

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063946.D
 Acq On : 11 Oct 2019 19:30
 Operator : VA/SY
 Sample : K5316-01
 Misc : 7.14G/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Oct 12 03:18:27 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

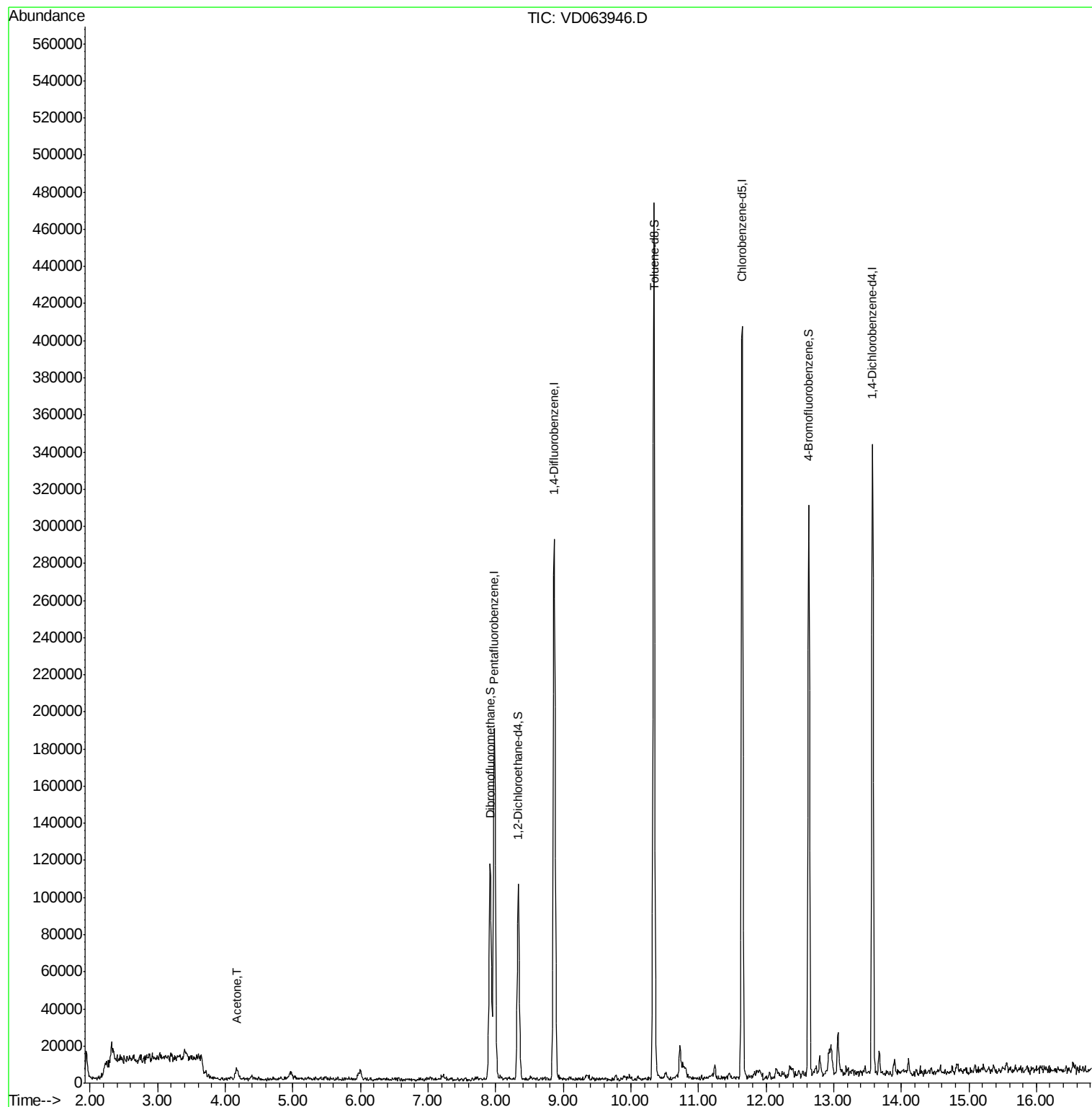
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	140894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	255542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	228358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	89930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	76789	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
35) Dibromofluoromethane	7.91	113	79124	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.34	98	320301	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.64	95	86245	39.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.30%	
Target Compounds						
16) Acetone	4.16	43	10450	29.261	ug/l #	Qvalue 87

