

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065115.D
 Acq On : 07 Feb 2020 17:45
 Operator : VA/SY
 Sample : L1431-10
 Misc : 9.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11986

Quant Time: Feb 08 00:50:03 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

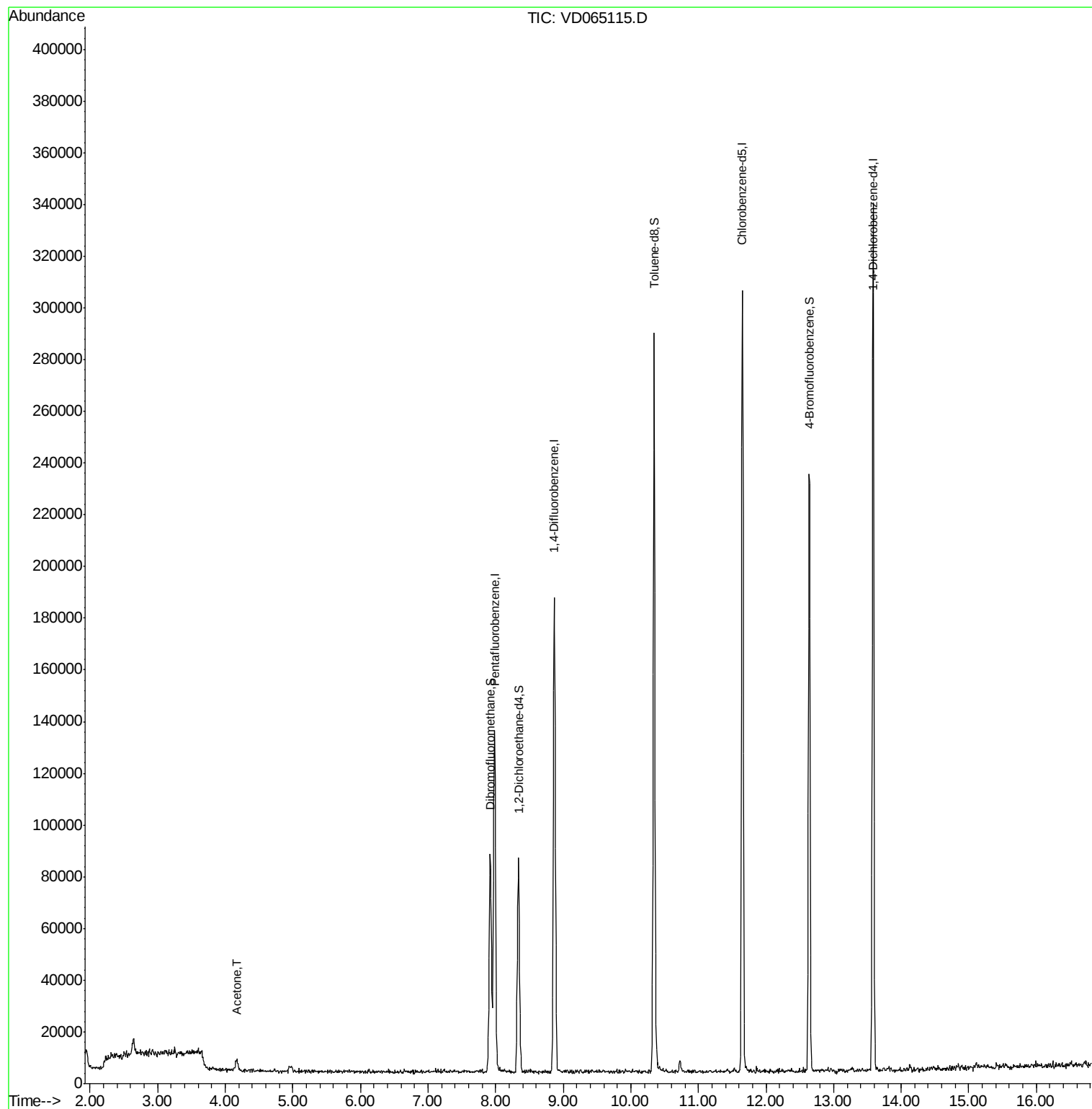
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	99170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	149897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	174652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	88838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	65780	78.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.08%	
35) Dibromofluoromethane	7.92	113	57805	69.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.24%	
50) Toluene-d8	10.34	98	189548	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
62) 4-Bromofluorobenzene	12.64	95	73670	69.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.68%	
Target Compounds						
16) Acetone	4.17	43	7364	34.945	ug/l	Qvalue 97

