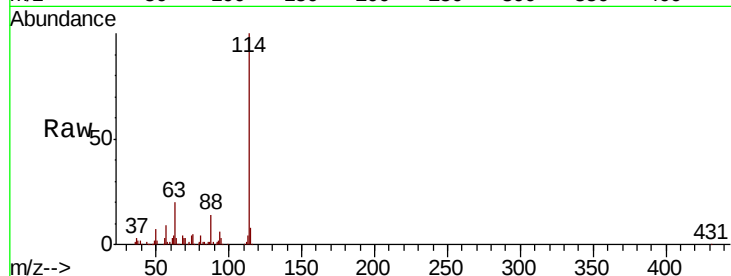




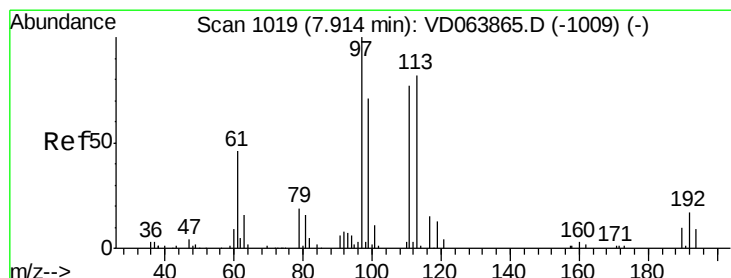
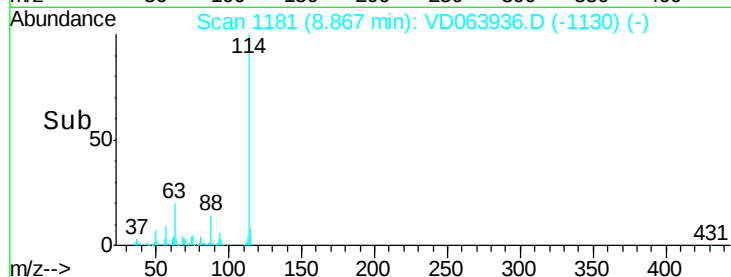
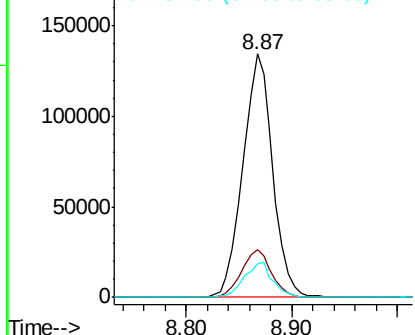
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063936.D
 Acq: 11 Oct 2019 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	13.7	0.0	27.4

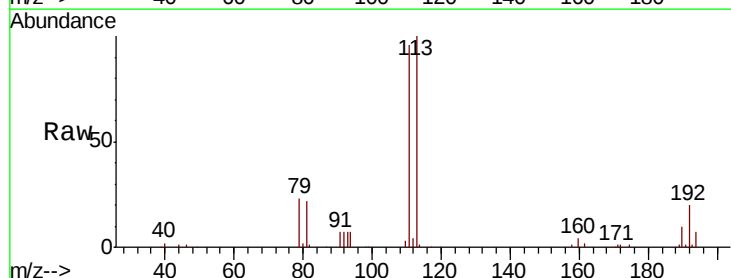


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

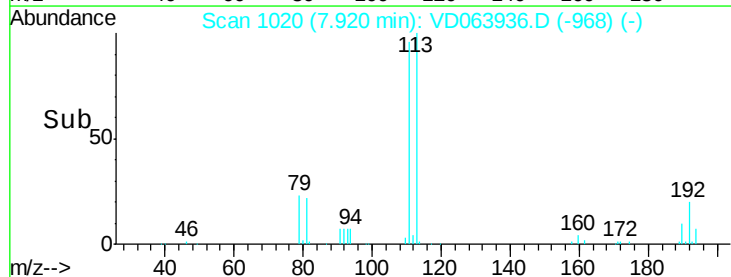
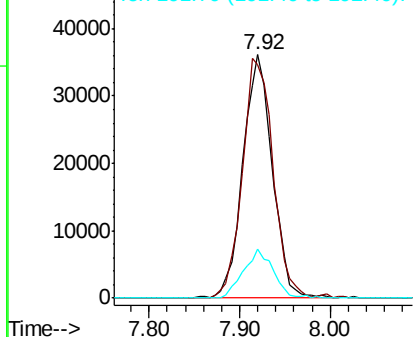


