

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101419\
 Data File : VD063956.D
 Acq On : 14 Oct 2019 15:26
 Operator : VA/SY
 Sample : K5352-02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-19-S2

Quant Time: Oct 14 17:32:04 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	162842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	281414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	276961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	137280	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	83375	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.92	113	89321	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.34	98	361724	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.64	95	112705	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

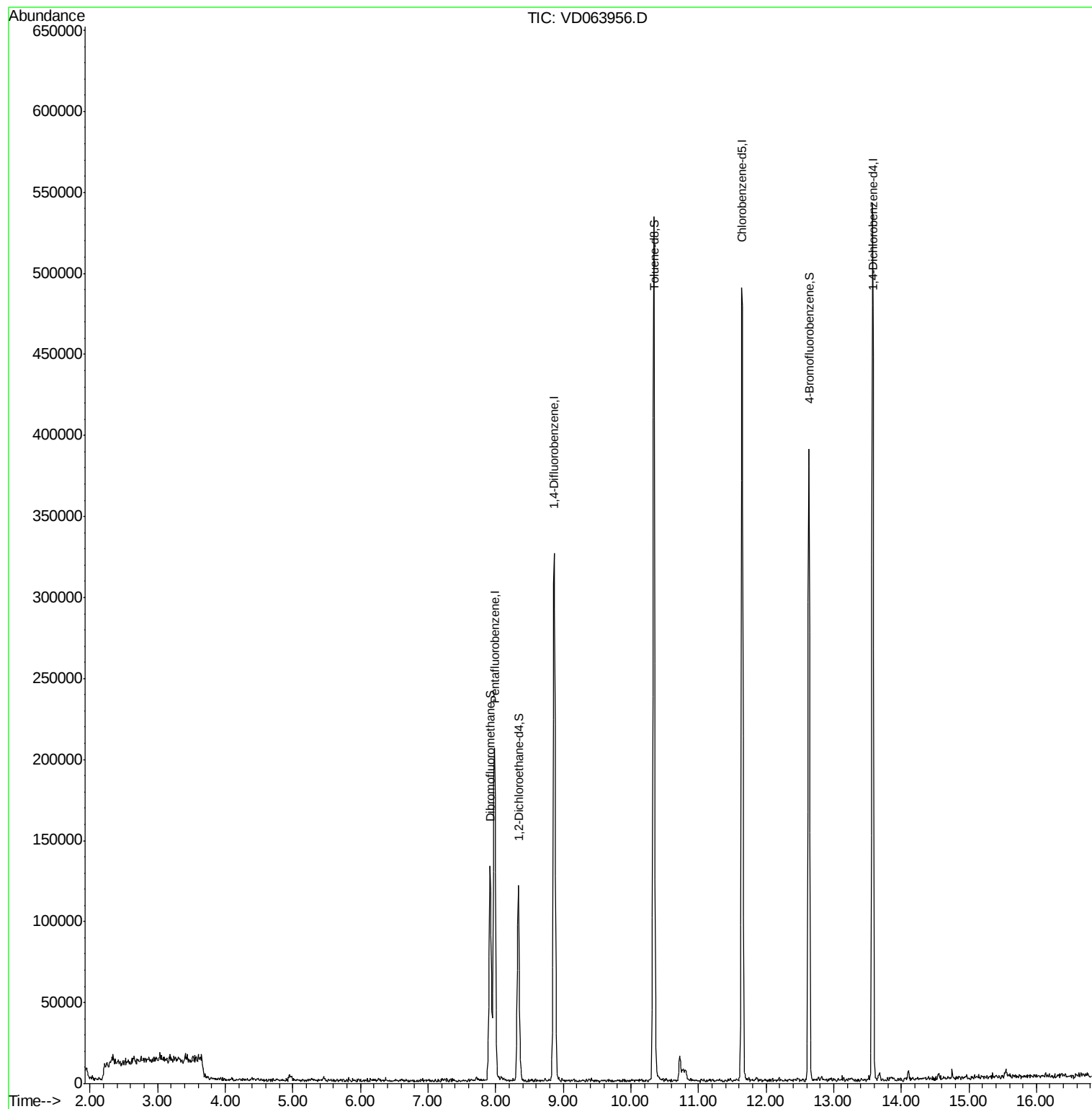
Target Compounds	Qvalue
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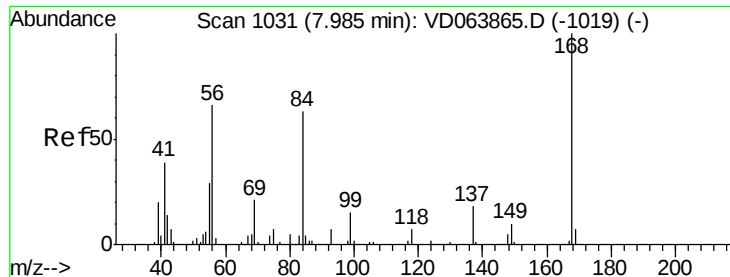
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063956.D

