

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022520\
 Data File : VD065309.D
 Acq On : 25 Feb 2020 15:31
 Operator : VA/SY
 Sample : L1681-01
 Misc : 8.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-BORING-1

Quant Time: Feb 25 23:51:56 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

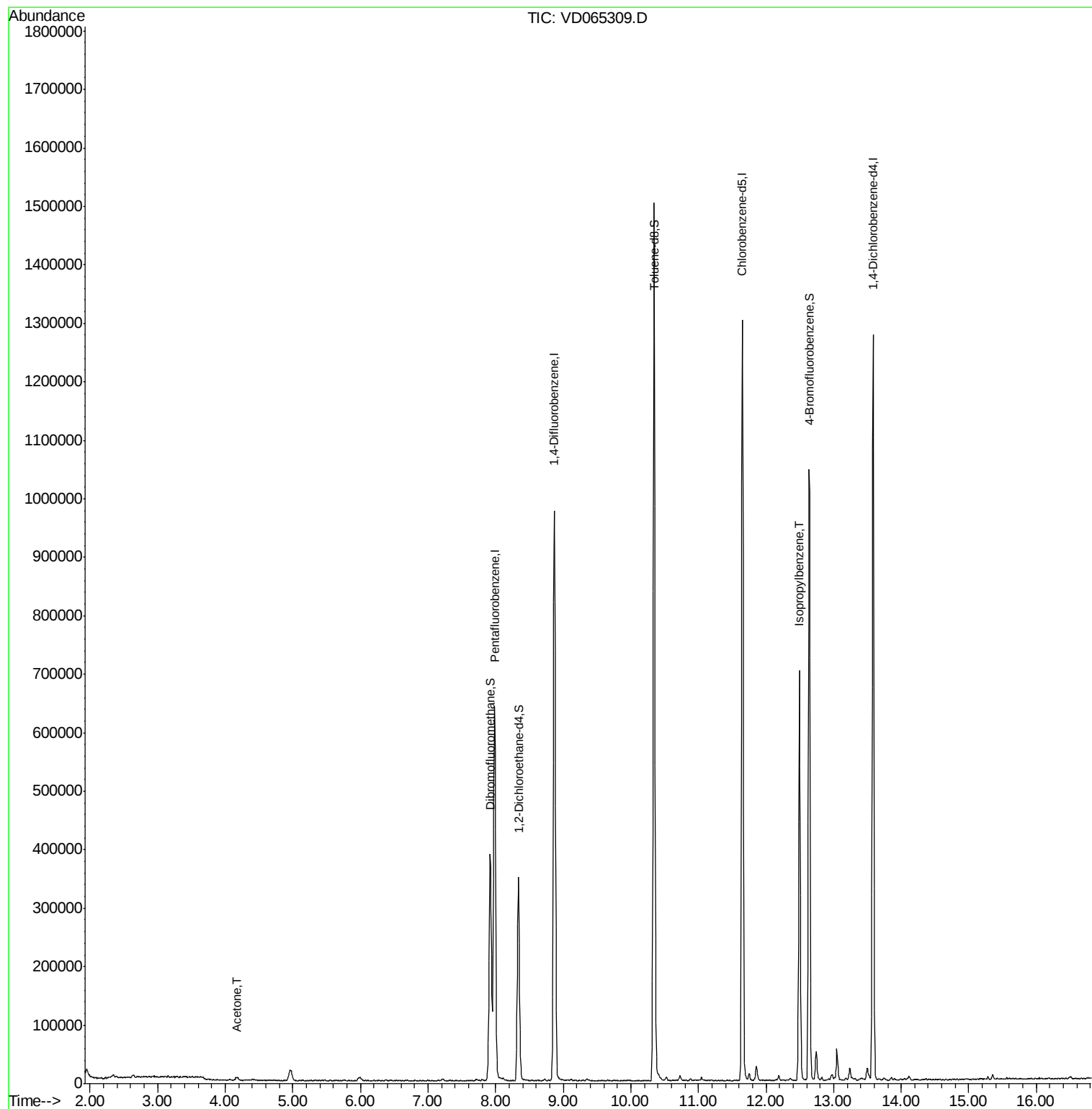
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	495502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	862571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	768195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268579	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
35) Dibromofluoromethane	7.92	113	280369	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
50) Toluene-d8	10.34	98	1034457	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.64	95	343611	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
Target Compounds						
16) Acetone	4.17	43	9533	8.749	ug/l	94
73) Isopropylbenzene	12.50	105	32409	1.412	ug/l #	72

