

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063918.D
 Acq On : 10 Oct 2019 18:59
 Operator : VA/SY
 Sample : K5297-10
 Misc : 6.82G/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Oct 11 08:24:38 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

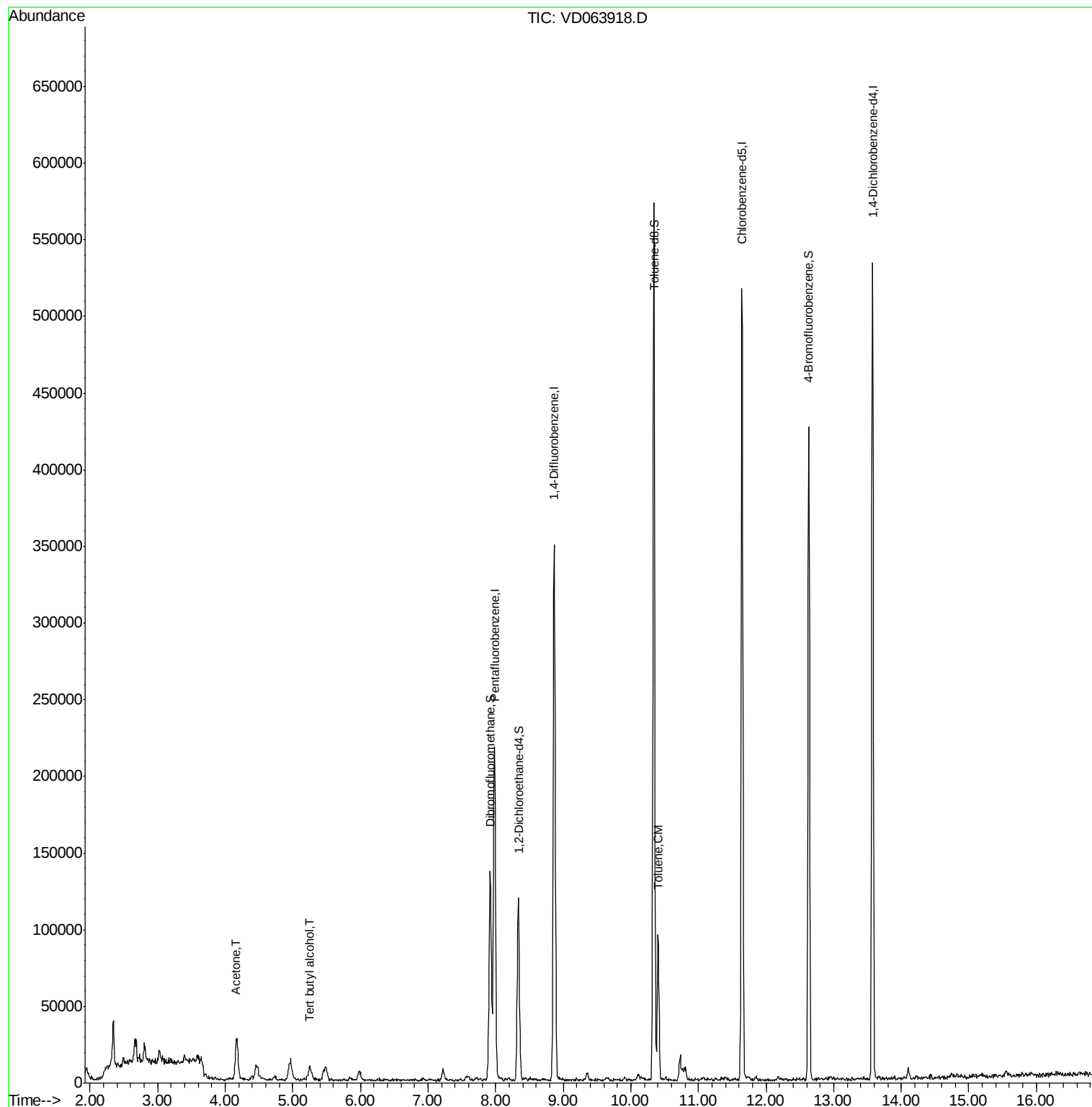
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	165112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	296249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	292088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	89842	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
35) Dibromofluoromethane	7.92	113	95848	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.34	98	392064	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.63	95	117417	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
11) Tert butyl alcohol	5.25	59	14600	126.783	ug/l #	81
16) Acetone	4.16	43	46255	110.521	ug/l	96
52) Toluene	10.40	92	38615	7.247	ug/l	99

