

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065136.D
 Acq On : 10 Feb 2020 16:45
 Operator : VA/SY
 Sample : L1403-13
 Misc : 10.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-12-12.5

Quant Time: Feb 11 08:32:15 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

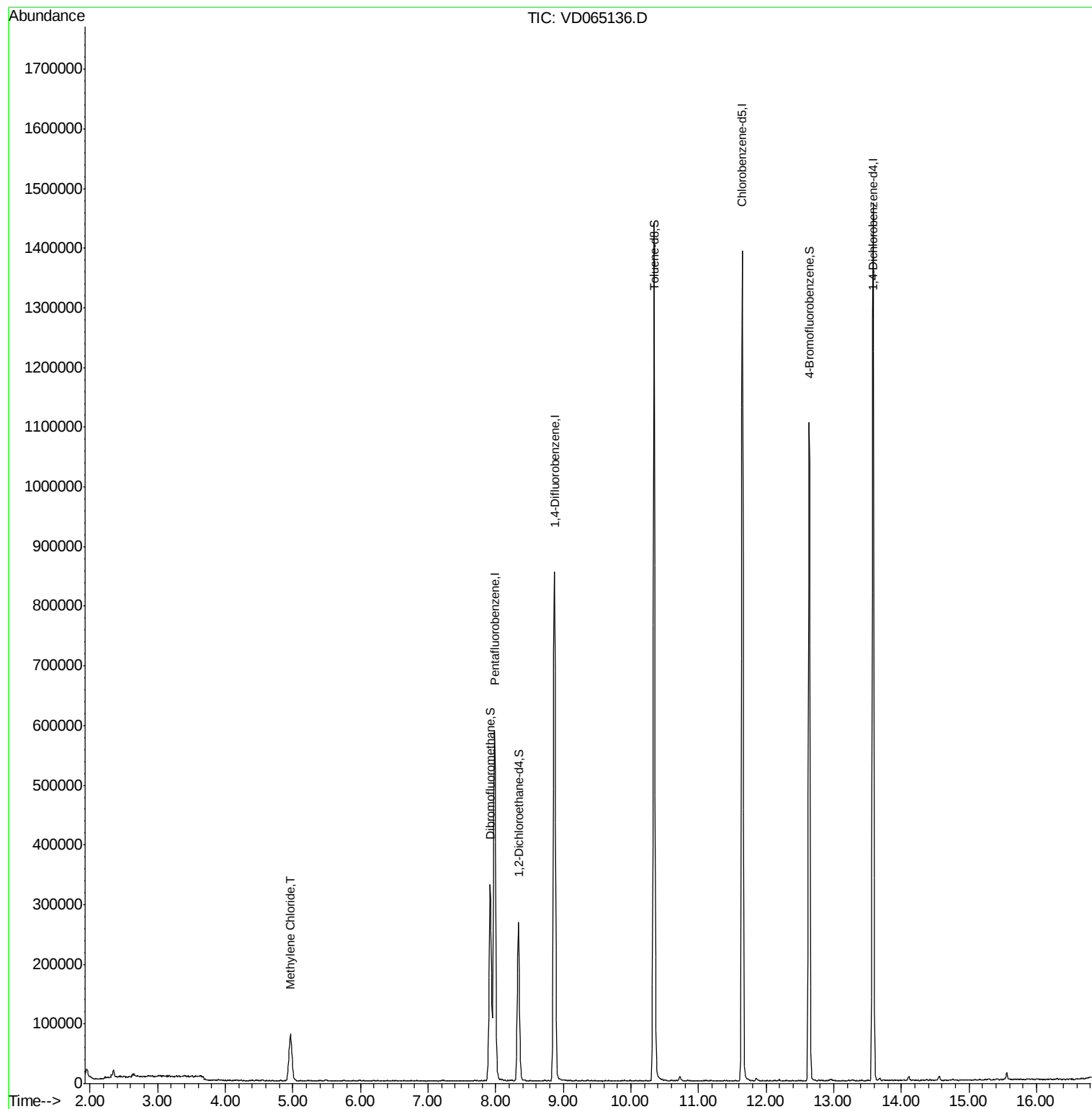
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	454078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	781220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	212996	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
35) Dibromofluoromethane	7.92	113	233699	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
50) Toluene-d8	10.34	98	934524	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
62) 4-Bromofluorobenzene	12.64	95	338098	63.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.56%	
Target Compounds						
20) Methylene Chloride	4.96	84	59666	10.968	ug/l	Qvalue 97

