

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065346.D
 Acq On : 27 Feb 2020 15:55
 Operator : VA/SY
 Sample : L1719-02
 Misc : 7.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MP-1-VOC

Quant Time: Feb 28 01:19:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

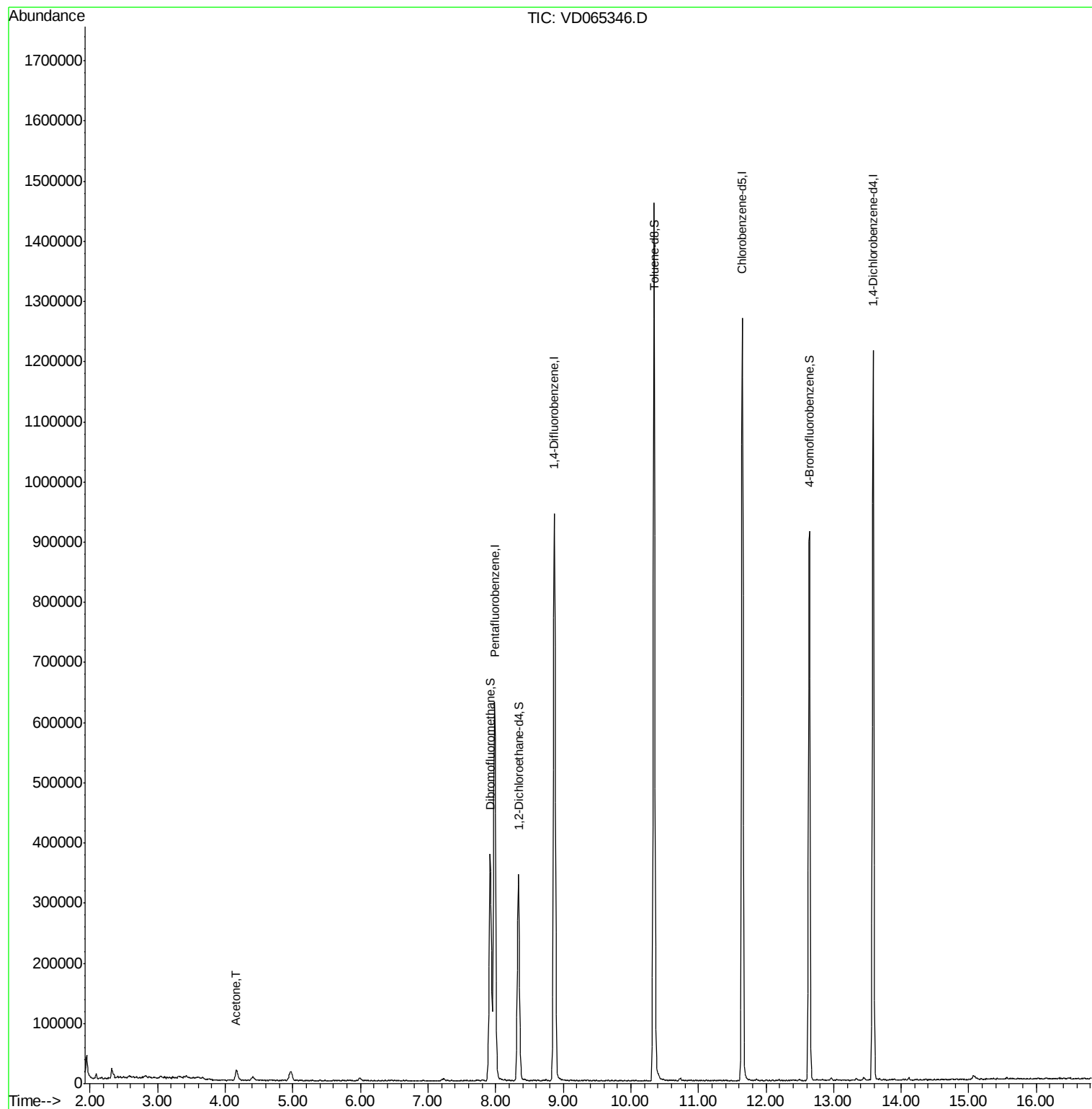
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	492841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	826869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	745979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	334277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	271388	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
35) Dibromofluoromethane	7.92	113	270776	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.34	98	988005	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.64	95	299601	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
Target Compounds						
16) Acetone	4.17	43	29427	27.152	ug/l	Qvalue 96