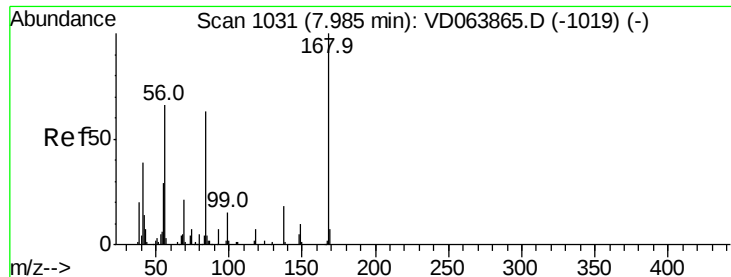
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063918.D

Acq: 10 Oct 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

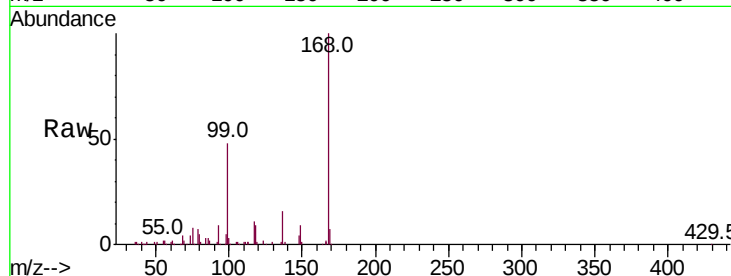
TP-4

Tot Ion:168 Resp: 165112

Ion Ratio Lower Upper

168 100

99 48.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

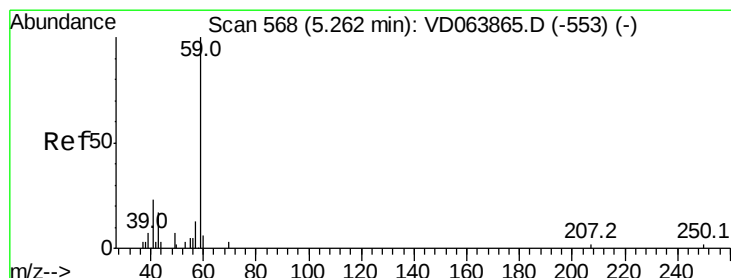
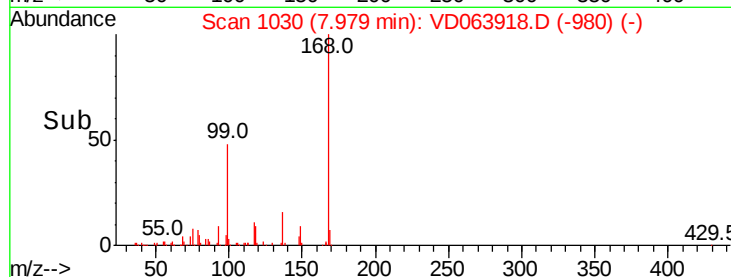
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 126.783 ug/l