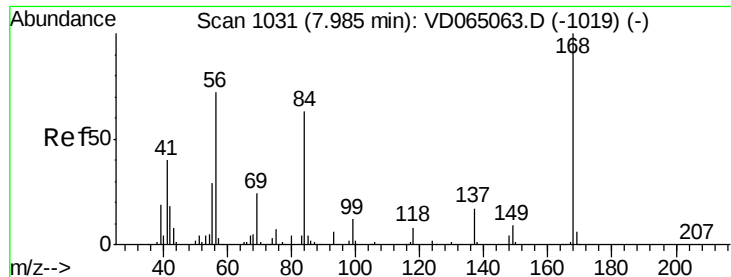
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065136.D

Acq: 10 Feb 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

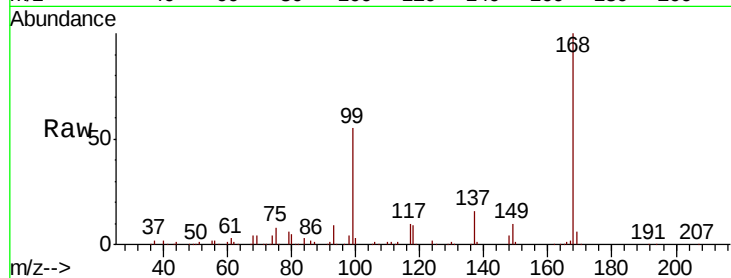
SB-13-12-12.5

Tot Ion:168 Resp: 454078

Ion Ratio Lower Upper

168 100

99 54.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

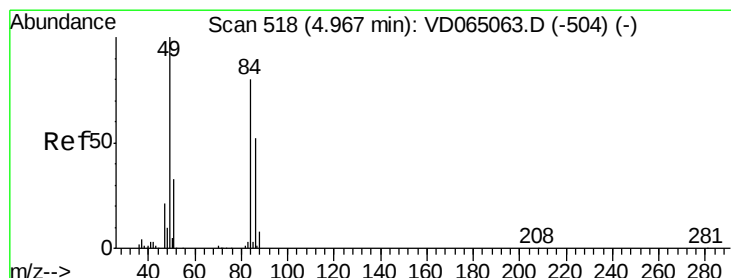
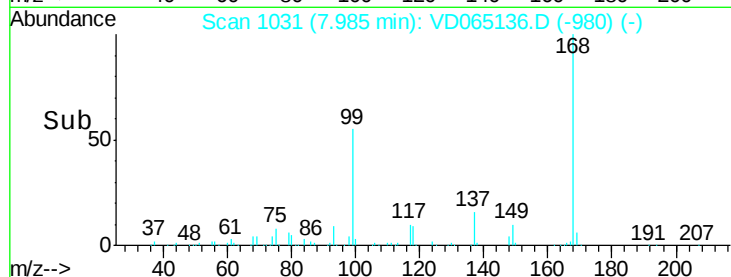
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.968 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065136.D