Acq: 14 Oct 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

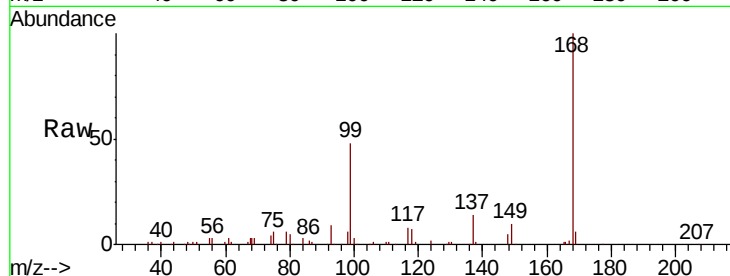
TP-19-S2

Tot Ion:168 Resp: 162842

Ion Ratio Lower Upper

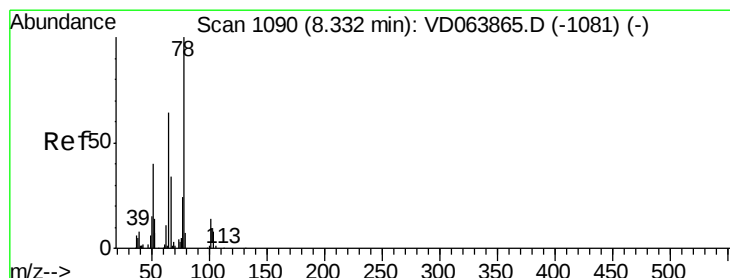
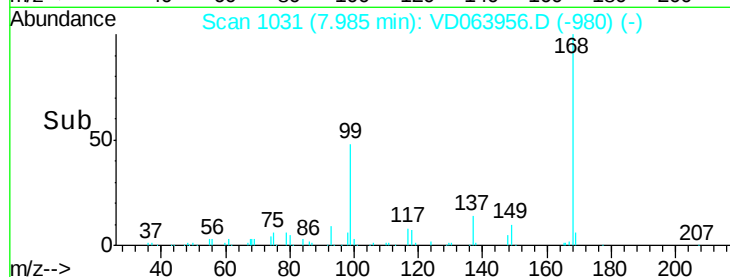
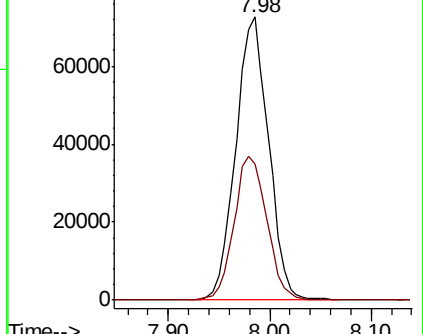
168 100

99 48.2 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: 52.590 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063956.D