RT: 5.25 min Scan# 566

Delta R.T. -0.01 min

Lab File: VD063918.D

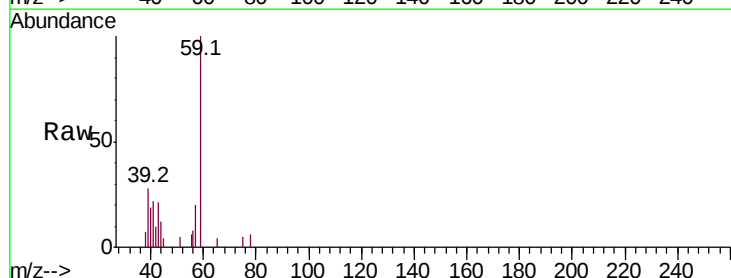
Acq: 10 Oct 2019 18:59

Tgt Ion: 59 Resp: 14600

Ion Ratio Lower Upper

59 100

57 3.7 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.25

4000

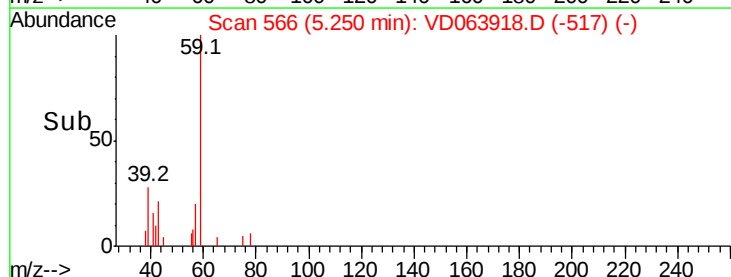
3000

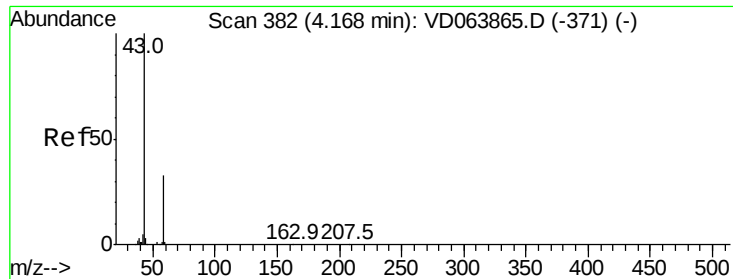
2000

1000

0

Time-->





#16

Acetone

Concen: 110.521 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063918.D

Acq: 10 Oct 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

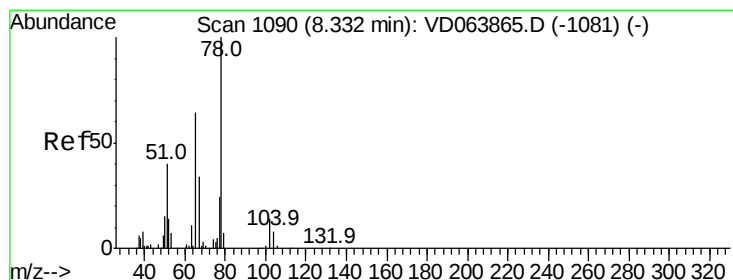
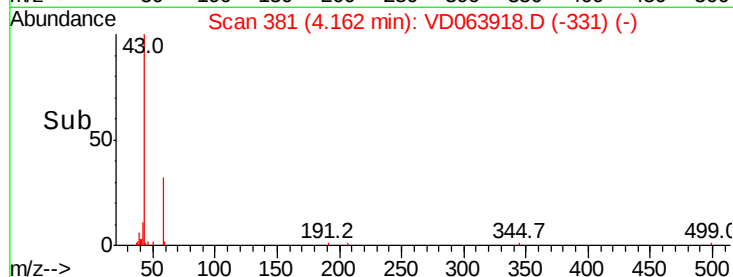
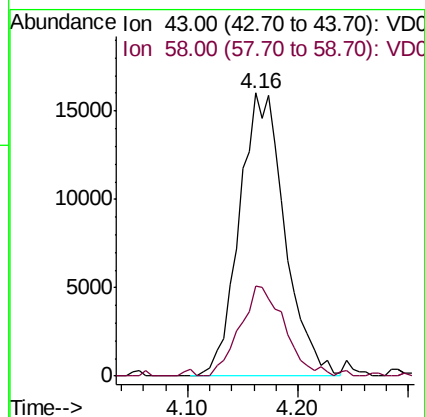
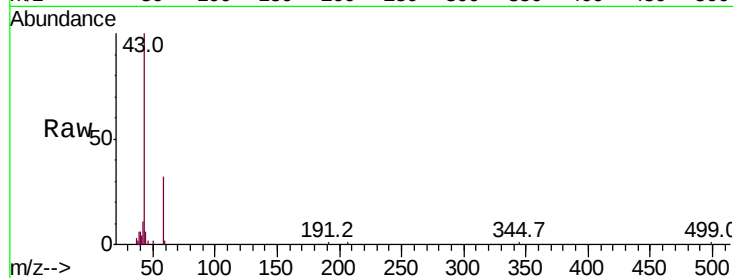
TP-4