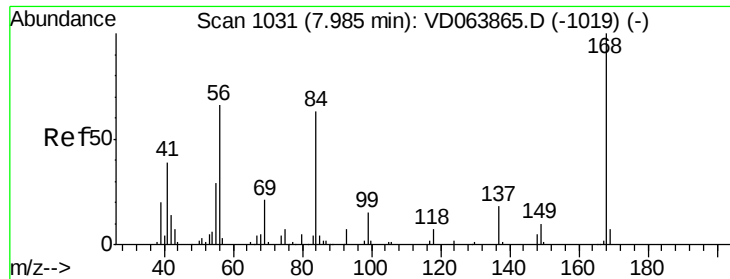
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063946.D

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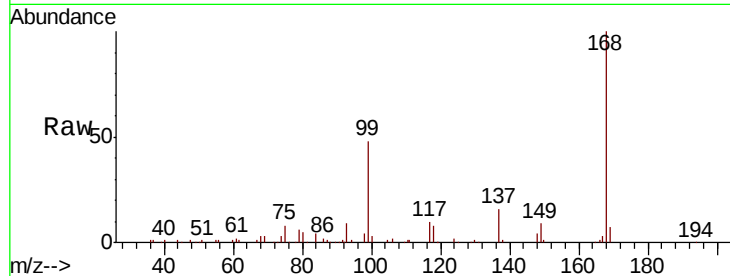
Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tot Ion:168 Resp: 140894

Ion Ratio Lower Upper

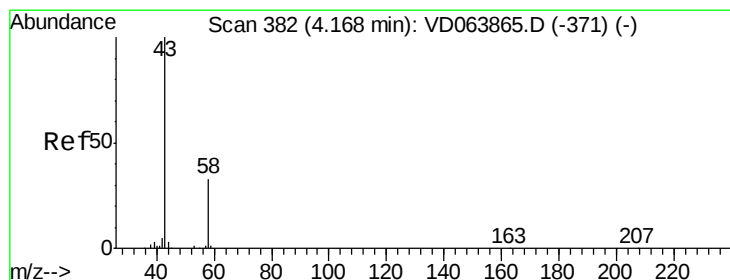
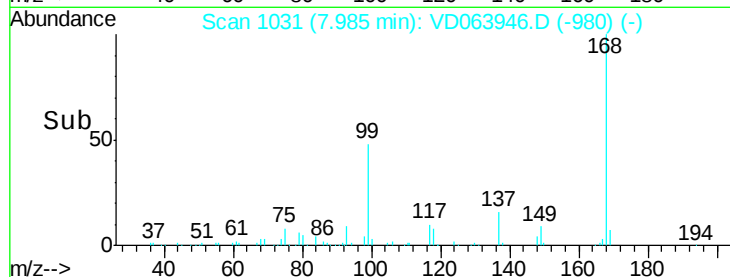
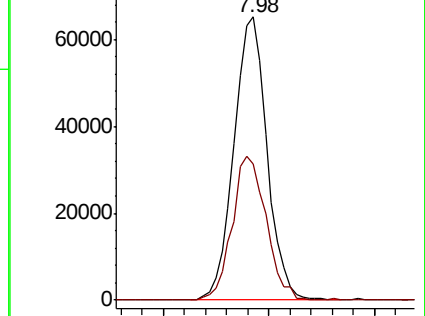
168 100

99 48.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 29.261 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063946.D