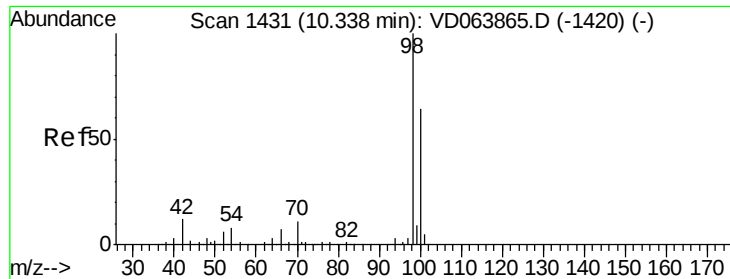
#35
 Dibromofluoromethane
 Concen: 50.650 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063936.D
 Acq: 11 Oct 2019 14:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	20.5	17.1	25.7



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: 52.182 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063936.D

Acq: 11 Oct 2019 14:46

Instrument :

MSVOA_D

ClientSampleId :

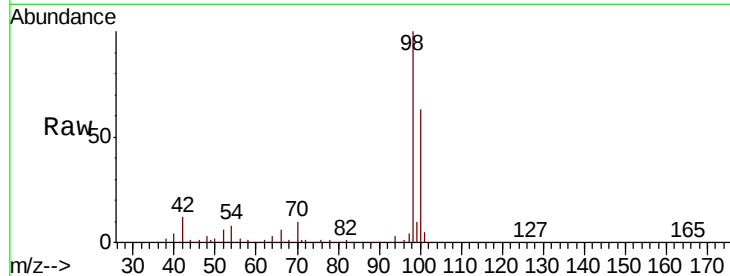
10-10-A

Tot Ion: 98 Resp: 340282

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD063865.D (-1420) (-)

Ion 100.00 (99.70 to 100.70): VD063865.D (-1420) (-)

10.34

200000

150000

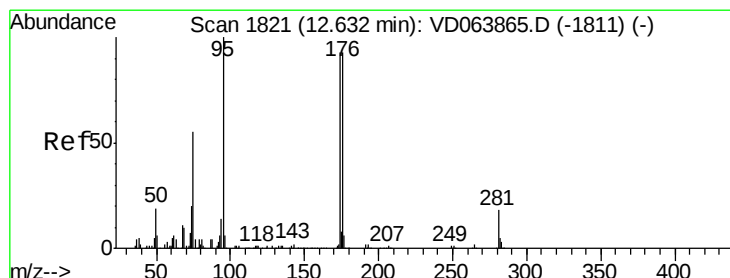
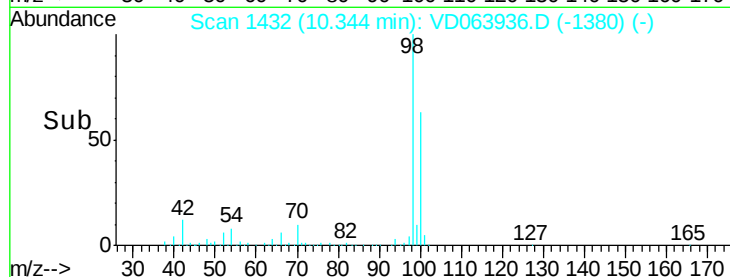
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 44.816 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063936.D

Acq: 11 Oct 2019 14:46

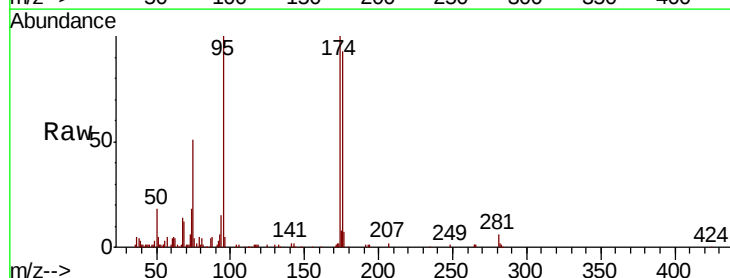
Tgt Ion: 95 Resp: 101556

Ion Ratio Lower Upper

95 100

174 93.3 0.0 186.4

176 89.1 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD063865.D (-1811) (-)

Ion 173.80 (173.50 to 174.50): VD063865.D (-1811) (-)

Ion 175.80 (175.50 to 176.50): VD063865.D (-1811) (-)