Tot Ion: 43 Resp: 46255

Ion Ratio Lower Upper

43 100

58 30.6 26.2 39.4



#33

1,2-Dichloroethane-d4

Concen: 55.890 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063918.D

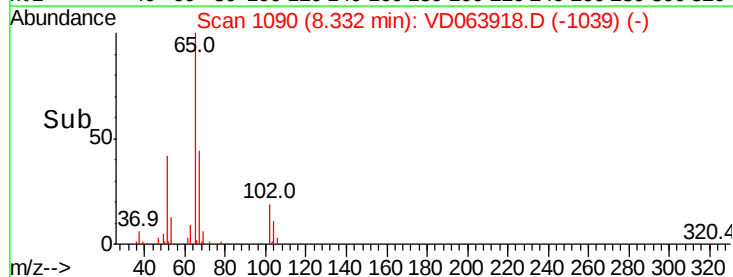
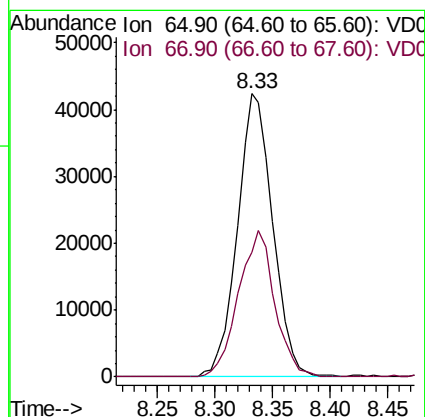
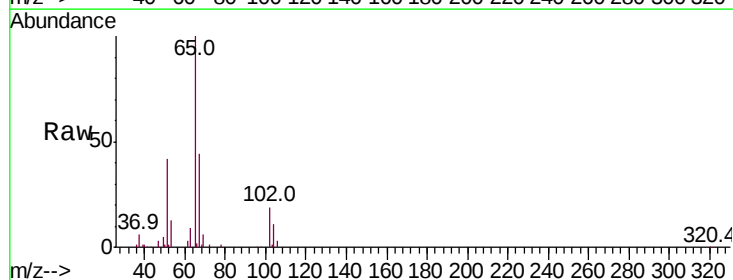
Acq: 10 Oct 2019 18:59