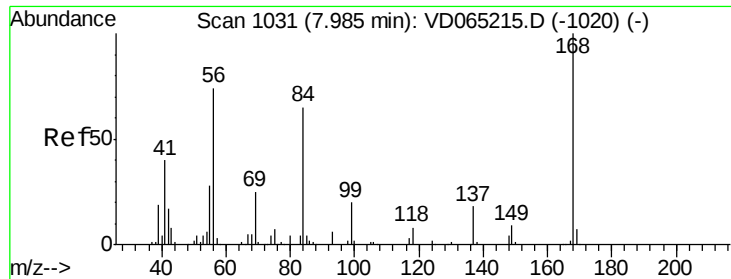
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065309.D

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Instrument :

MSVOA_D

ClientSampleId :

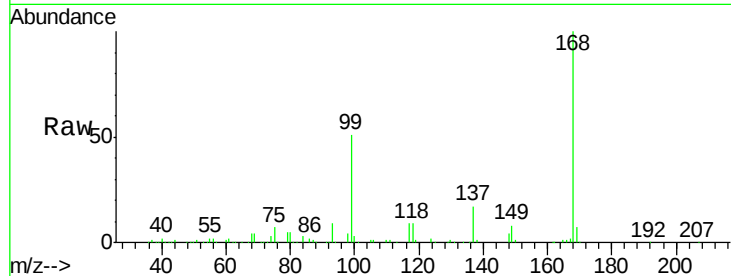
SH-BORING-1

Tot Ion:168 Resp: 495502

Ion Ratio Lower Upper

168 100

99 51.2 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

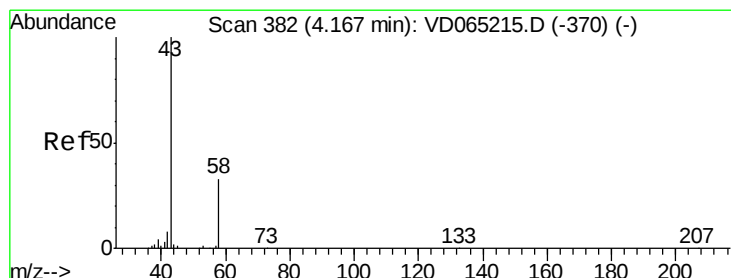
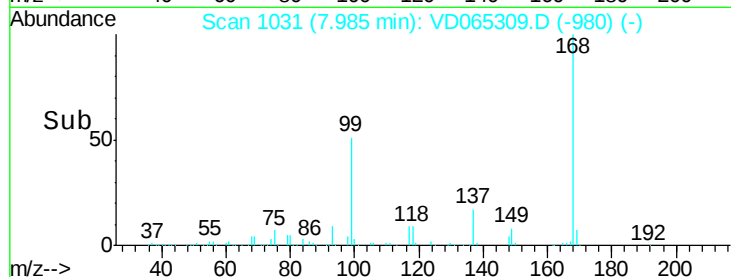
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.749 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065309.D