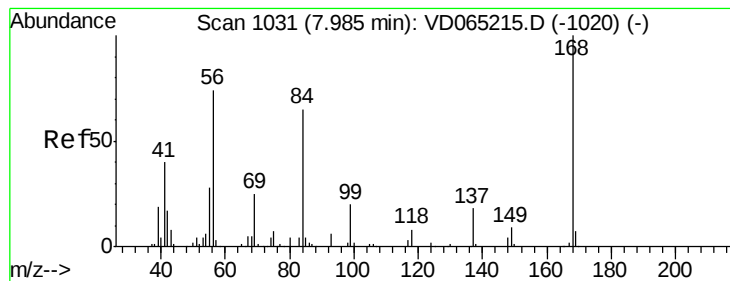
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065346.D

Acq: 27 Feb 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

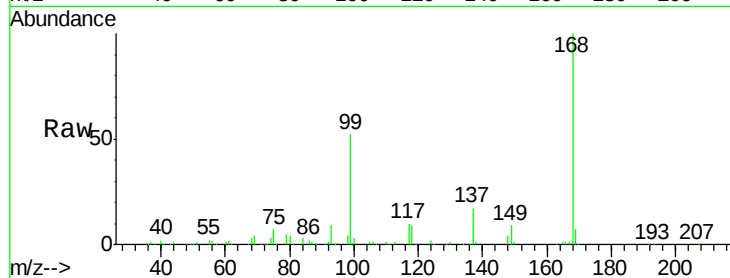
MP-1-VOC

Tot Ion:168 Resp: 492841

Ion Ratio Lower Upper

168 100

99 52.2 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

150000

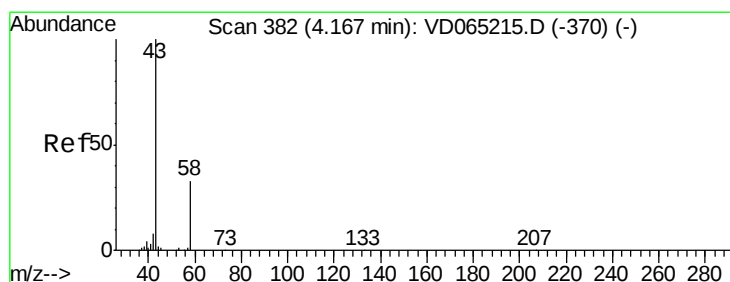
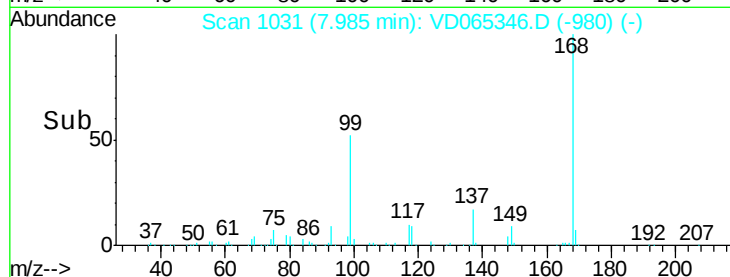
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 27.152 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065346.D

