

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065163.D
 Acq On : 12 Feb 2020 15:19
 Operator : VA/SY
 Sample : L1510-03
 Misc : 5.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 13 07:00:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

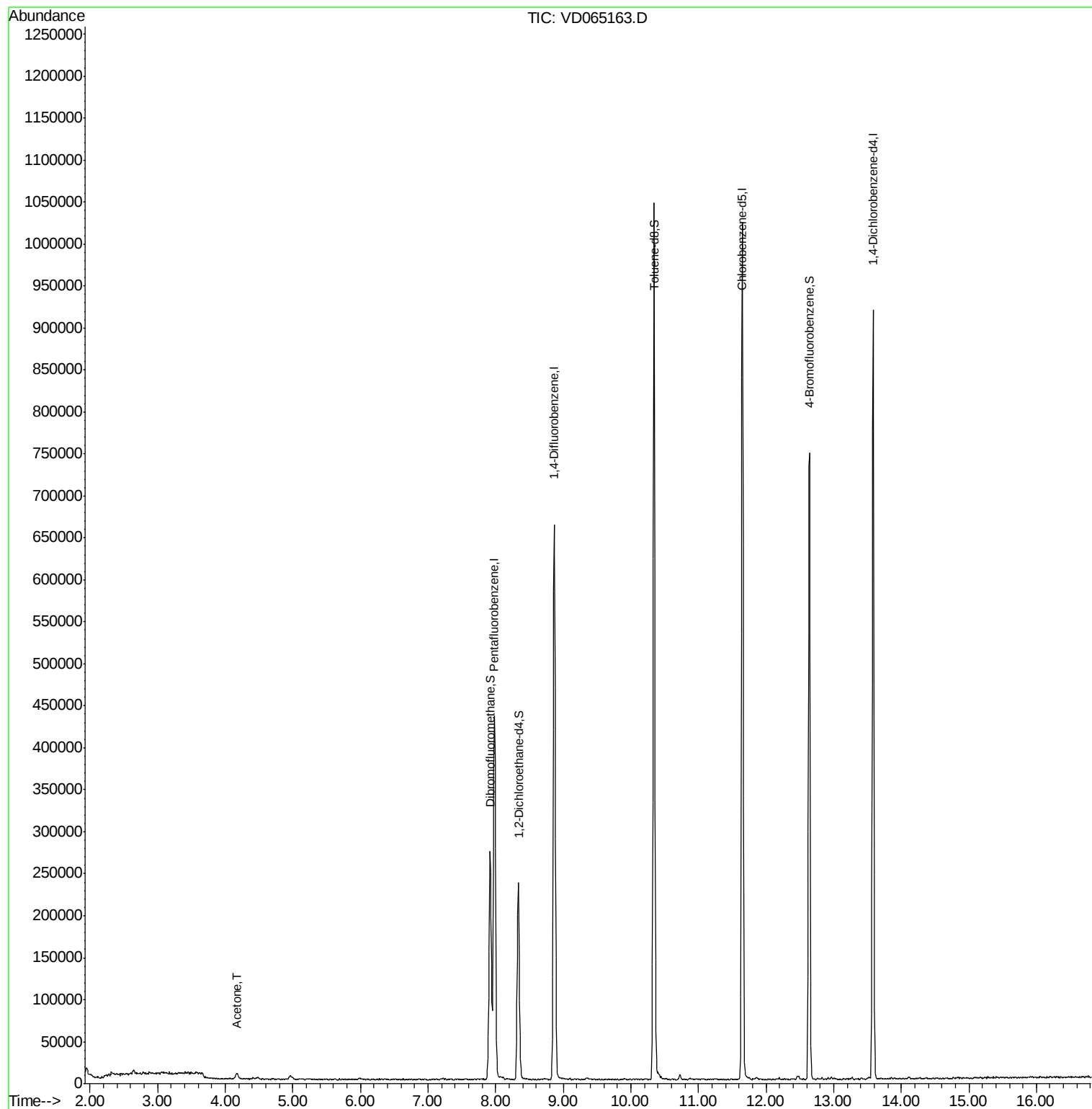
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	340841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	571205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	576621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	189914	65.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.12%	
35) Dibromofluoromethane	7.92	113	193726	60.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.58%	
50) Toluene-d8	10.34	98	692997	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.64	95	235094	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
Target Compounds						
16) Acetone	4.17	43	12339	17.037	ug/l	Qvalue 94