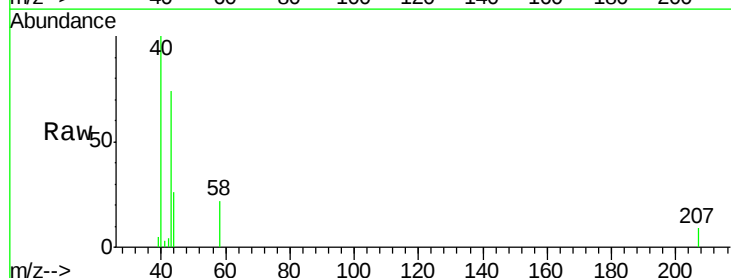
Acq: 25 Feb 2020 15:31

Tgt Ion: 43 Resp: 9533

Ion Ratio Lower Upper

43 100

58 29.6 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

4000

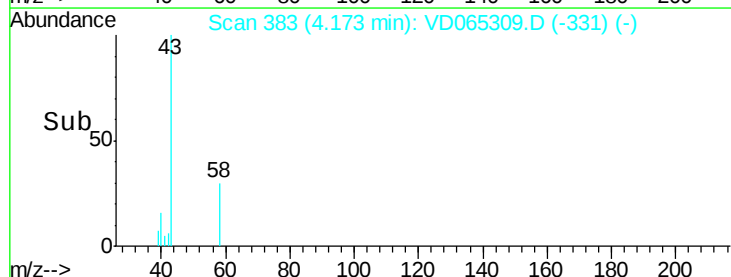
3000

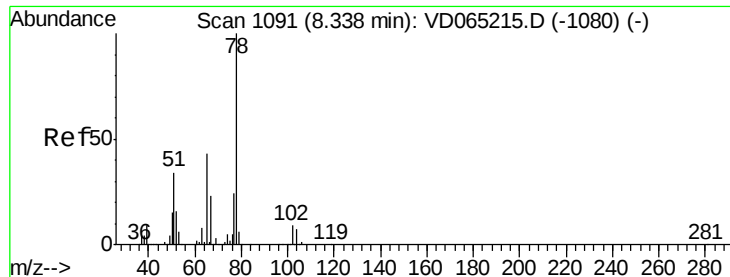
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.252 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065309.D

Acq: 25 Feb 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

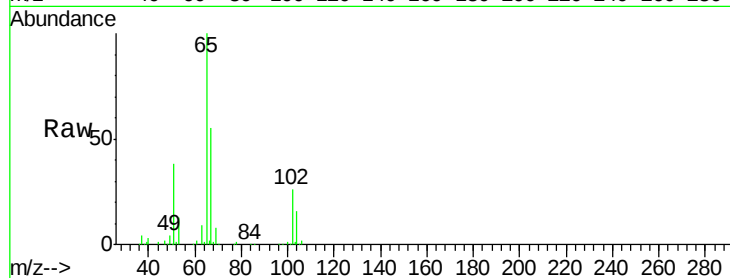
SH-BORING-1

Tot Ion: 65 Resp: 268579

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

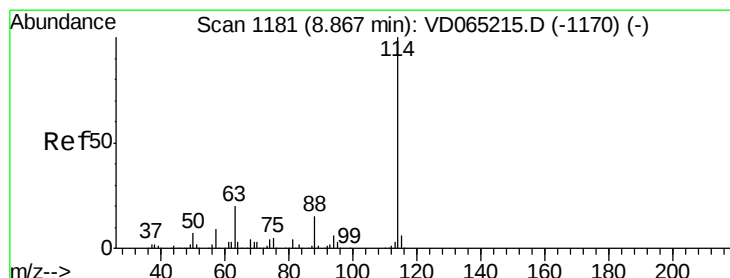
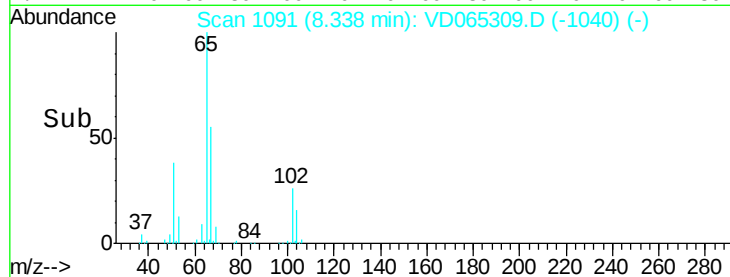
8.34