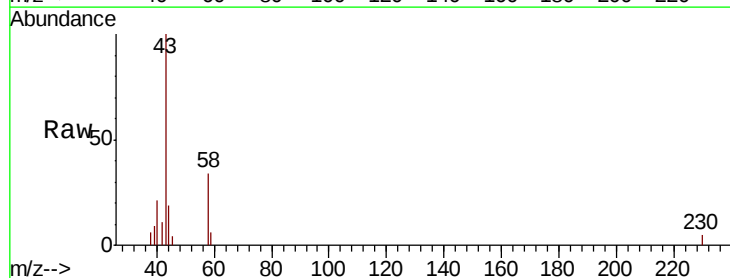
Acq: 11 Oct 2019 19:30

Tgt Ion: 43 Resp: 10450

Ion Ratio Lower Upper

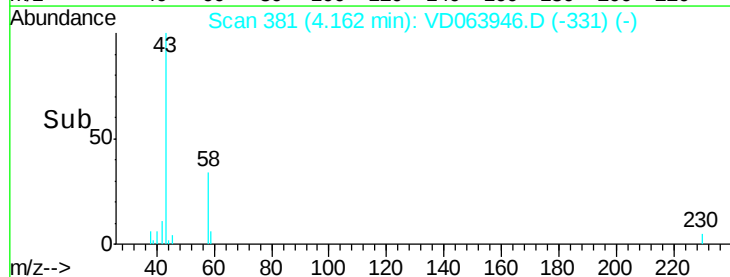
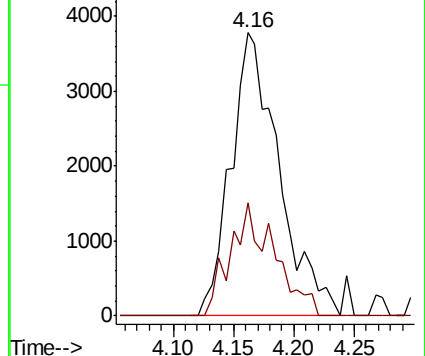
43 100

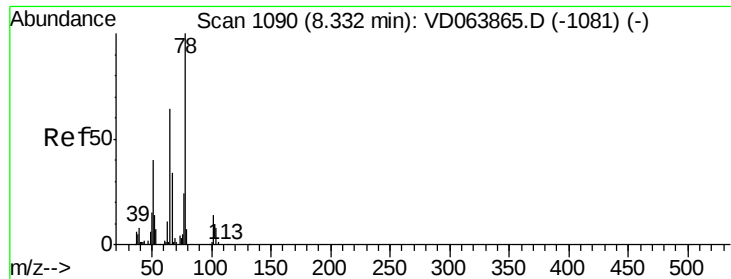
58 39.9 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.980 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063946.D