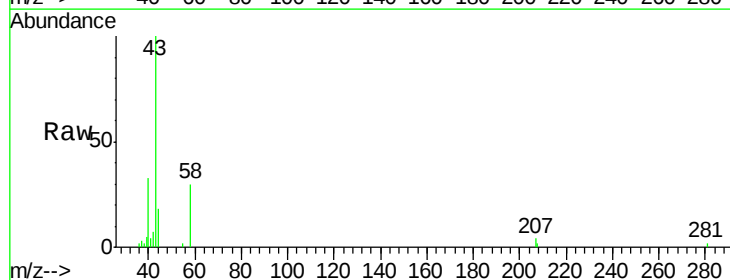
Acq: 27 Feb 2020 15:55

Tgt Ion: 43 Resp: 29427

Ion Ratio Lower Upper

43 100

58 30.5 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

12000

10000

8000

6000

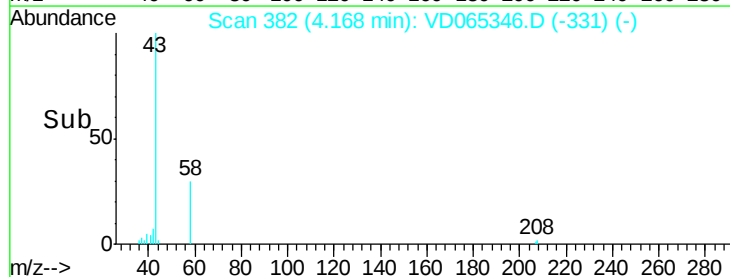
4000

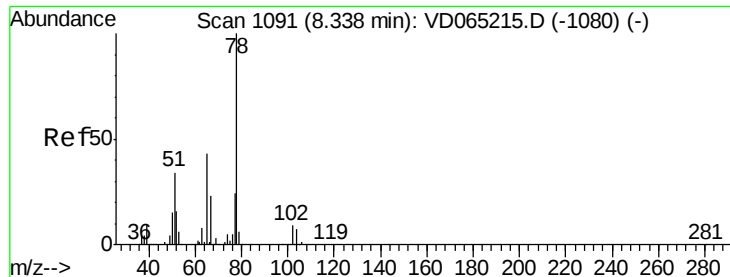
2000

0

Time-->

4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 61.211 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065346.D

Acq: 27 Feb 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

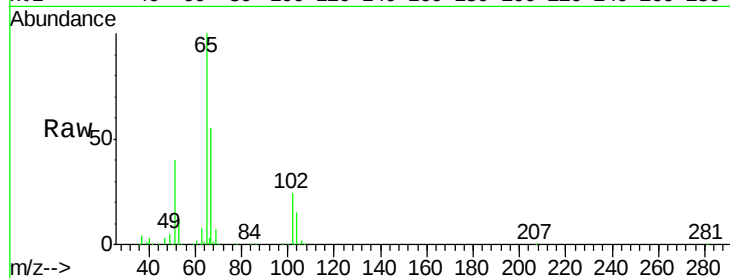
MP-1-VOC

Tot Ion: 65 Resp: 271388

Ion Ratio Lower Upper

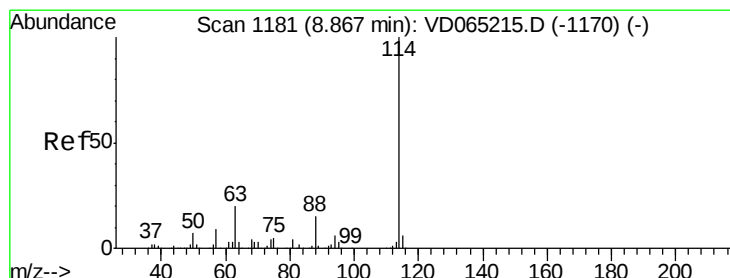
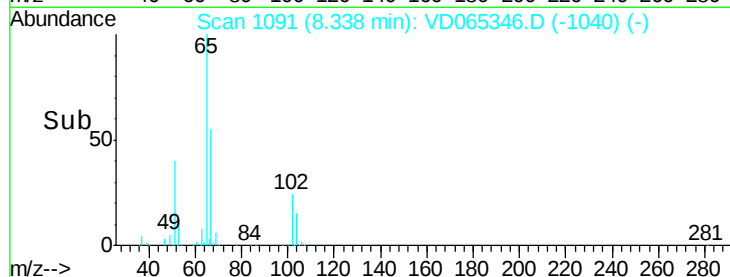
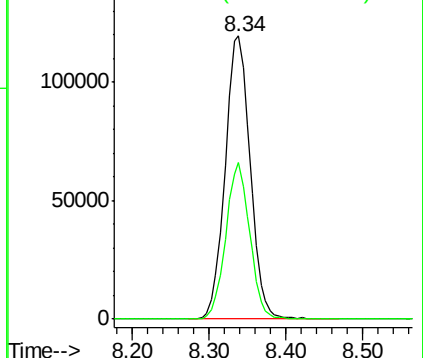
65 100