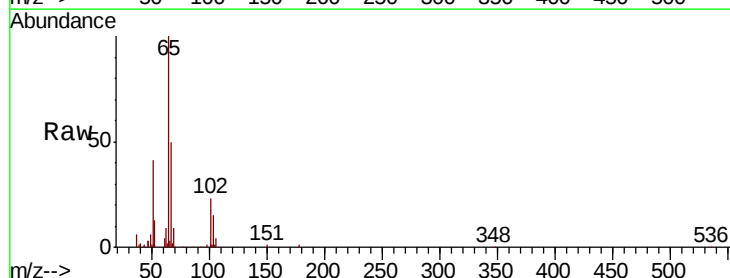
Acq: 14 Oct 2019 15:26

Tgt Ion: 65 Resp: 83375

Ion Ratio Lower Upper

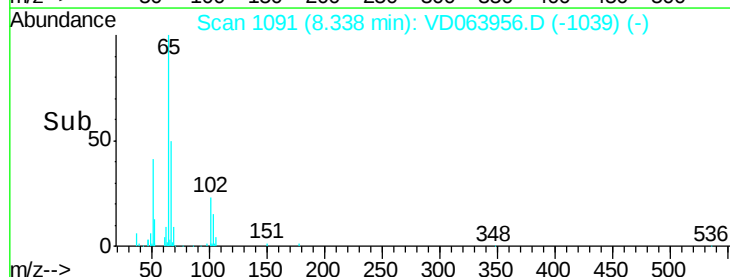
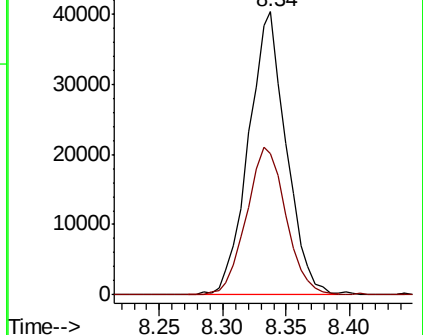
65 100