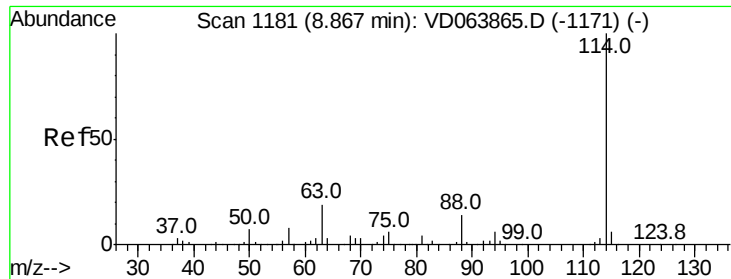
Tgt Ion: 65 Resp: 89842

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.4

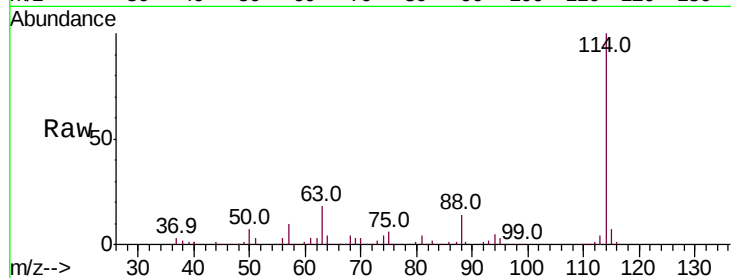




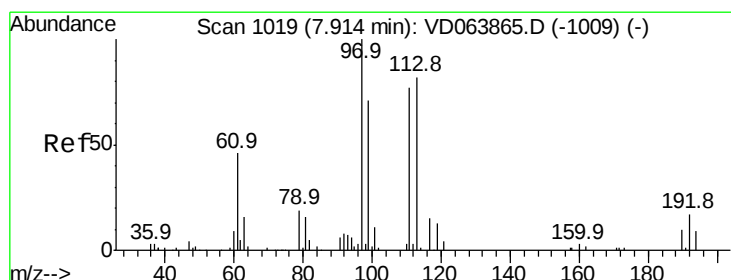
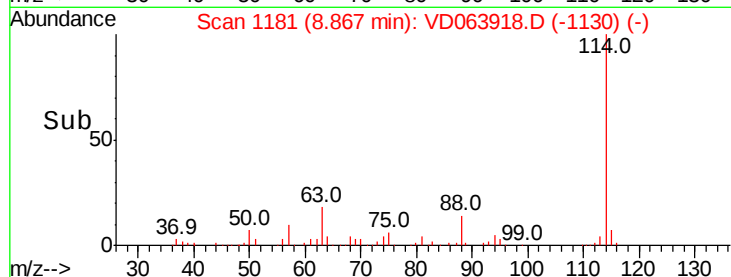
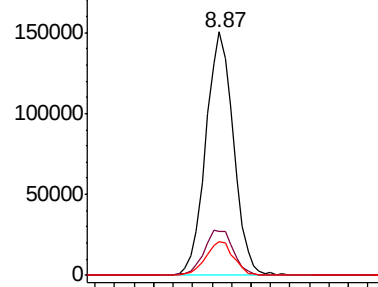
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063918.D
 Acq: 10 Oct 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 296249
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.4
 88 13.8 0.0 27.4

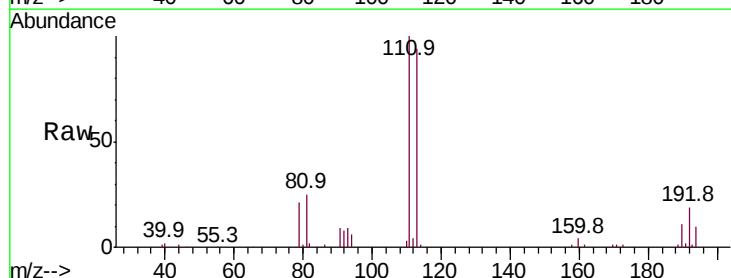


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

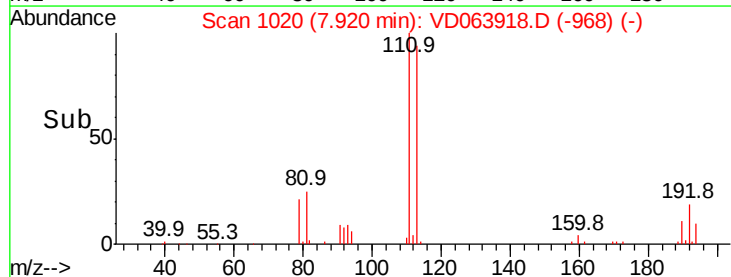
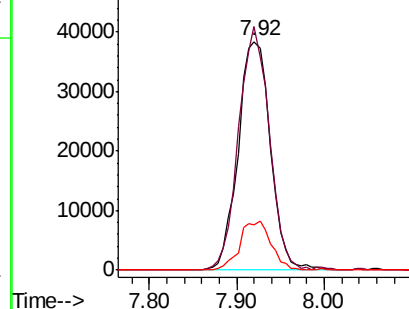