(#) = 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: VD065115.D

Acq: 07 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

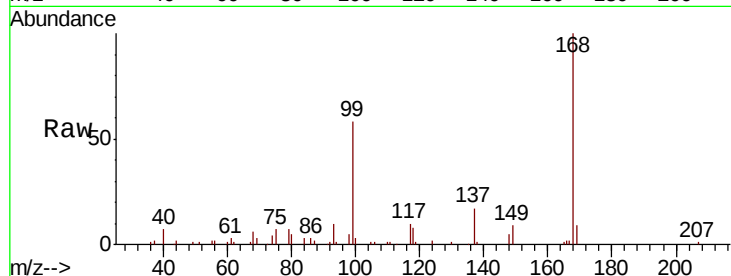
72-11986

Tot Ion:168 Resp: 99170

Ion Ratio Lower Upper

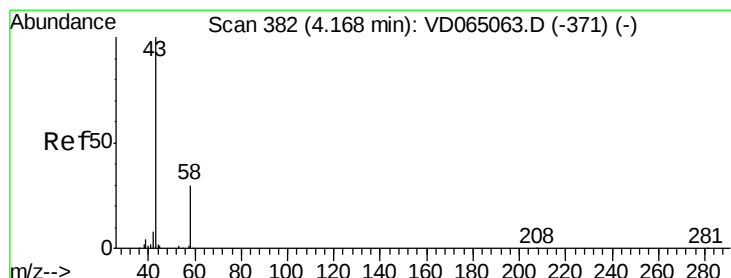
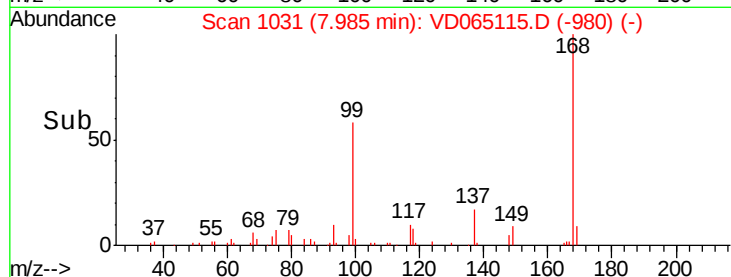
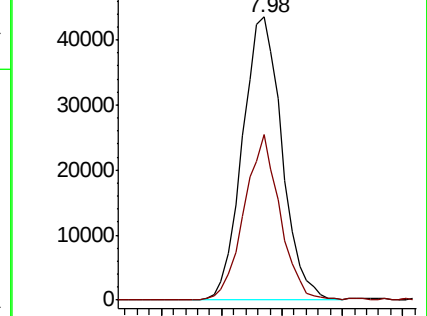
168 100

99 58.3 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: 34.945 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065115.D