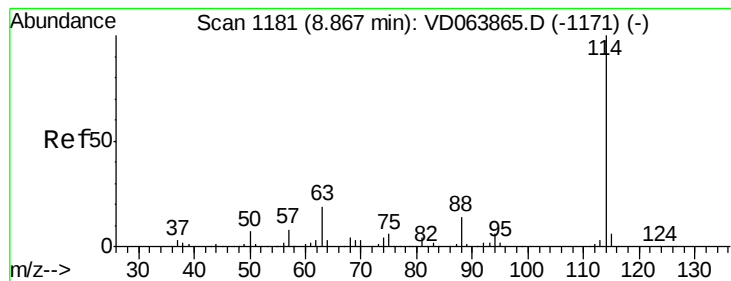
67 54.8 0.0 106.4



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: VD063956.D

Acq: 14 Oct 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

TP-19-S2

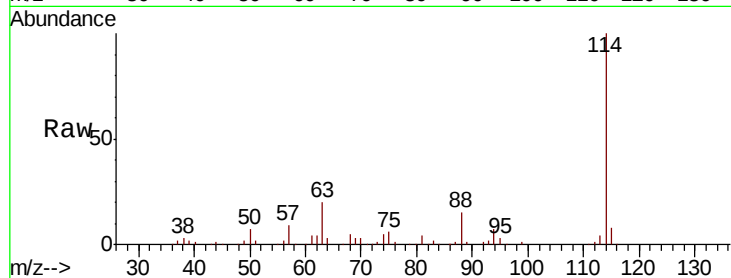
Tot Ion:114 Resp: 281414

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

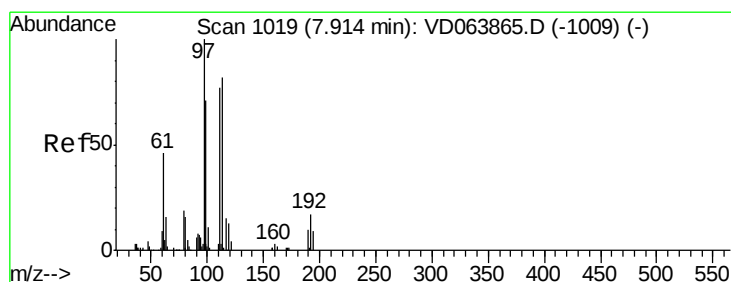
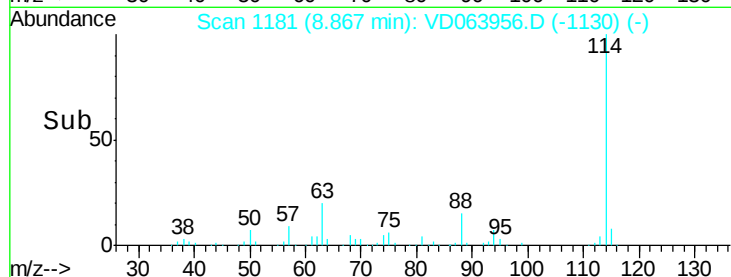
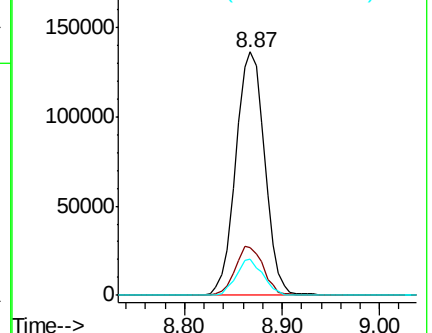
88 14.7 0.0 27.4



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: 51.937 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063956.D

Acq: 14 Oct 2019 15:26

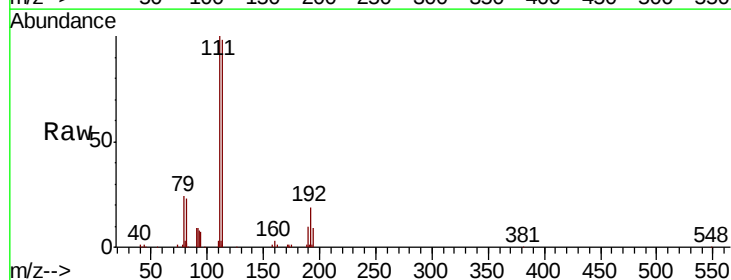
Tgt Ion:113 Resp: 89321

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

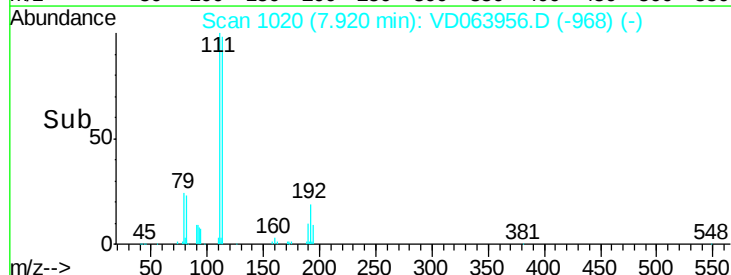
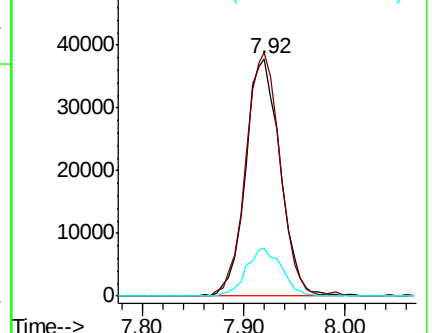
192 20.5 17.1 25.7