12.64

80000

60000

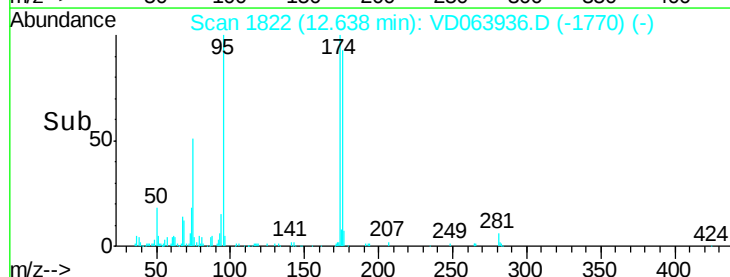
40000

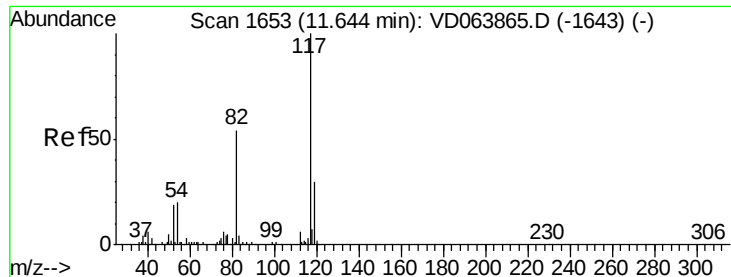
20000

0

12.50 12.60 12.70

Time-->

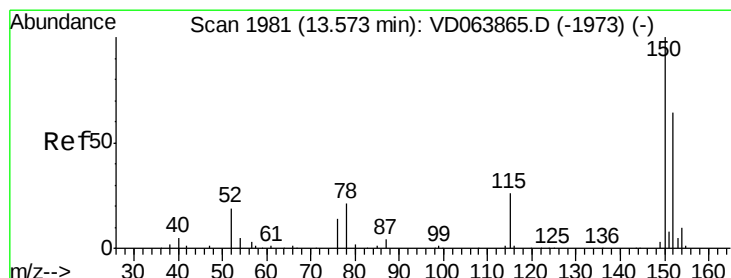
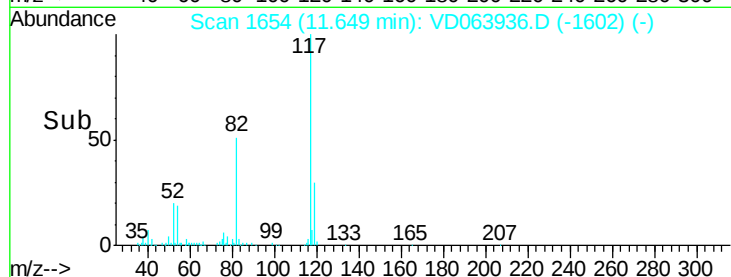
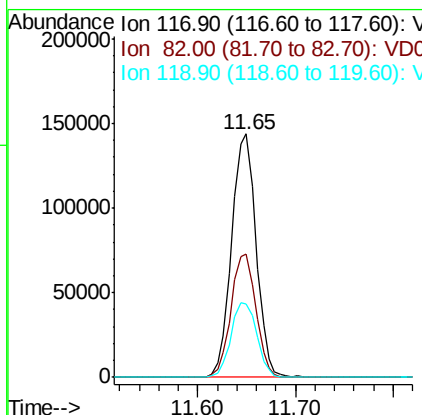
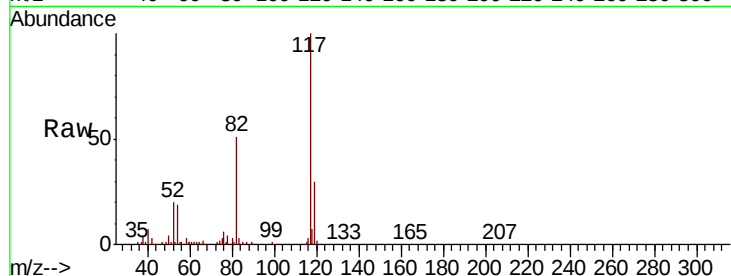




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063936.D
Acq: 11 Oct 2019 14:46

Instrument :
MSVOA_D
ClientSampleId :
10-10-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.8	64.2
119	30.3	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VD063936.D
Acq: 11 Oct 2019 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	25.9	77.7
150	160.1	0.0	344.2