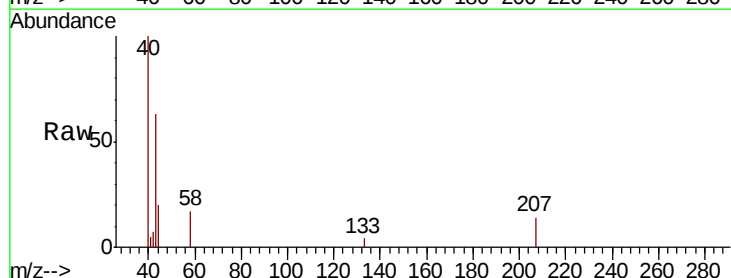
Acq: 07 Feb 2020 17:45

Tgt Ion: 43 Resp: 7364

Ion Ratio Lower Upper

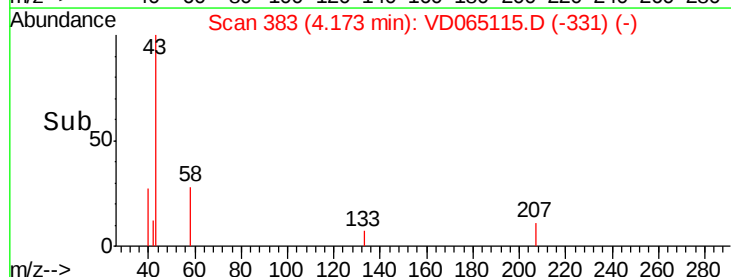
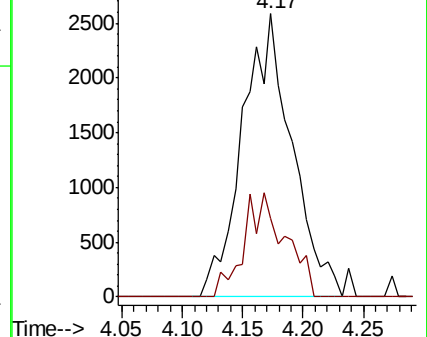
43 100

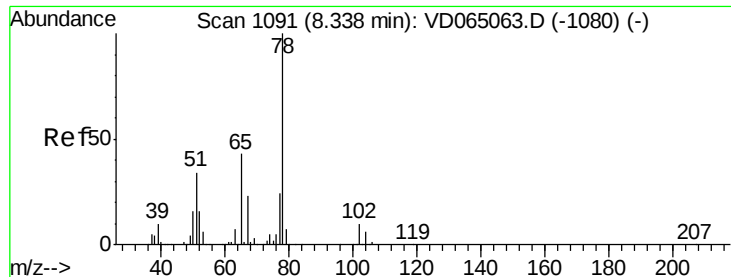
58 27.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

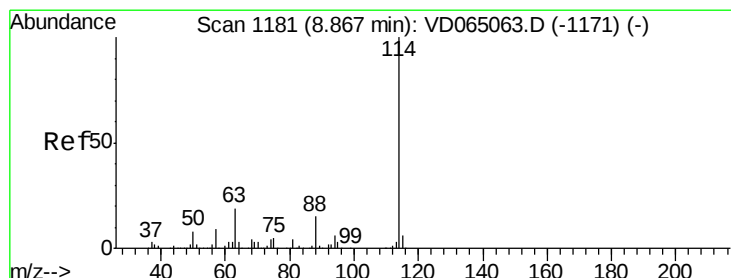
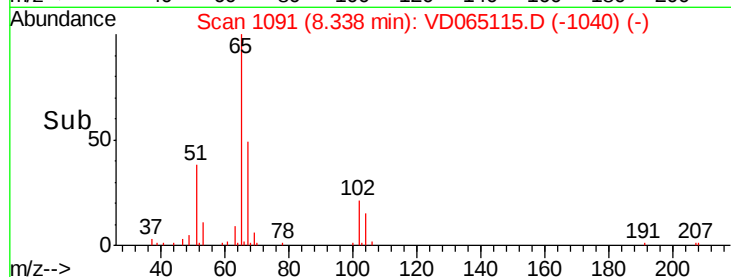
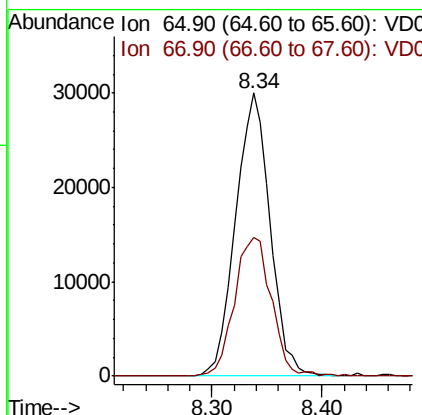
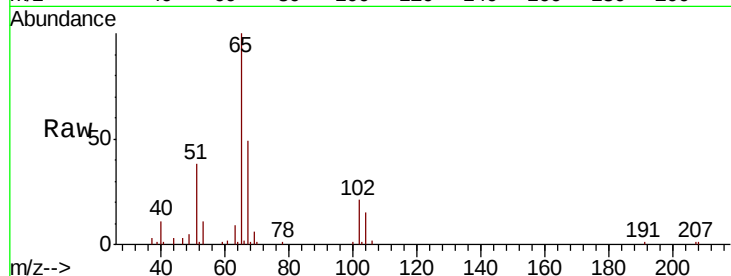