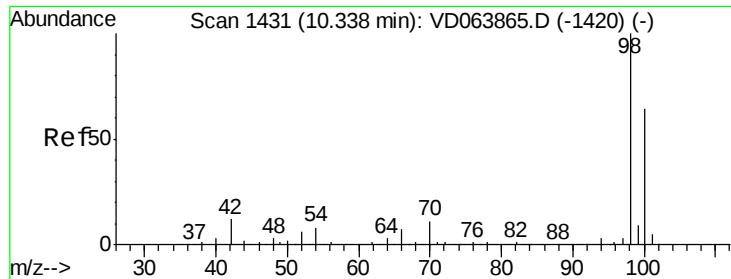


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

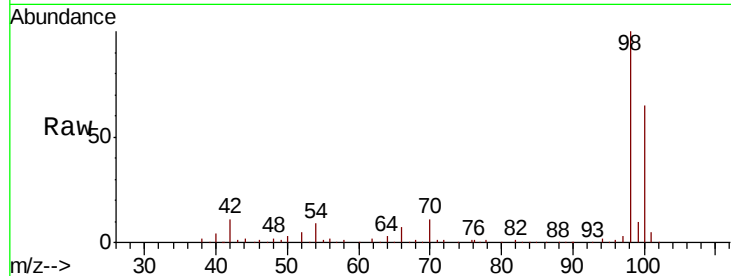




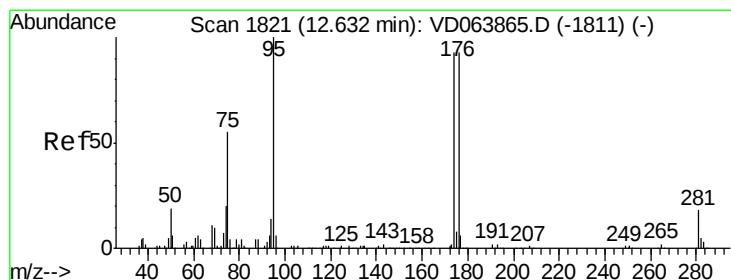
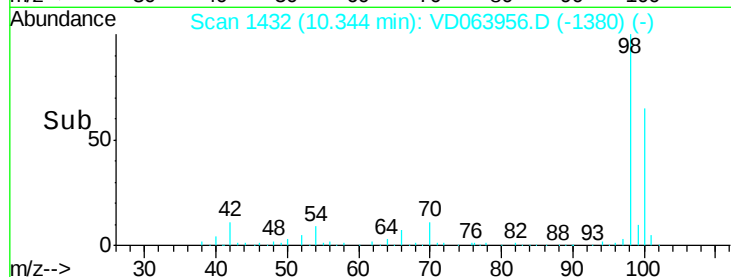
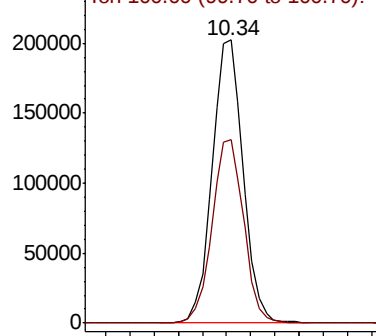
#50
Toluene-d8
Concen: 51.820 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063956.D
Acq: 14 Oct 2019 15:26

Instrument :
MSVOA_D
ClientSampleId :
TP-19-S2

Tot Ion: 98 Resp: 361724
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

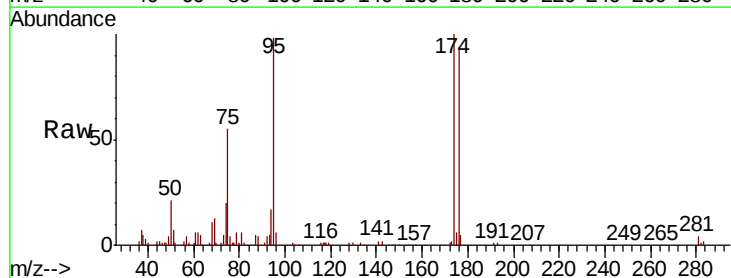


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

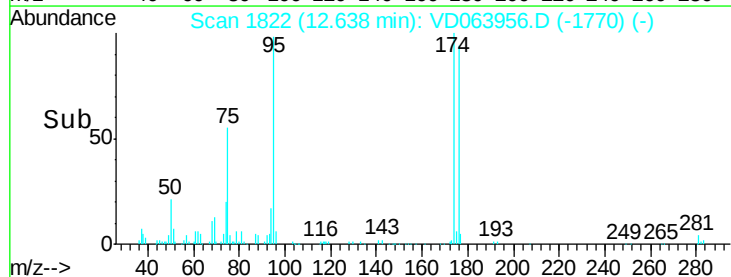
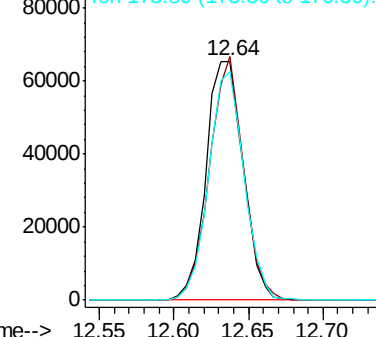