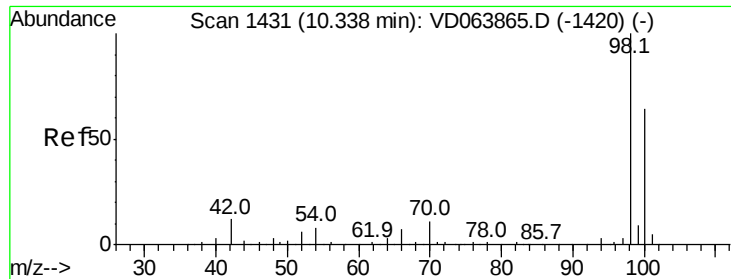
#35
 Dibromofluoromethane
 Concen: 52.941 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063918.D
 Acq: 10 Oct 2019 18:59

Tgt Ion:113 Resp: 95848
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.6 123.8
 192 20.7 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: 53.354 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063918.D

Acq: 10 Oct 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

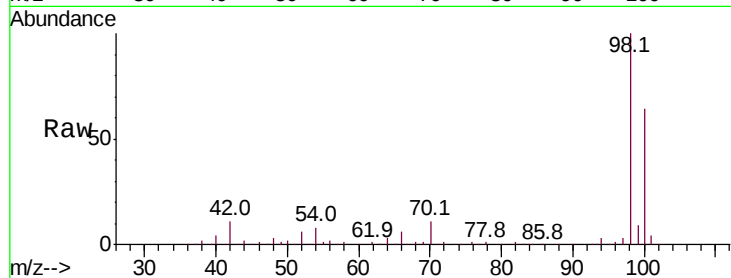
TP-4

Tot Ion: 98 Resp: 392064

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

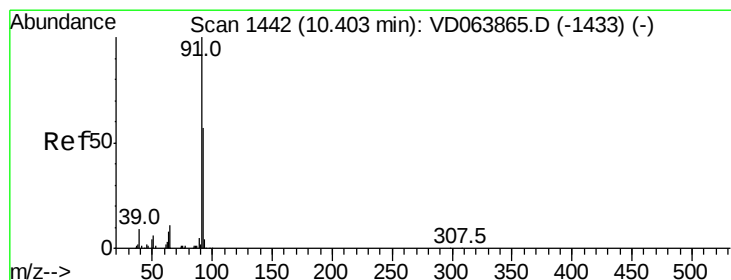
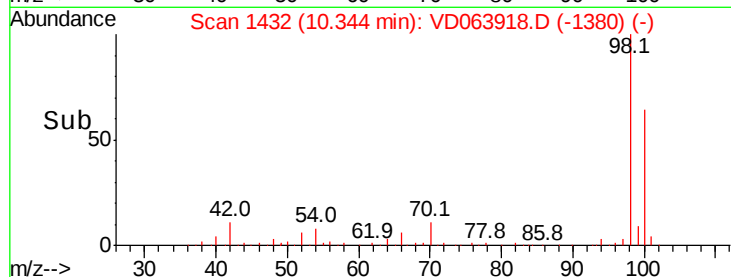
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#52