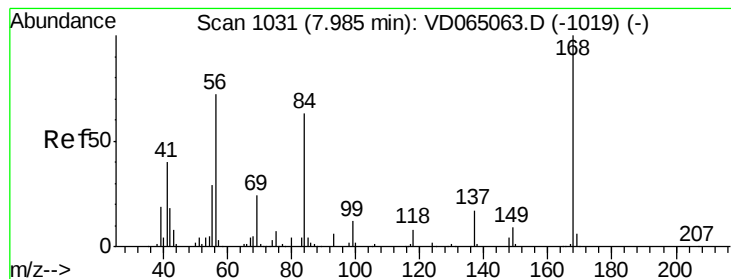
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

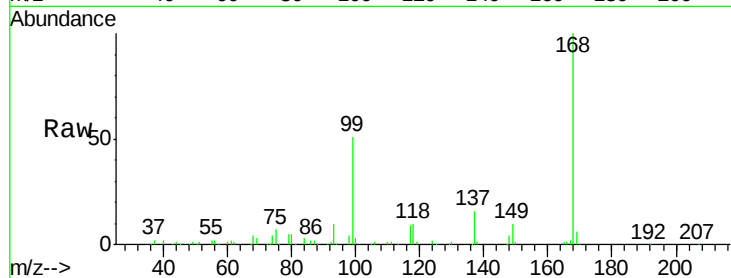
TP-2

Tot Ion:168 Resp: 340841

Ion Ratio Lower Upper

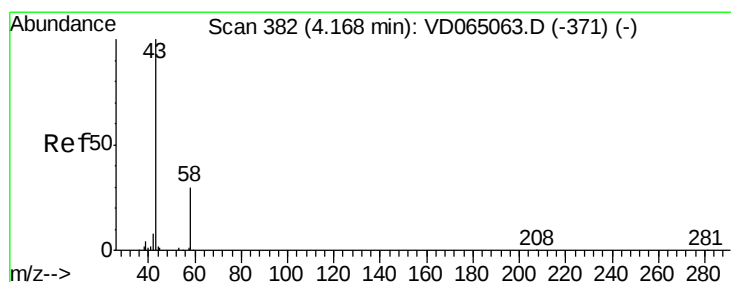
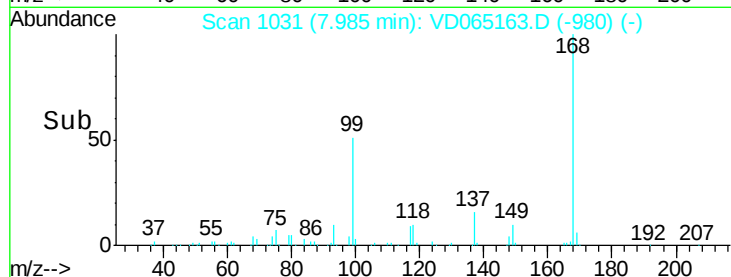
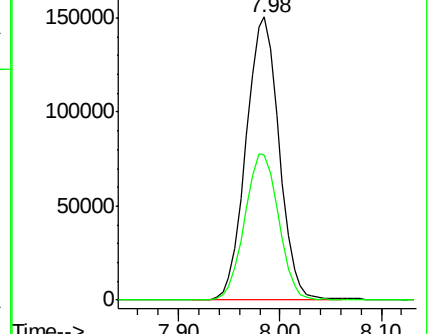
168 100

99 51.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 17.037 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065163.D