67 52.8 0.0 106.8



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: VD065346.D

Acq: 27 Feb 2020 15:55

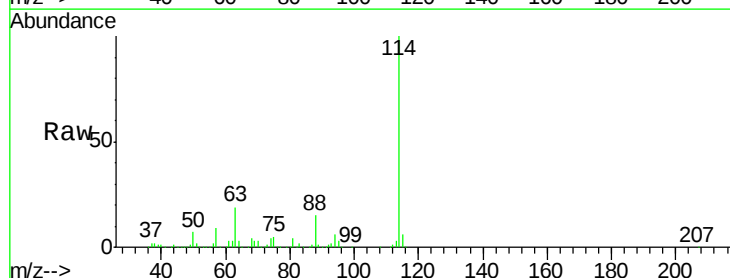
Tgt Ion: 114 Resp: 826869

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

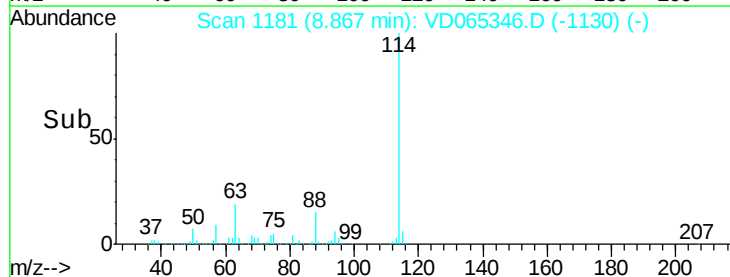
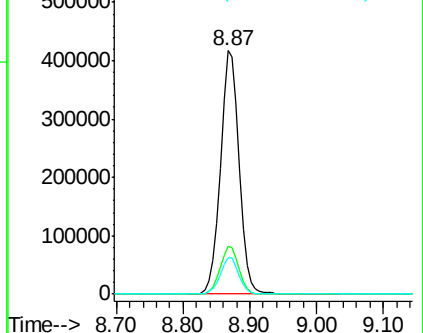
88 15.2 0.0 30.4