100000

50000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065309.D

Acq: 25 Feb 2020 15:31

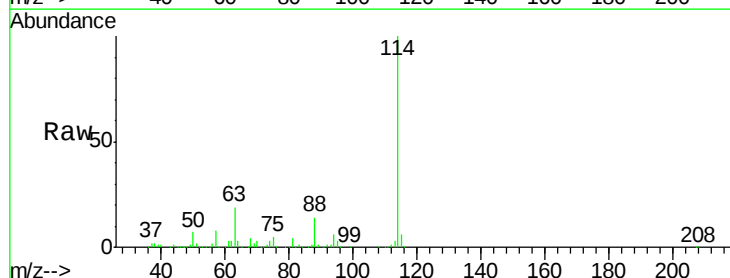
Tgt Ion: 114 Resp: 862571

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

88 14.4 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

8.87

600000

500000

400000

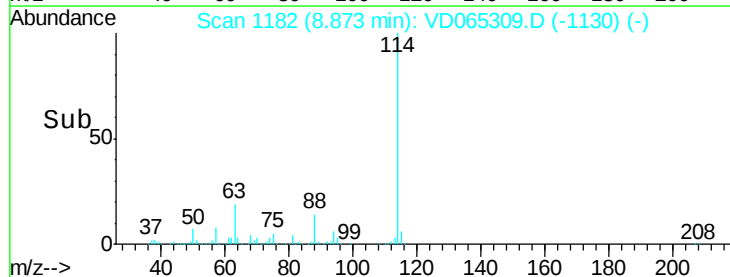
300000

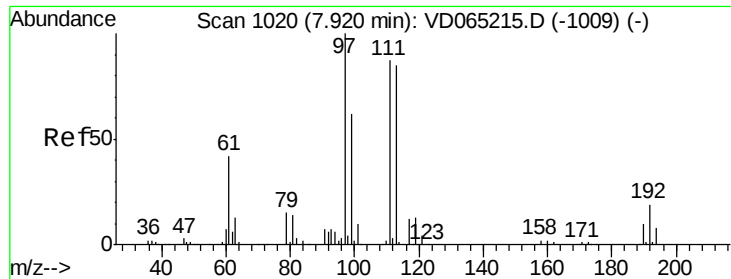
200000

100000

0

Time--> 8.80 8.90 9.00

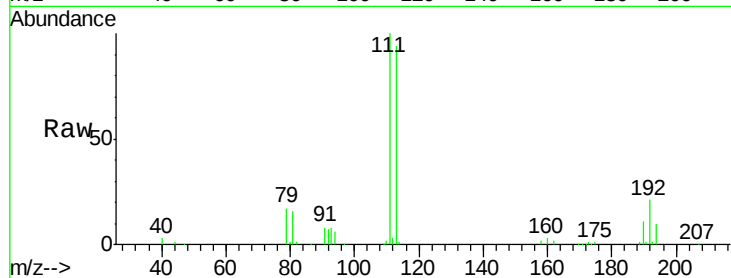




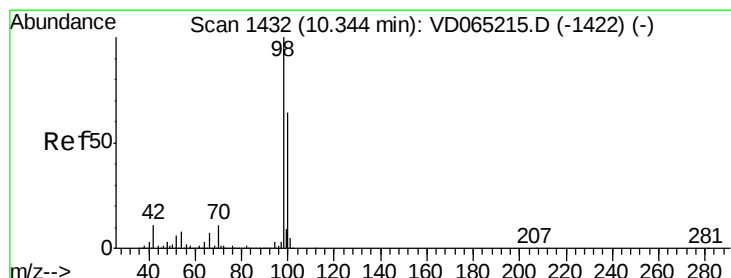
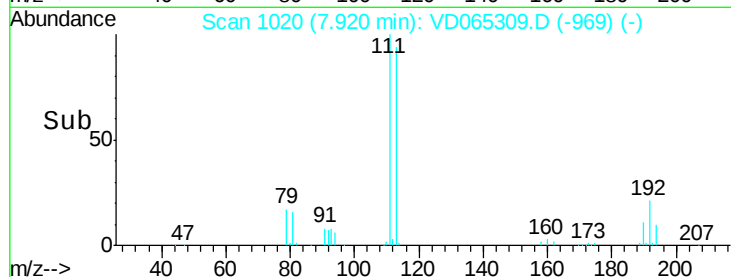
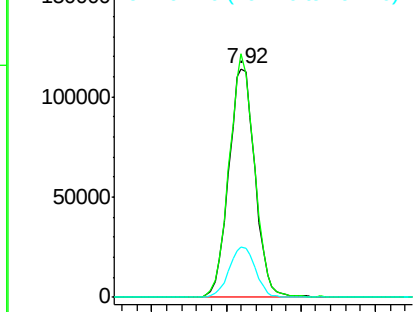
#35
Dibromofluoromethane
Concen: 53.308 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065309.D
Acq: 25 Feb 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
SH-BORING-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	21.9	17.3	25.9