Acq: 11 Oct 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

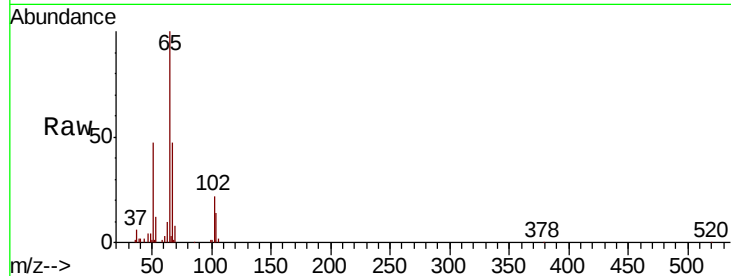
TP-8

Tot Ion: 65 Resp: 76789

Ion Ratio Lower Upper

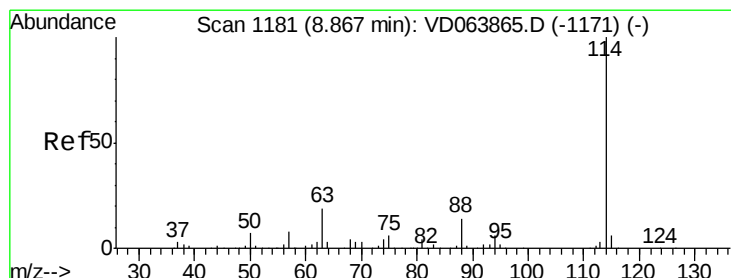
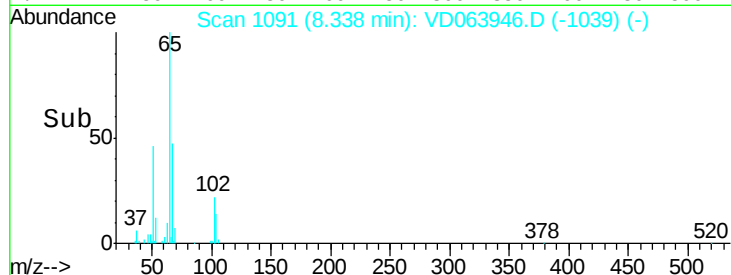
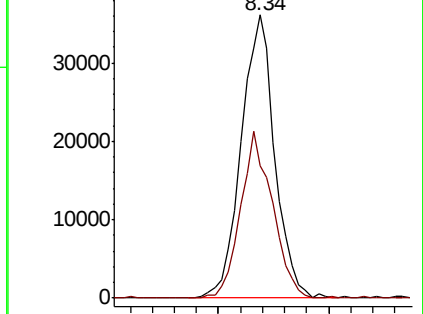
65 100

67 56.0 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: VD063946.D

Acq: 11 Oct 2019 19:30

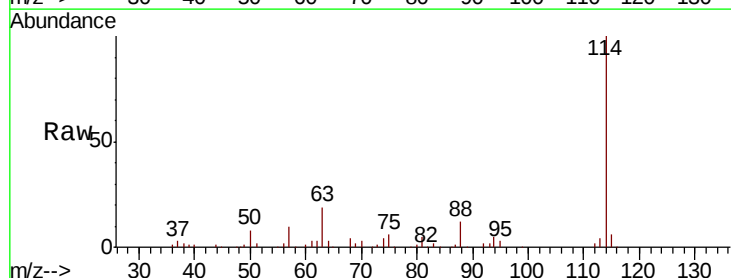
Tgt Ion: 114 Resp: 255542

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

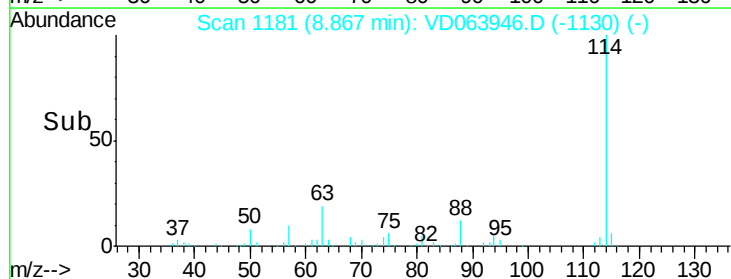
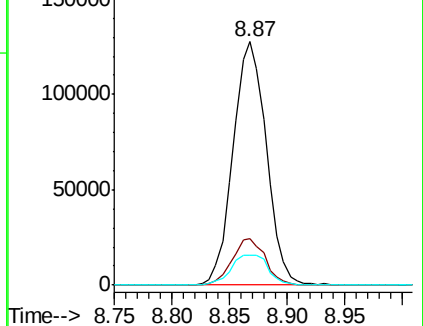
88 12.3 0.0 27.4