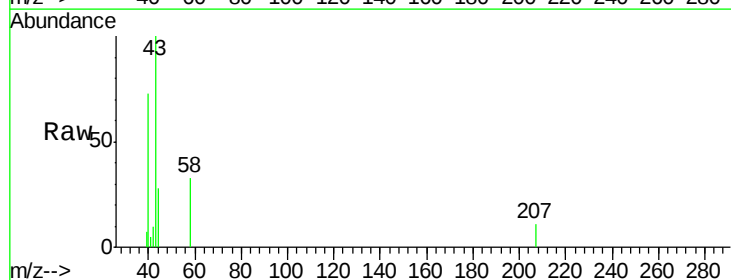
Acq: 12 Feb 2020 15:19

Tgt Ion: 43 Resp: 12339

Ion Ratio Lower Upper

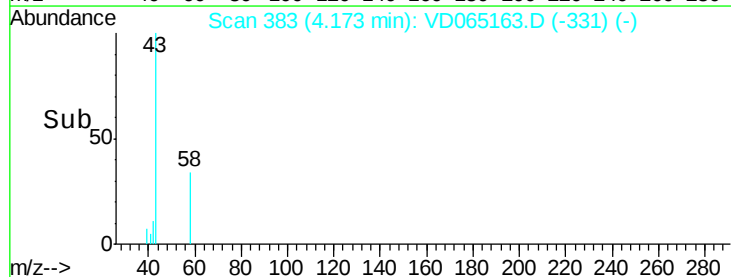
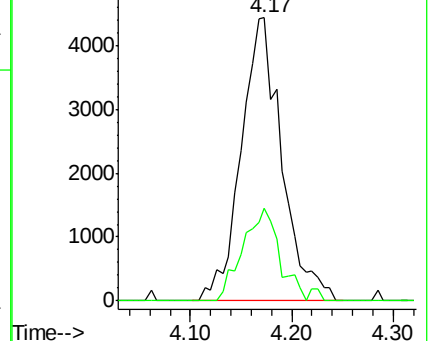
43 100

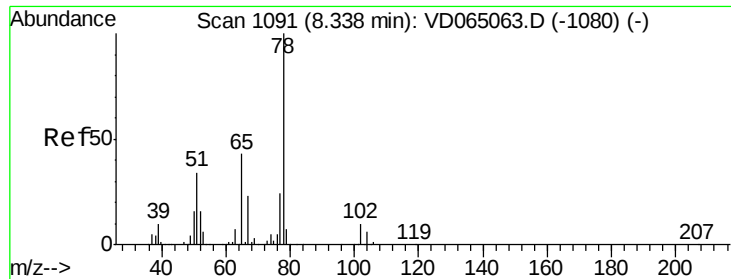
58 32.5 23.5 35.3



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: 65.559 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

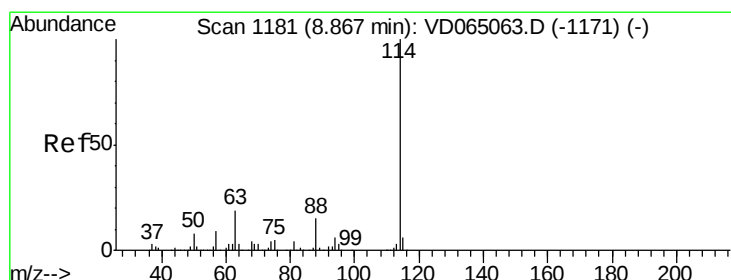
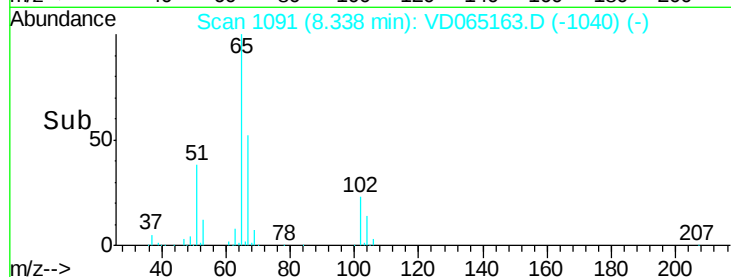
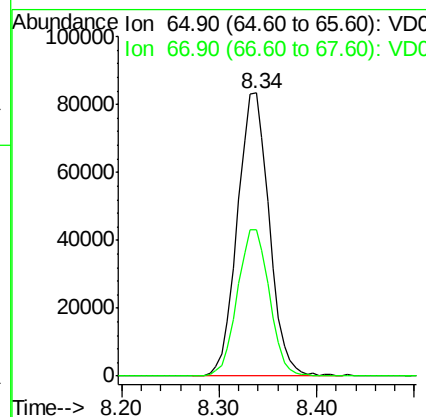
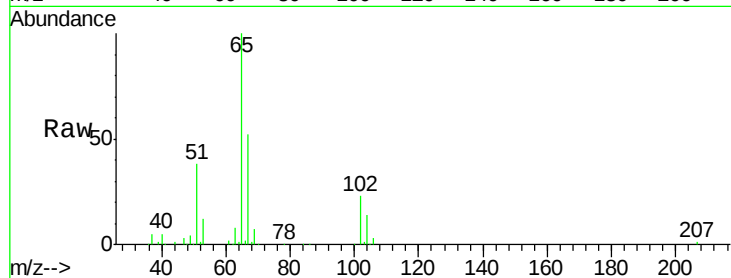
TP-2