Toluene

Concen: 7.247 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD063918.D

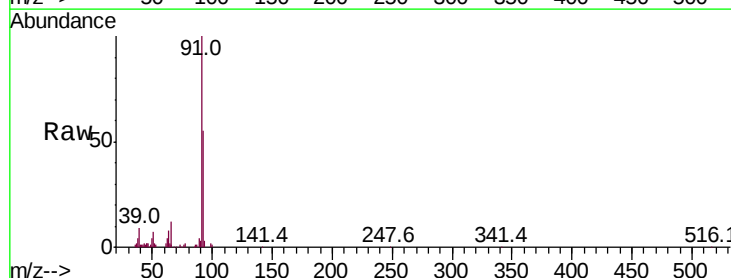
Acq: 10 Oct 2019 18:59

Tgt Ion: 92 Resp: 38615

Ion Ratio Lower Upper

92 100

91 173.5 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

40000

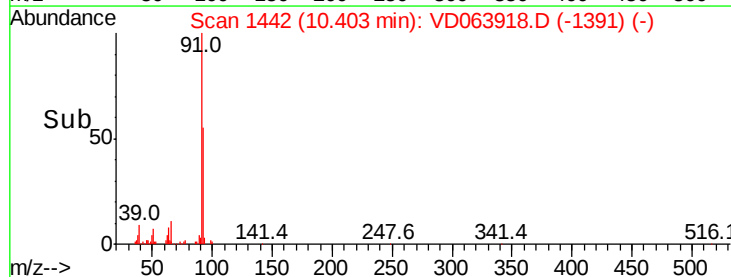
30000

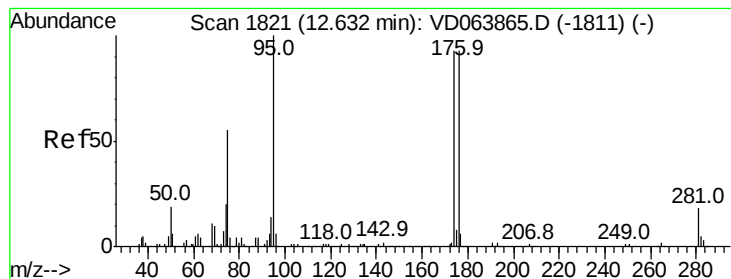
20000

10000

0

Time--> 10.35 10.40 10.45





#62

4-Bromofluorobenzene

Concen: 45.982 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063918.D

Acq: 10 Oct 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

TP-4

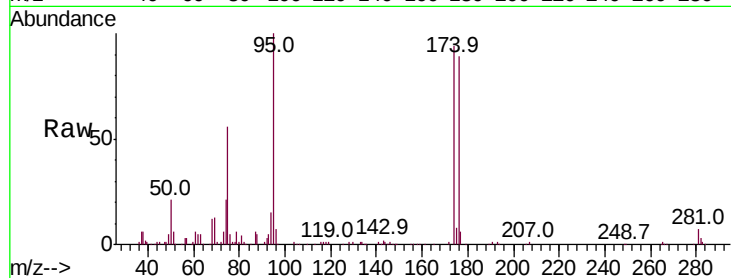
Tot Ion: 95 Resp: 117417

Ion Ratio Lower Upper

95 100

174 99.2 0.0 186.4

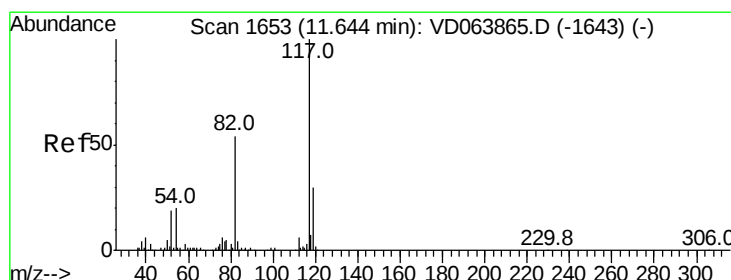
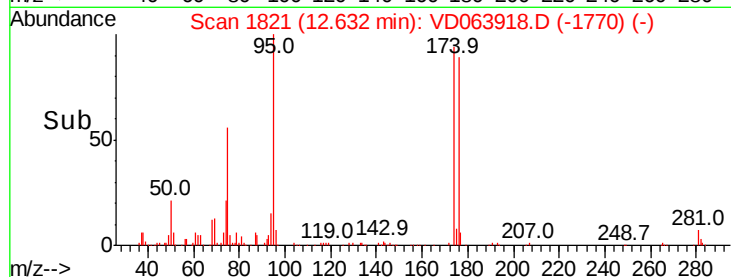
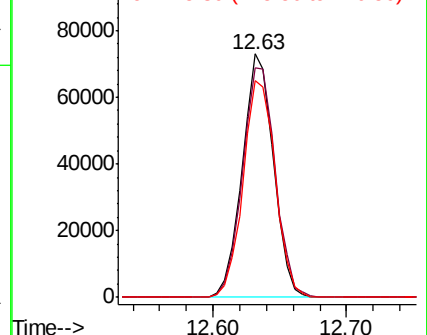
176 91.8 0.0 184.2