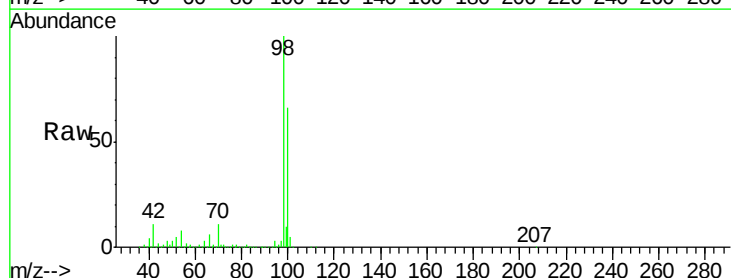


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

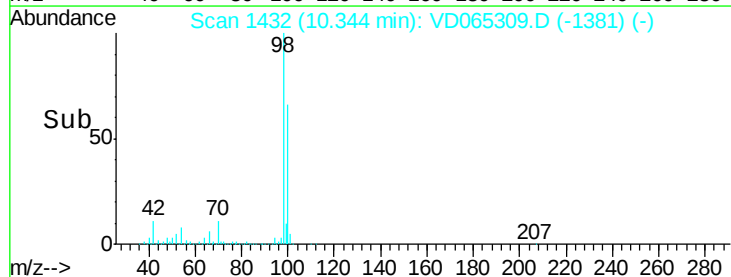
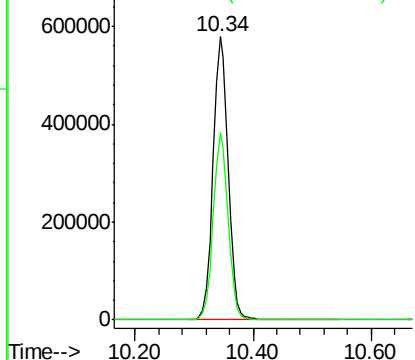


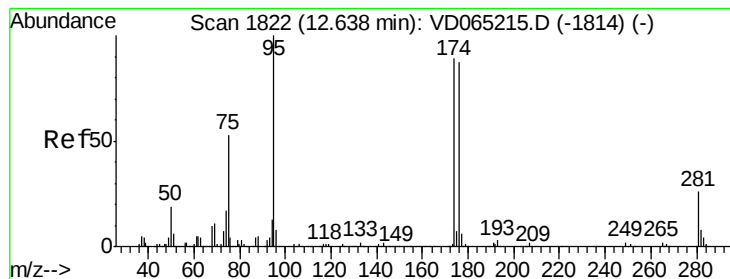
#50
Toluene-d8
Concen: 51.449 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065309.D
Acq: 25 Feb 2020 15:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 53.946 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065309.D