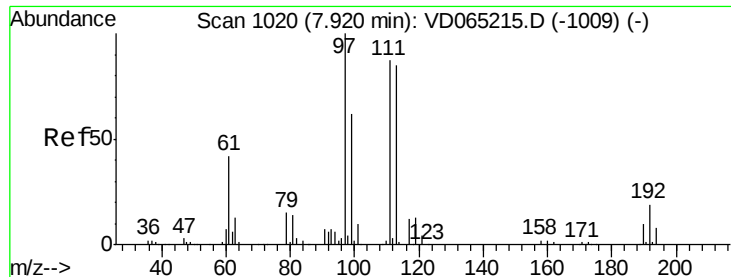


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

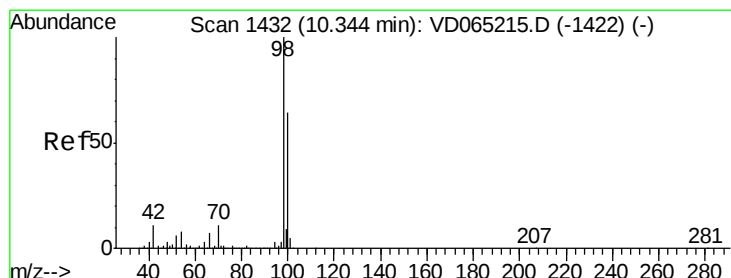
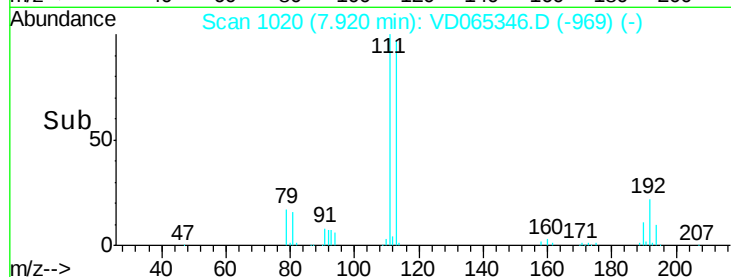
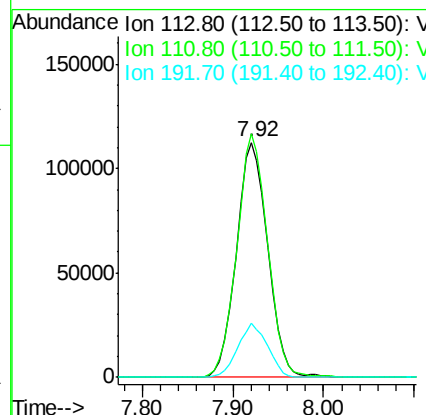
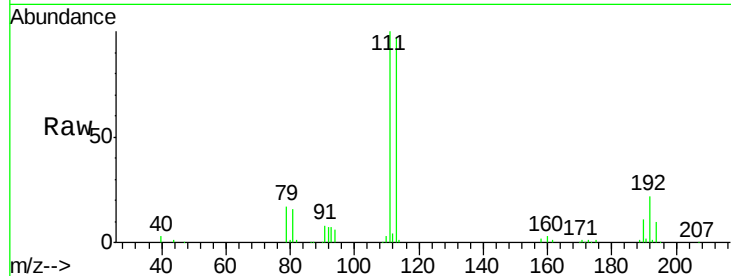




#35
 Dibromofluoromethane
 Concen: 53.707 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065346.D
 Acq: 27 Feb 2020 15:55

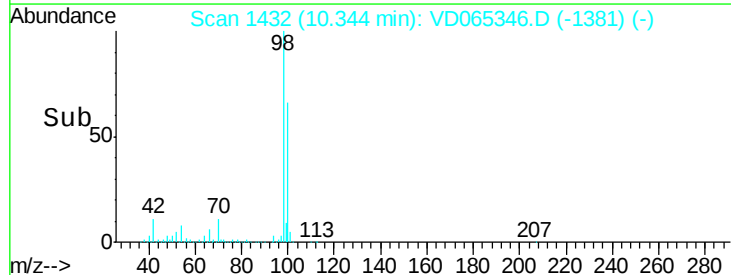
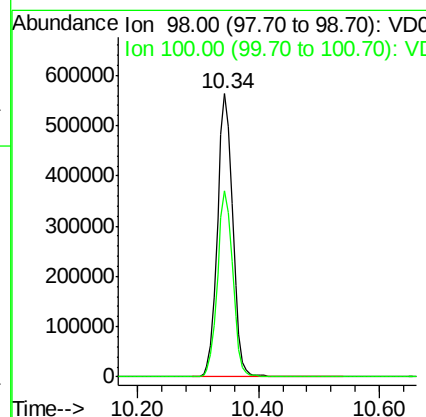
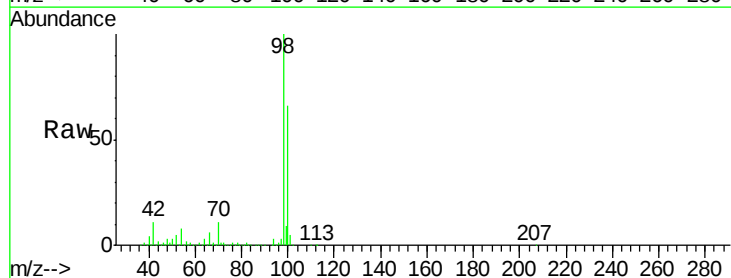
Instrument :
 MSVOA_D
 ClientSampleId :
 MP-1-VOC