Tot Ion: 65 Resp: 189914

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

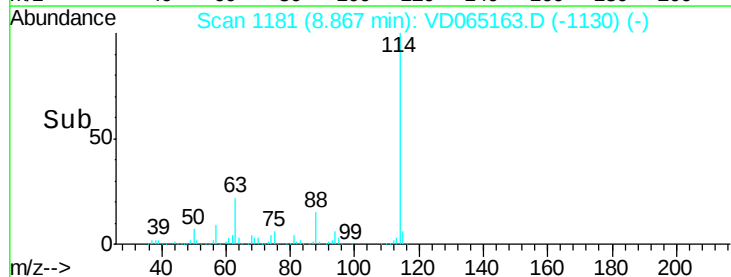
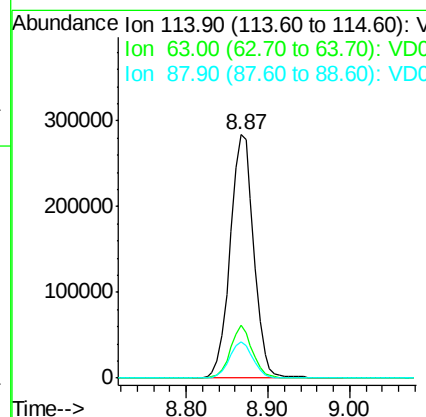
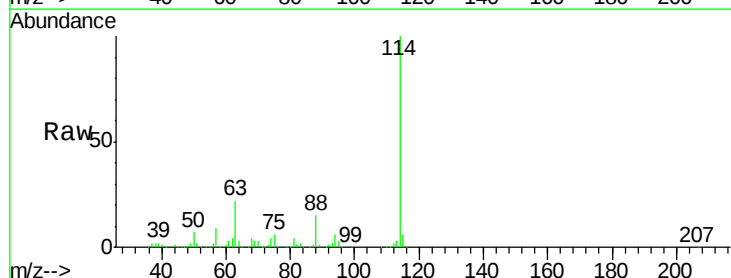
Tgt Ion: 114 Resp: 571205

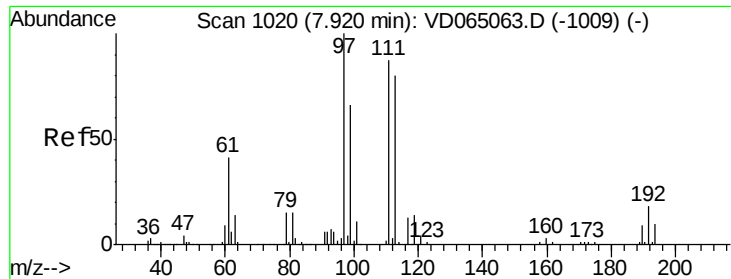
Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.8