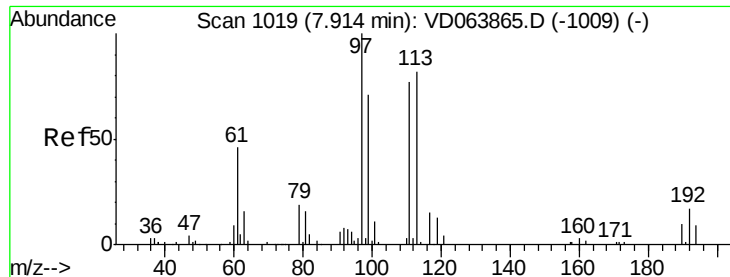


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

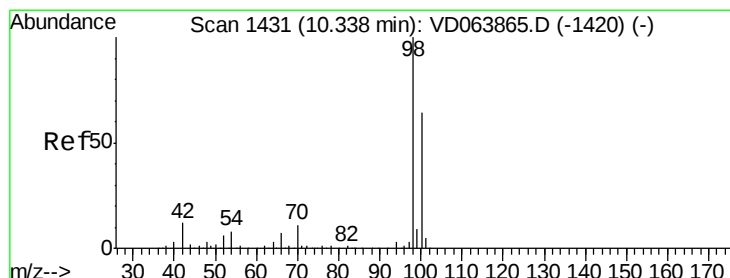
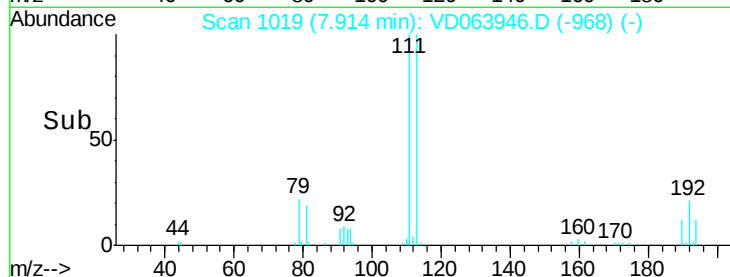
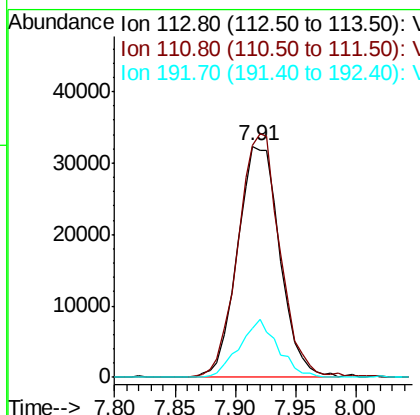
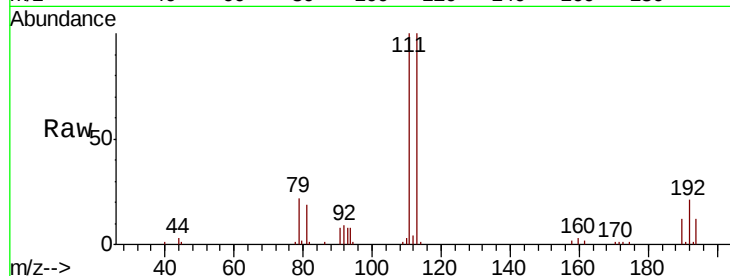




#35
 Dibromofluoromethane
 Concen: 50.665 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD063946.D
 Acq: 11 Oct 2019 19:30

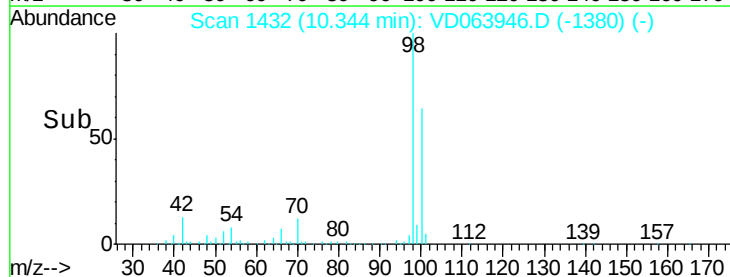
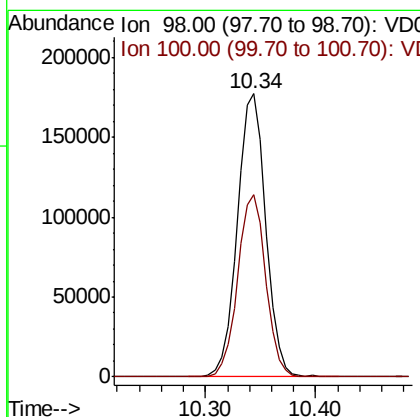
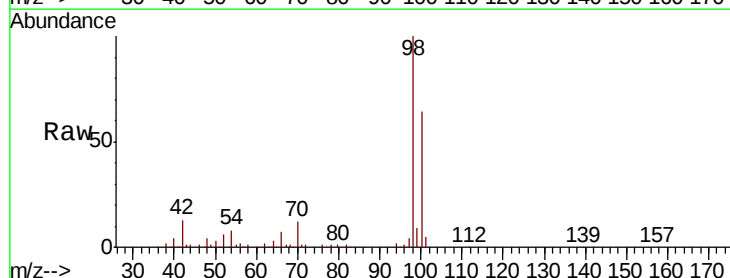
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