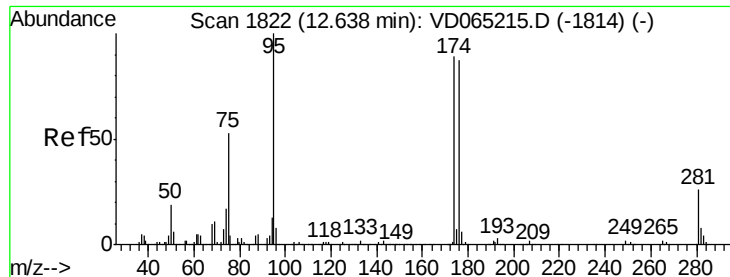
Tot Ion:113 Resp: 270776
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.9 124.3
 192 22.2 17.3 25.9



#50
 Toluene-d8
 Concen: 51.261 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065346.D
 Acq: 27 Feb 2020 15:55

Tgt Ion: 98 Resp: 988005
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.0 78.0

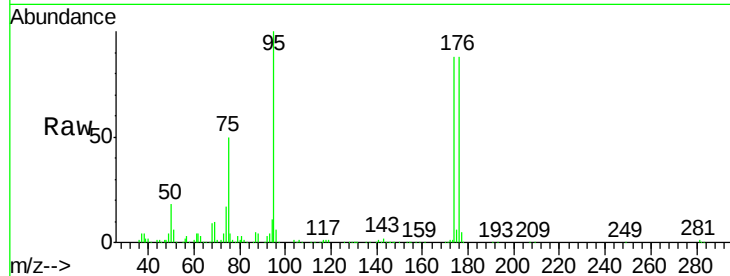




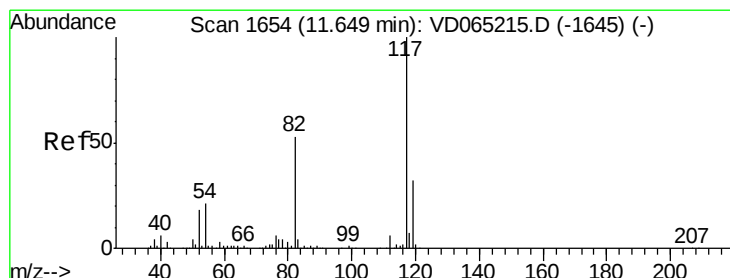
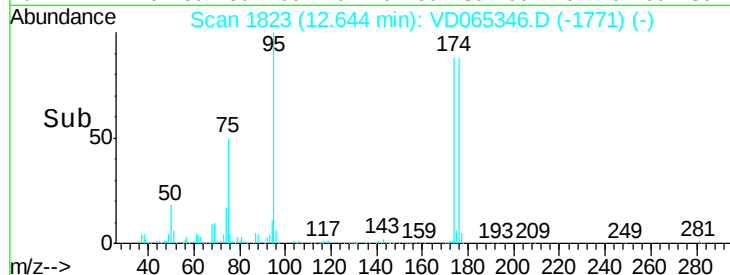
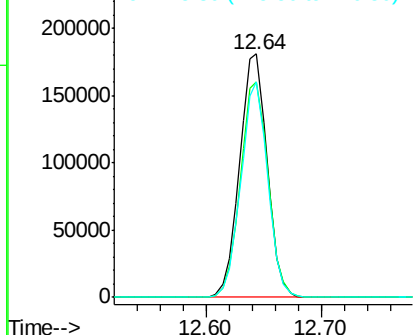
#62
4-Bromofluorobenzene
Concen: 49.067 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065346.D
Acq: 27 Feb 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
MP-1-VOC