88 15.1 0.0 29.6

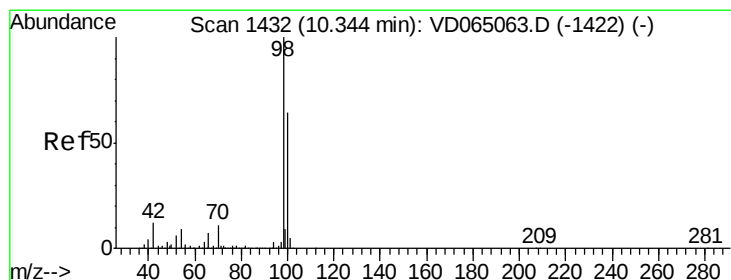
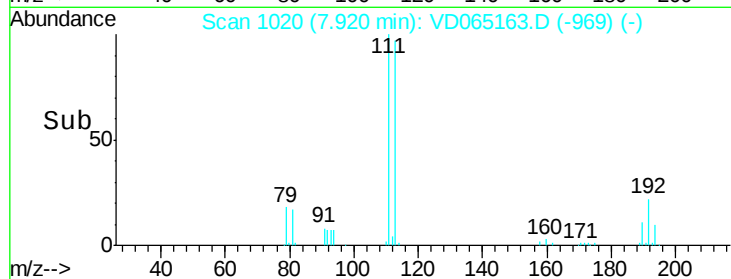
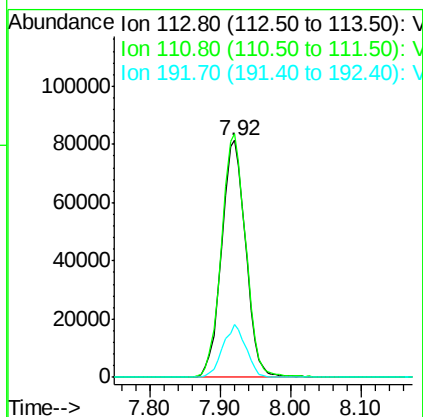
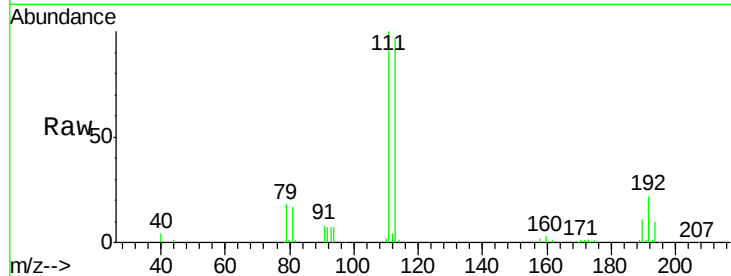




#35
 Dibromofluoromethane
 Concen: 60.787 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065163.D
 Acq: 12 Feb 2020 15:19

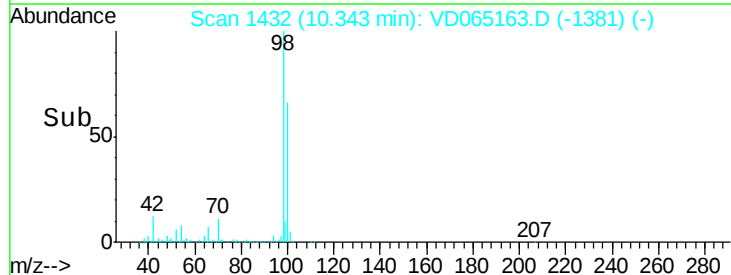
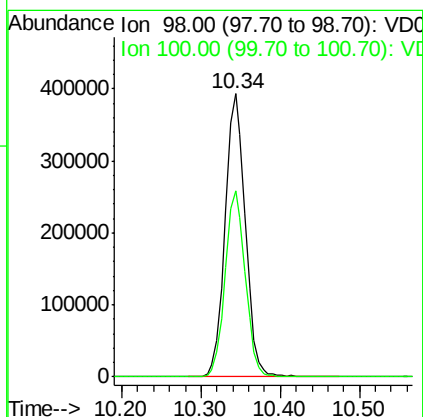
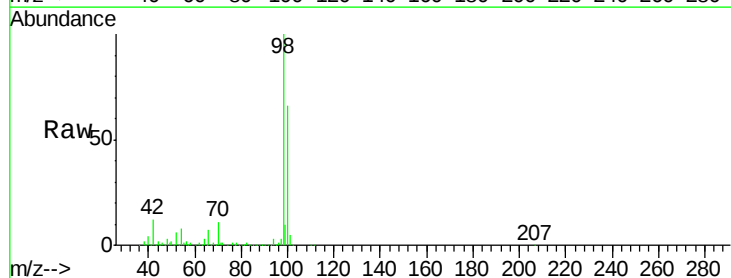
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