#33
 1,2-Dichloroethane-d4
 Concen: 78.044 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065115.D
 Acq: 07 Feb 2020 17:45

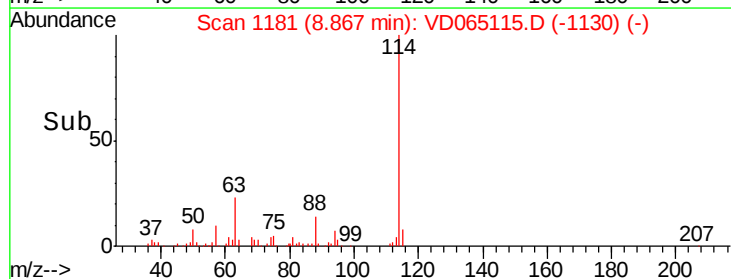
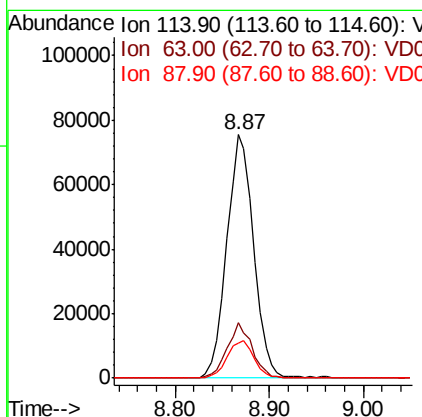
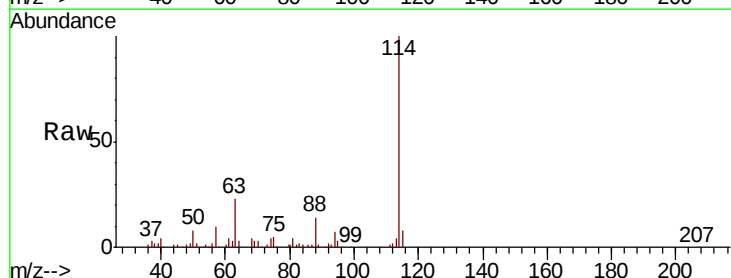
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11986

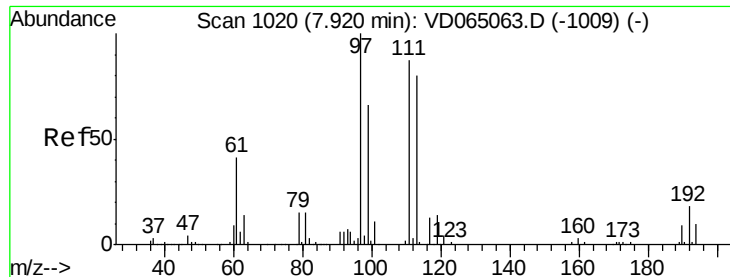
Tot Ion: 65 Resp: 65780
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065115.D
 Acq: 07 Feb 2020 17:45

Tgt Ion: 114 Resp: 149897
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 38.8
 88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 69.117 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065115.D