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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063918.D

Acq: 10 Oct 2019 18:59

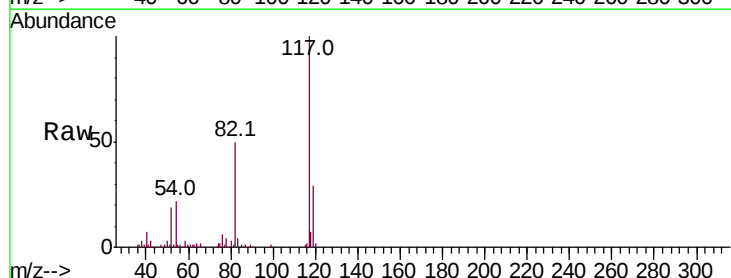
Tgt Ion: 117 Resp: 292088

Ion Ratio Lower Upper

117 100

82 50.3 42.8 64.2

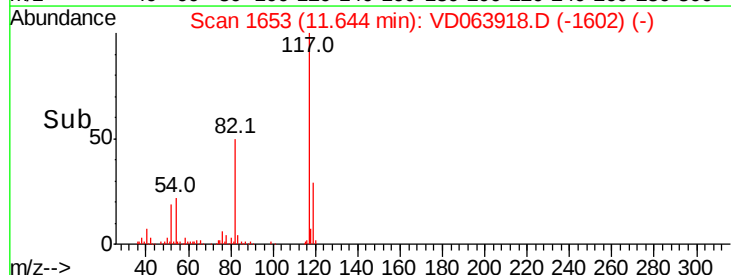
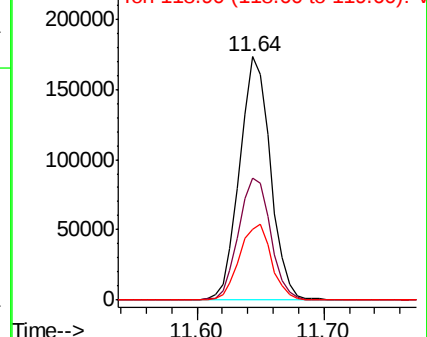
119 29.2 24.4 36.6

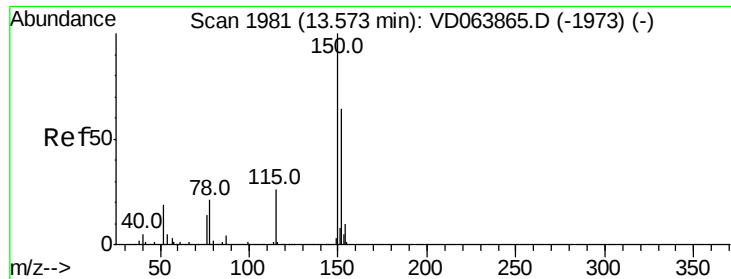


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD063918.D

Acq: 10 Oct 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

TP-4

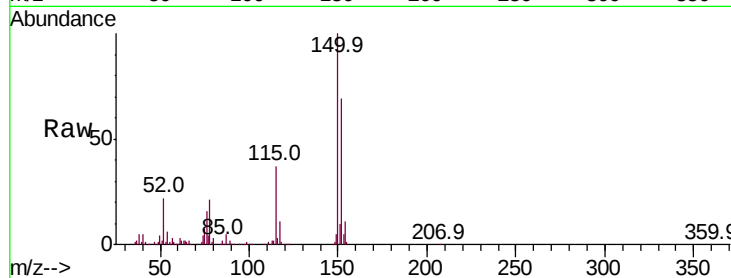
Tot Ion:152 Resp: 140780

Ion Ratio Lower Upper

152 100

115 54.4 25.9 77.7

150 153.5 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