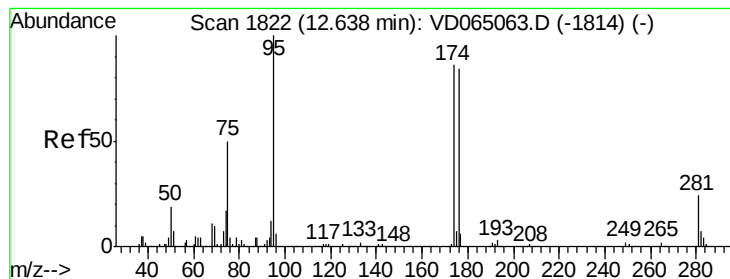
Tot Ion:113 Resp: 193726
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.1 124.7
 192 21.4 18.1 27.1



#50
 Toluene-d8
 Concen: 54.631 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065163.D
 Acq: 12 Feb 2020 15:19

Tgt Ion: 98 Resp: 692997
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 58.489 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2

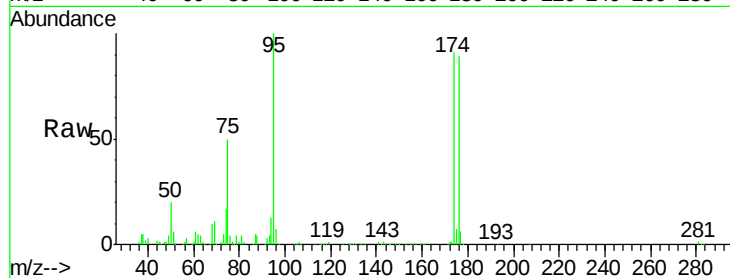
Tot Ion: 95 Resp: 235094

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.0

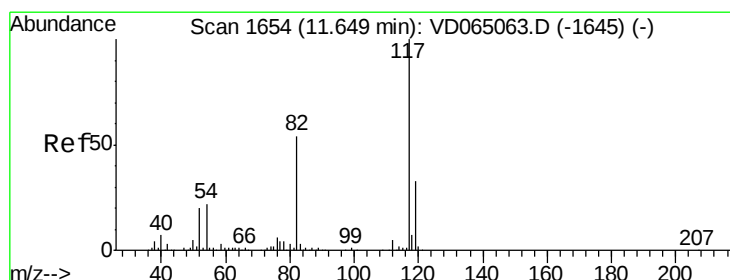
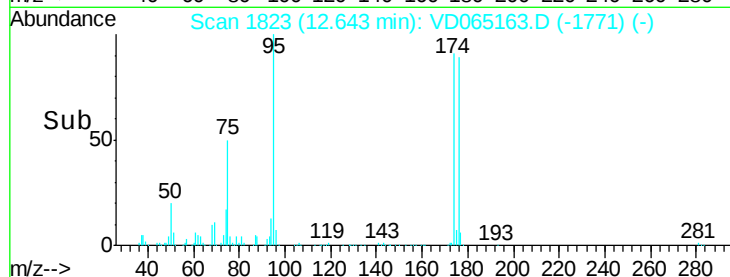
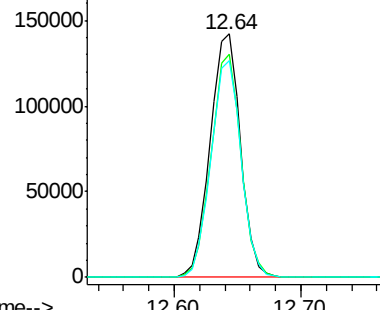
176 88.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065163.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065163.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065163.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