Tot Ion: 95 Resp: 299601
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 85.9 0.0 174.4

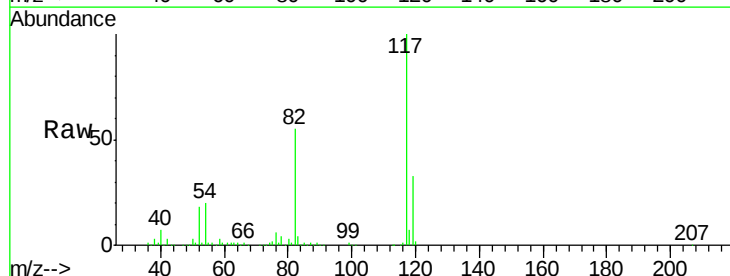


Abundance Ion 94.90 (94.60 to 95.60): VD
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

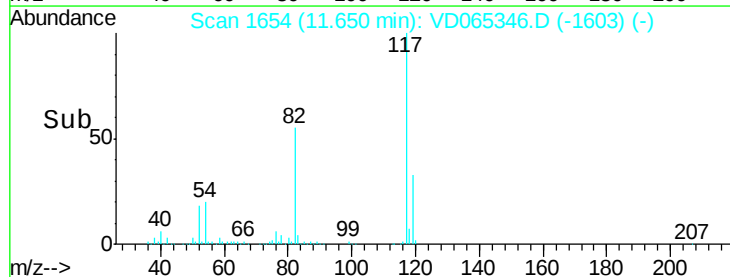
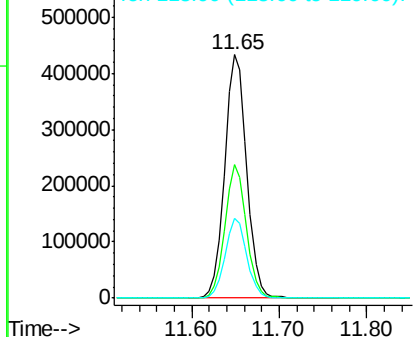


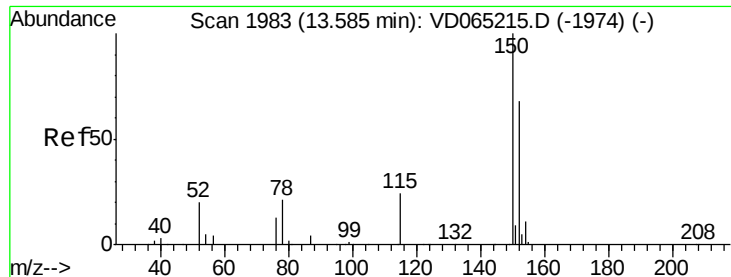
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065346.D
Acq: 27 Feb 2020 15:55

Tgt Ion: 117 Resp: 745979
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 32.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
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: VD065346.D

Acq: 27 Feb 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

MP-1-VOC

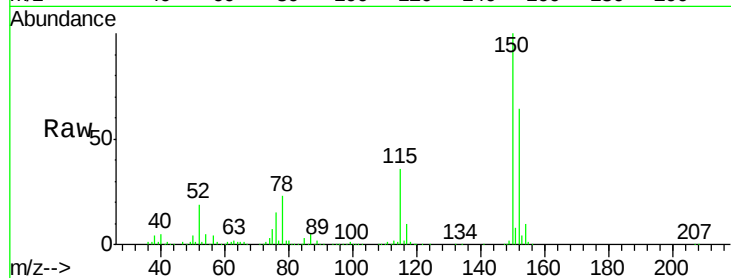
Tot Ion:152 Resp: 334277

Ion Ratio Lower Upper

152 100

115 56.0 27.6 82.8

150 156.8 0.0 347.4



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