Acq: 07 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

72-11986

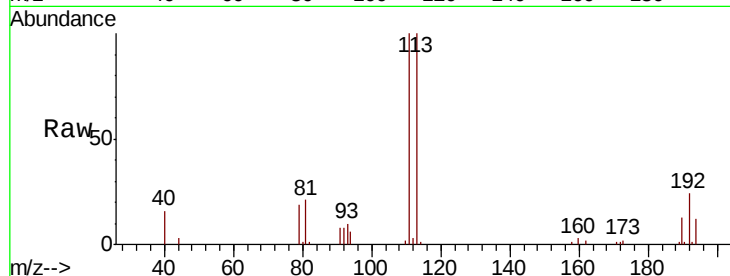
Tot Ion:113 Resp: 57805

Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

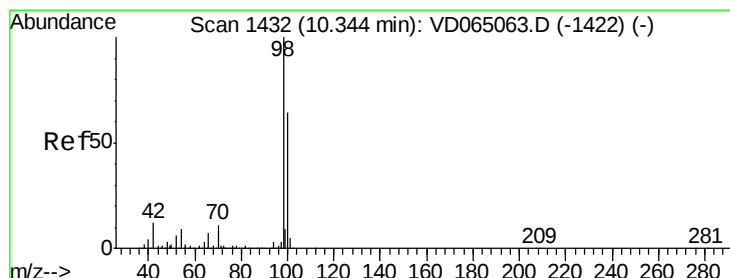
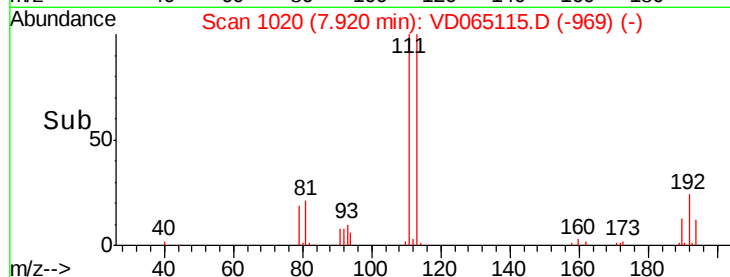
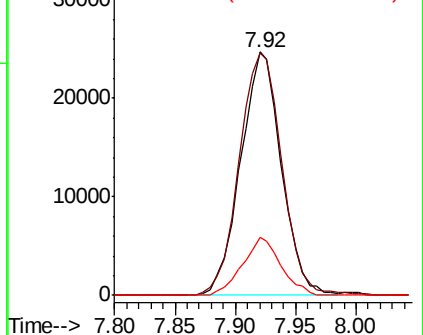
192 22.3 18.1 27.1



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: 56.941 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065115.D

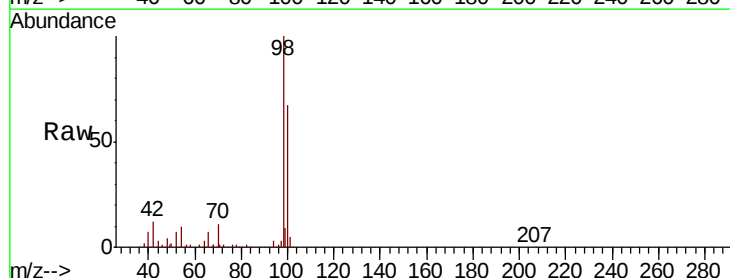
Acq: 07 Feb 2020 17:45

Tgt Ion: 98 Resp: 189548

Ion Ratio Lower Upper

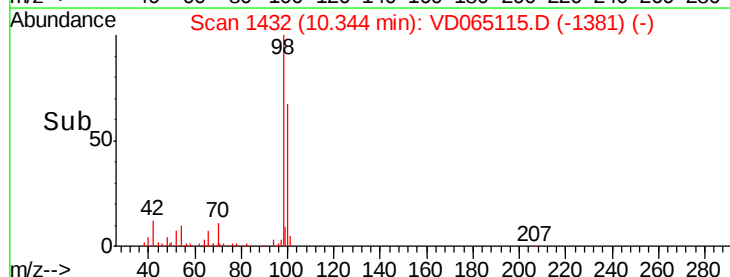
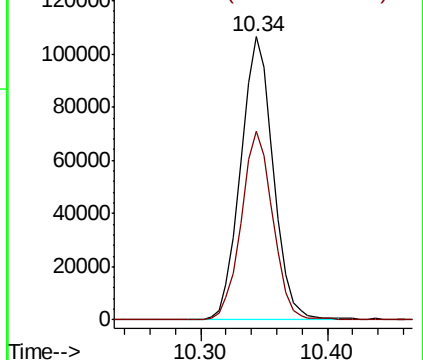
98 100