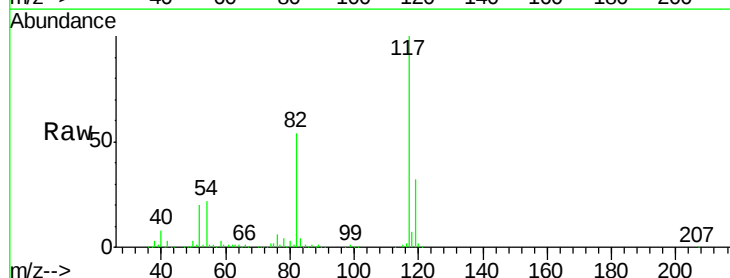
Tgt Ion: 117 Resp: 576621

Ion Ratio Lower Upper

117 100

82 53.9 43.1 64.7

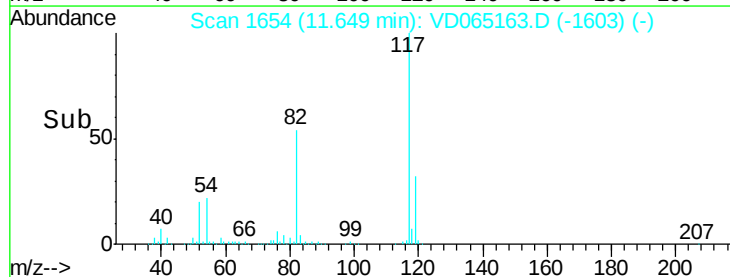
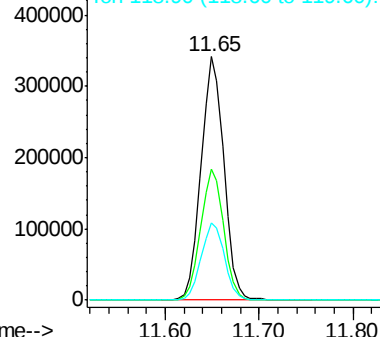
119 31.5 26.0 39.0

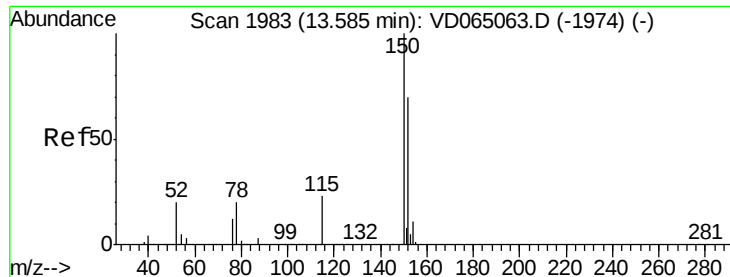


Abundance Ion 116.90 (116.60 to 117.60): VD065163.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065163.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065163.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2

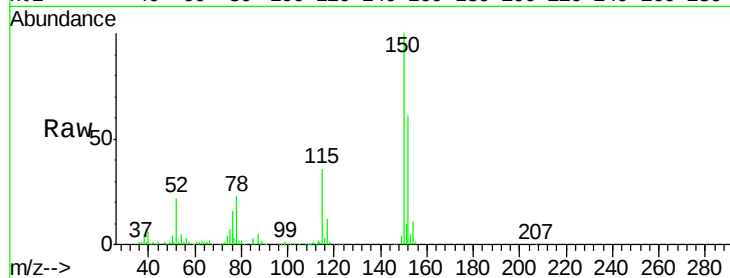
Tot Ion:152 Resp: 243061

Ion Ratio Lower Upper

152 100

115 55.4 27.5 82.4

150 155.9 0.0 343.2



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