Acq: 25 Feb 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

SH-BORING-1

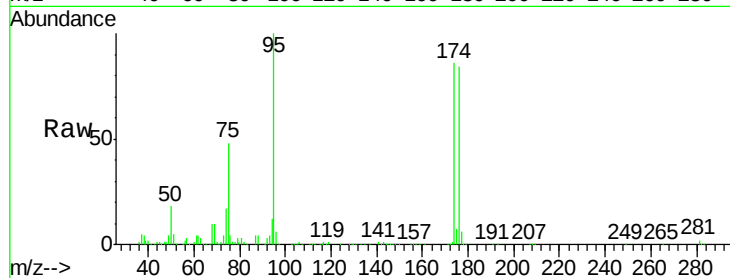
Tot Ion: 95 Resp: 343611

Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.0

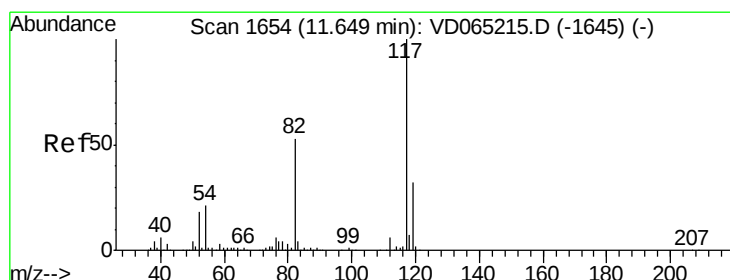
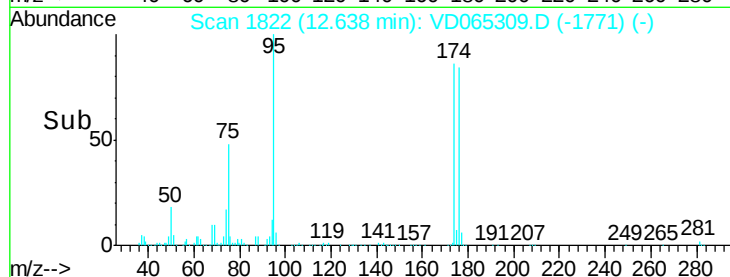
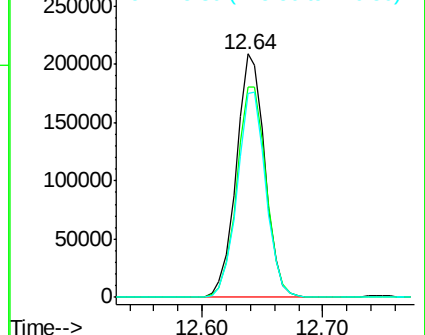
176 84.4 0.0 174.4



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: VD065309.D

Acq: 25 Feb 2020 15:31

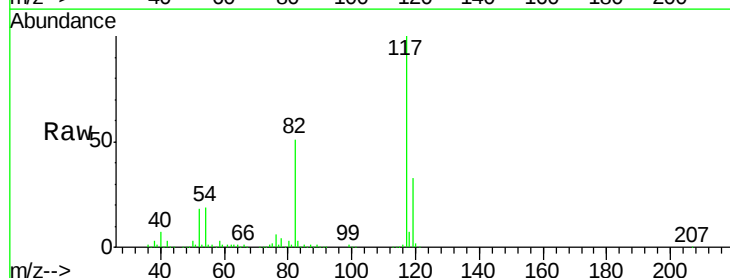
Tgt Ion: 117 Resp: 768195

Ion Ratio Lower Upper

117 100

82 51.5 42.7 64.1

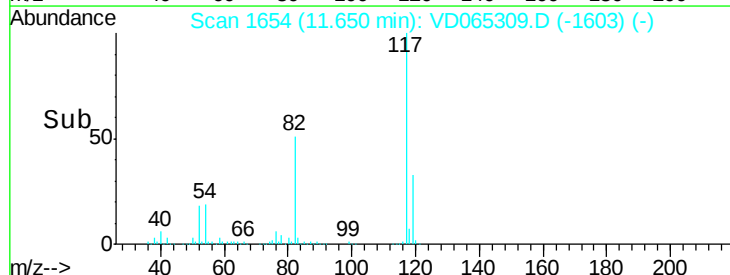
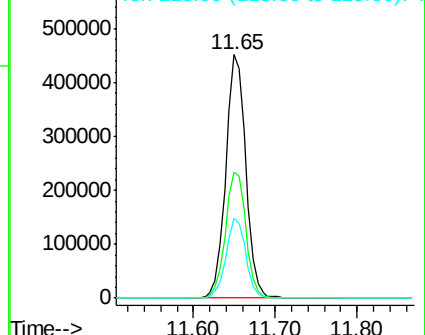
119 32.7 25.5 38.3