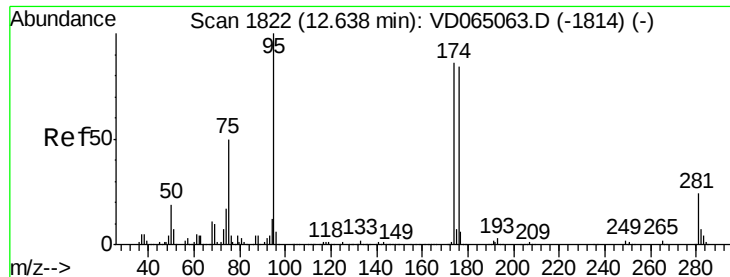
100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

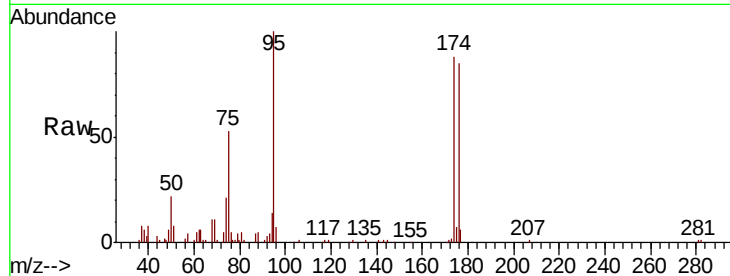




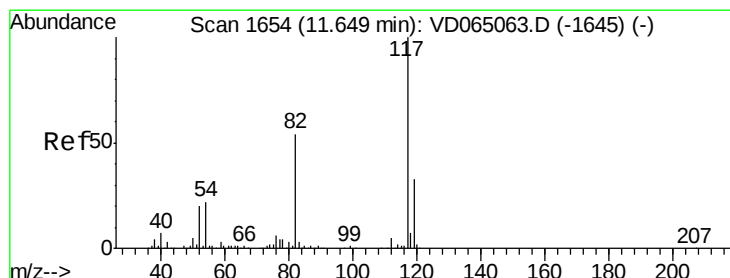
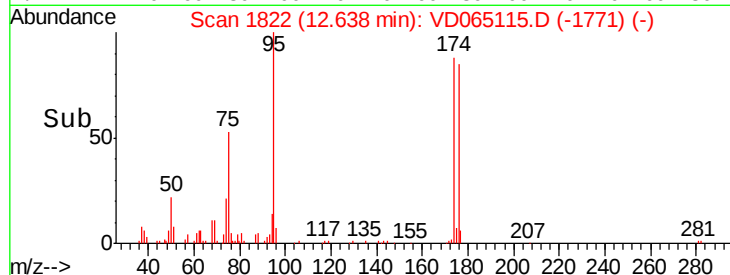
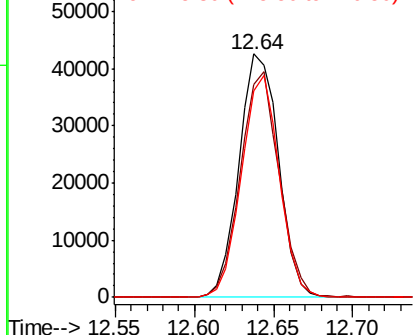
#62
4-Bromofluorobenzene
Concen: 69.843 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065115.D
Acq: 07 Feb 2020 17:45

Instrument :
MSVOA_D
ClientSampled :
72-11986

Tot Ion: 95 Resp: 73670
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.0
176 87.5 0.0 173.2