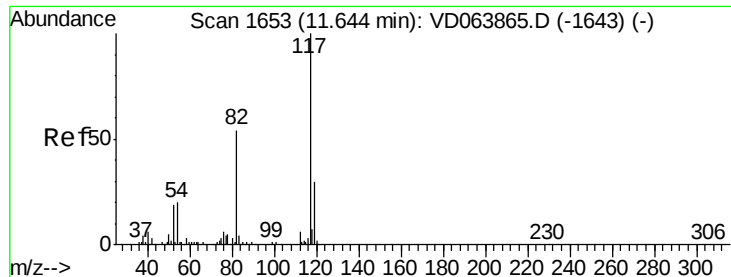
#62
4-Bromofluorobenzene
Concen: 46.463 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063956.D
Acq: 14 Oct 2019 15:26

Tgt Ion: 95 Resp: 112705
Ion Ratio Lower Upper
95 100
174 93.3 0.0 186.4
176 91.3 0.0 184.2



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

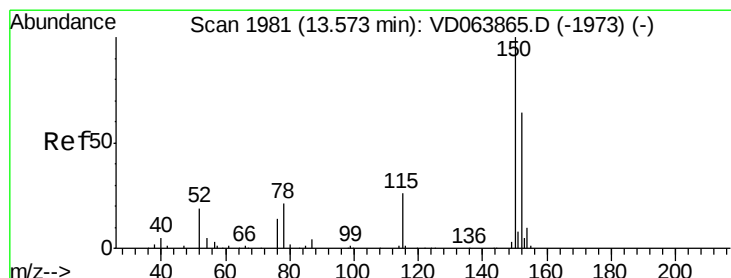
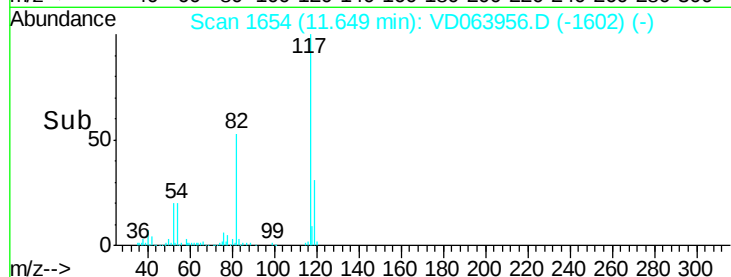
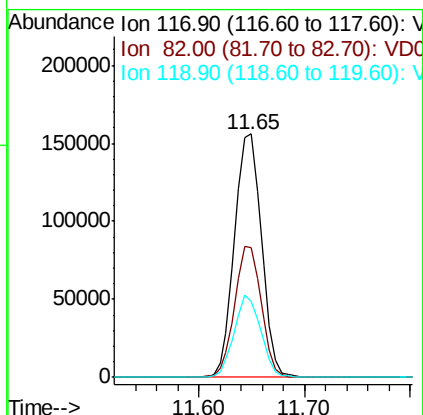
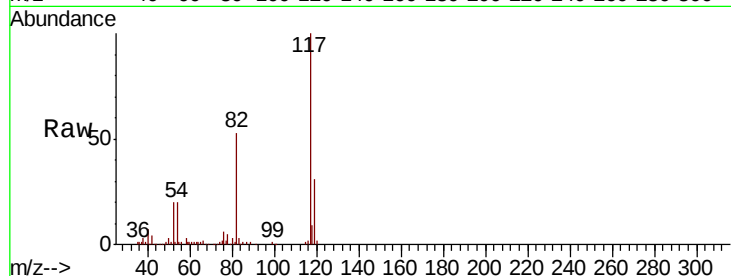




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063956.D
Acq: 14 Oct 2019 15:26

Instrument :
MSVOA_D
ClientSampleId :
TP-19-S2

Tot Ion:117 Resp: 276961
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.0 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063956.D
Acq: 14 Oct 2019 15:26

Tgt Ion:152 Resp: 137280
Ion Ratio Lower Upper
152 100
115 54.4 25.9 77.7
150 159.1 0.0 344.2