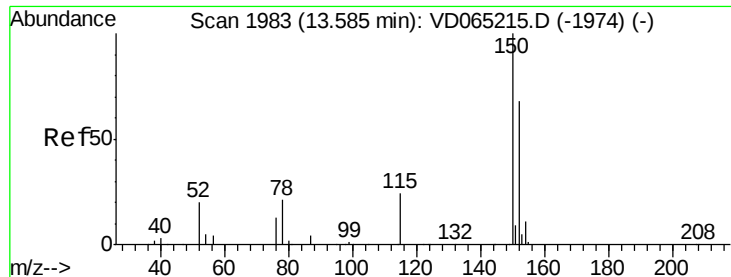


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065309.D

Acq: 25 Feb 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

SH-BORING-1

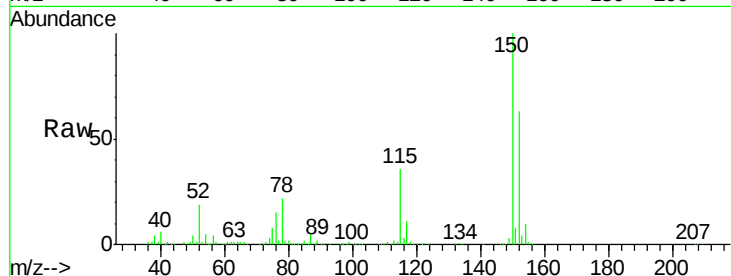
Tot Ion:152 Resp: 346812

Ion Ratio Lower Upper

152 100

115 56.1 27.6 82.8

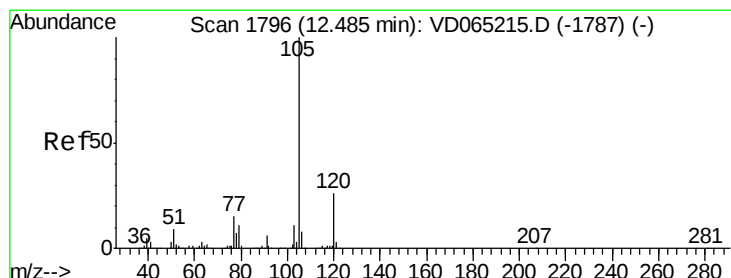
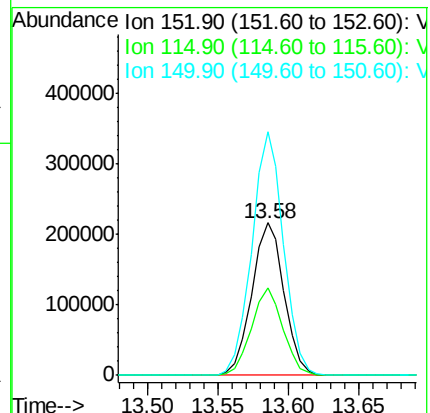
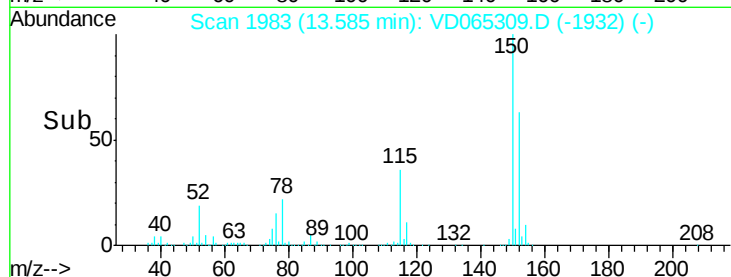
150 156.8 0.0 347.4



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



#73

Isopropylbenzene

Concen: 1.412 ug/l

RT: 12.50 min Scan# 1798

Delta R.T. 0.01 min

Lab File: VD065309.D

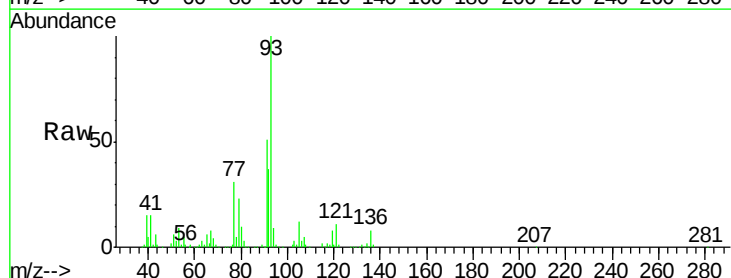
Acq: 25 Feb 2020 15:31

Tgt Ion:105 Resp: 32409

Ion Ratio Lower Upper

105 100

120 12.2 13.3 39.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