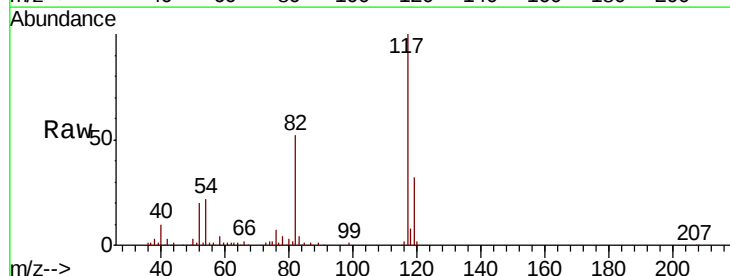


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

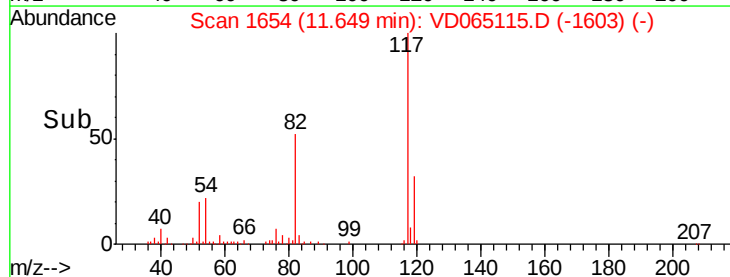
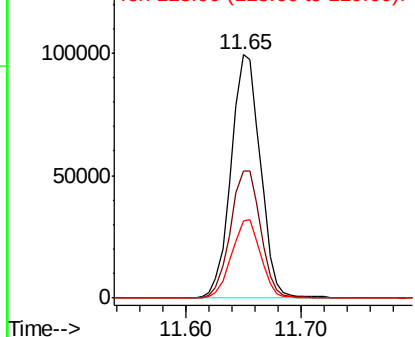


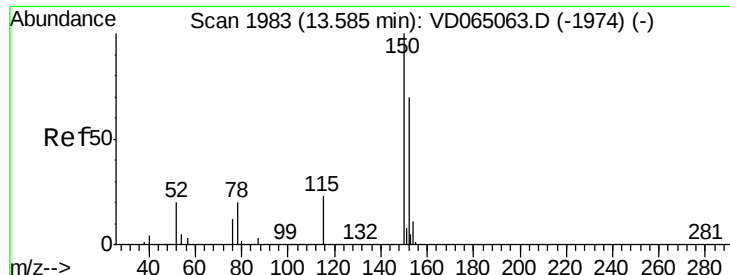
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065115.D
Acq: 07 Feb 2020 17:45

Tgt Ion: 117 Resp: 174652
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 32.0 26.0 39.0



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# 1983

Delta R.T. -0.00 min

Lab File: VD065115.D

Acq: 07 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

72-11986

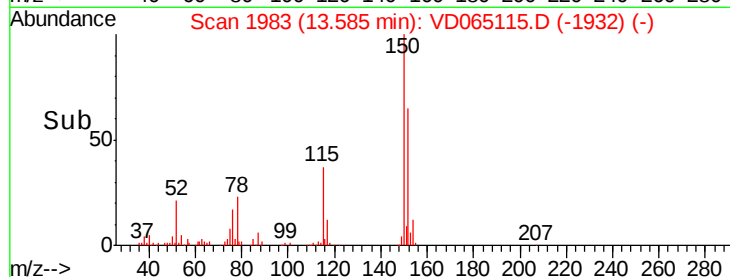
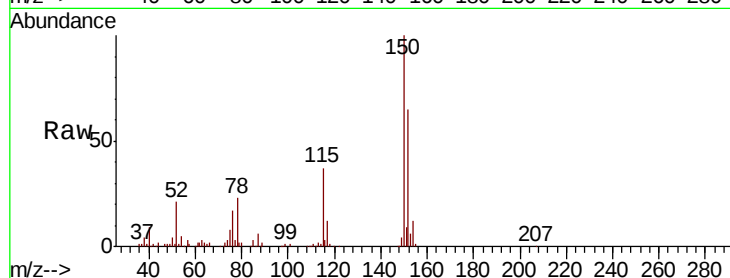
Tot Ion:152 Resp: 88838

Ion Ratio Lower Upper

152 100

115 55.3 27.5 82.4

150 154.8 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