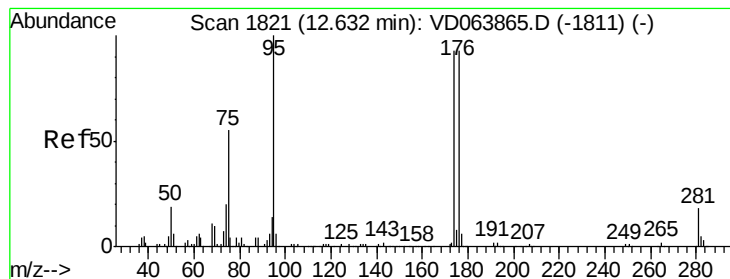
Tot Ion:113 Resp: 79124
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.6 123.8
 192 22.8 17.1 25.7



#50
 Toluene-d8
 Concen: 50.531 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD063946.D
 Acq: 11 Oct 2019 19:30

Tgt Ion: 98 Resp: 320301
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 39.154 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063946.D

Acq: 11 Oct 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

TP-8

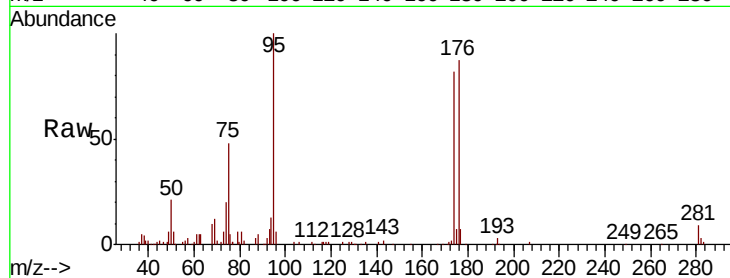
Tot Ion: 95 Resp: 86245

Ion Ratio Lower Upper

95 100

174 92.0 0.0 186.4

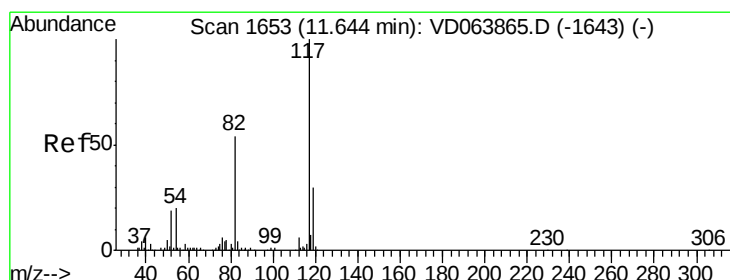
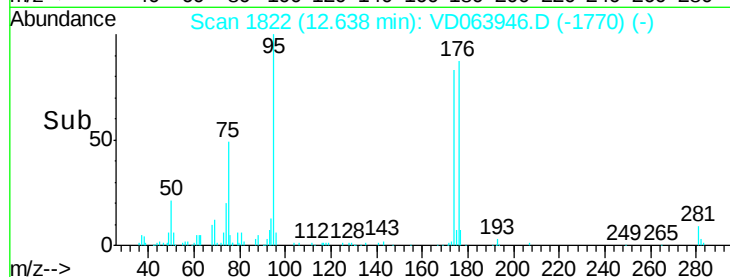
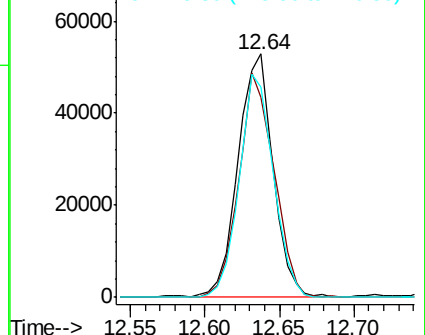
176 89.2 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063946.D

Acq: 11 Oct 2019 19:30

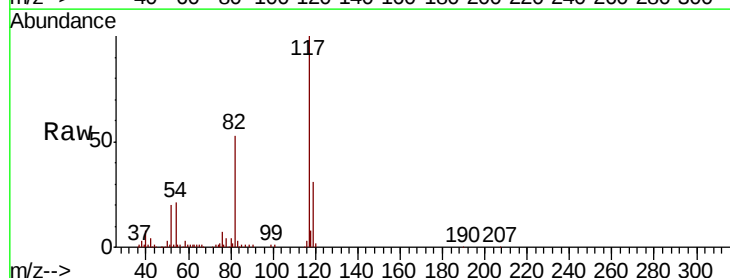
Tgt Ion: 117 Resp: 228358

Ion Ratio Lower Upper

117 100

82 52.6 42.8 64.2

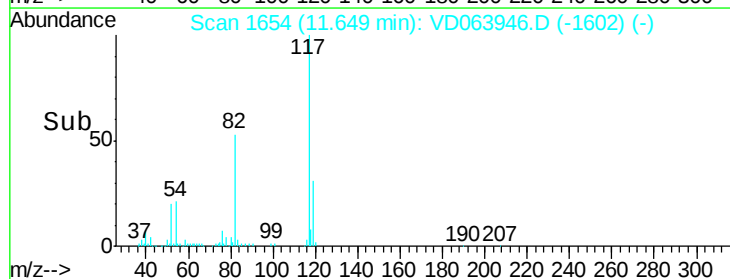
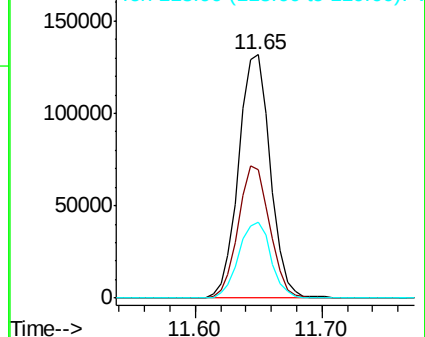
119 31.4 24.4 36.6

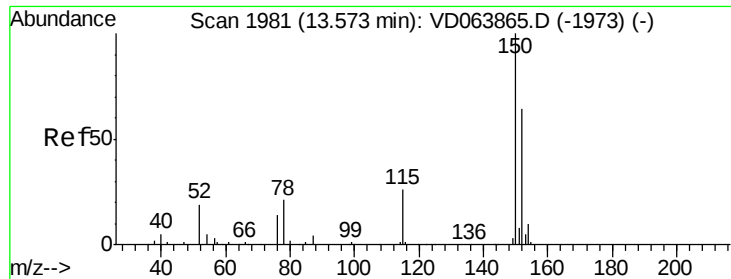


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063946.D

Acq: 11 Oct 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

TP-8

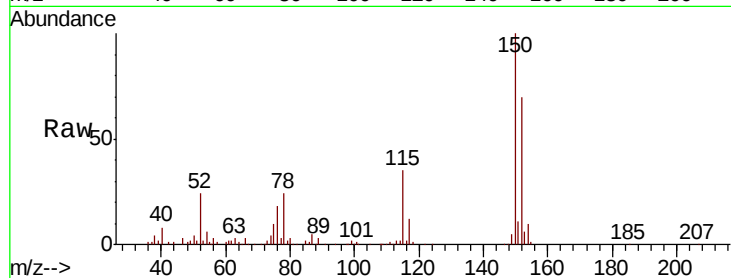
Tot Ion:152 Resp: 89930

Ion Ratio Lower Upper

152 100

115 54.9 25.9 77.7

150 154.5 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