Acq: 10 Feb 2020 16:45

Tgt Ion: 84 Resp: 59666

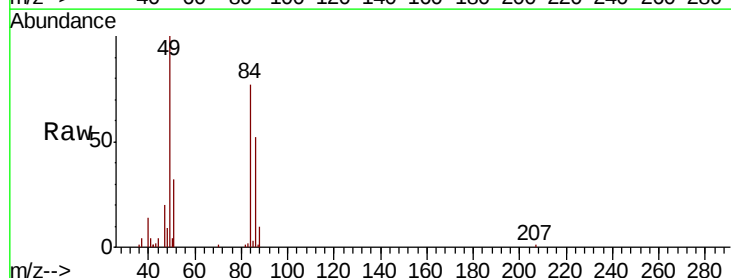
Ion Ratio Lower Upper

84 100

49 129.9 100.4 150.6

51 41.8 32.7 49.1

86 67.2 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

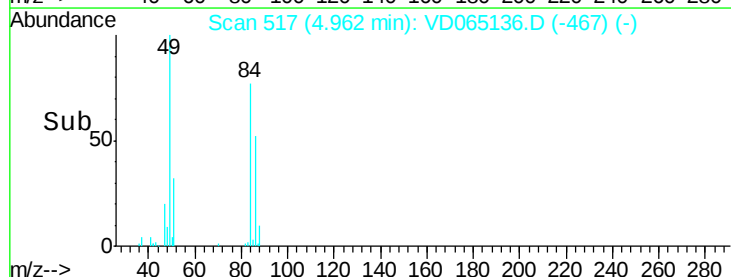
30000

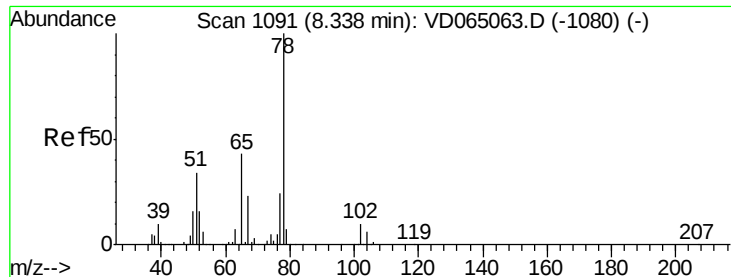
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.191 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065136.D

Acq: 10 Feb 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

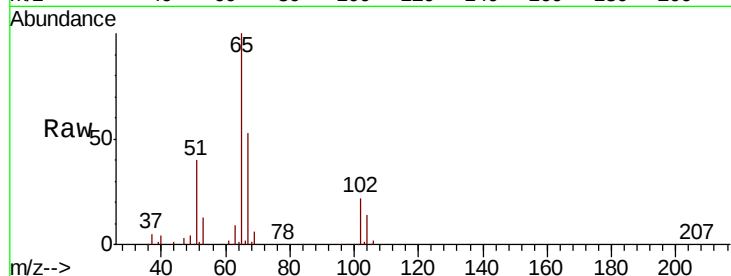
SB-13-12-12.5

Tot Ion: 65 Resp: 212996

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

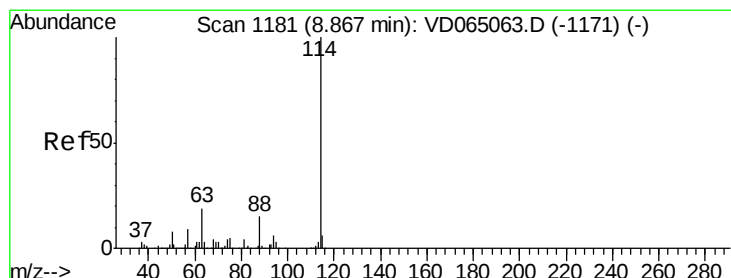
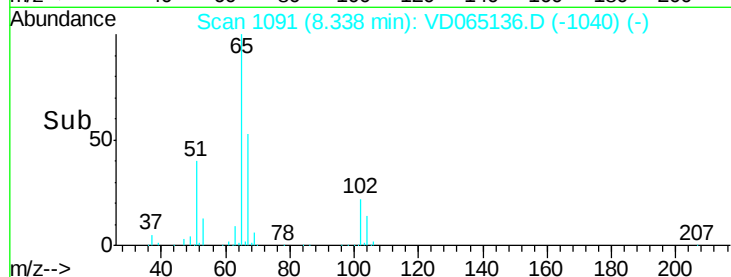
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065136.D

Acq: 10 Feb 2020 16:45

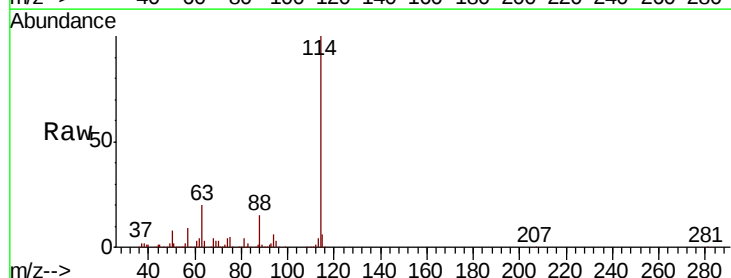
Tgt Ion: 114 Resp: 753356

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

88 14.7 0.0 29.6



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

500000

400000

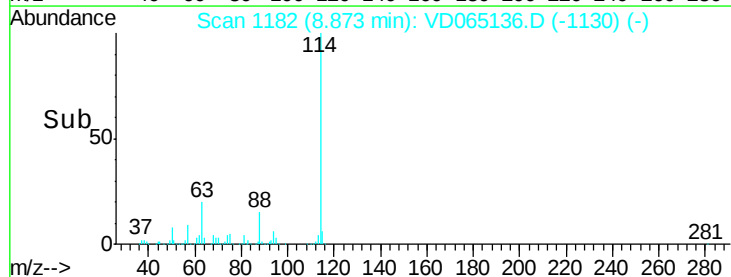
300000

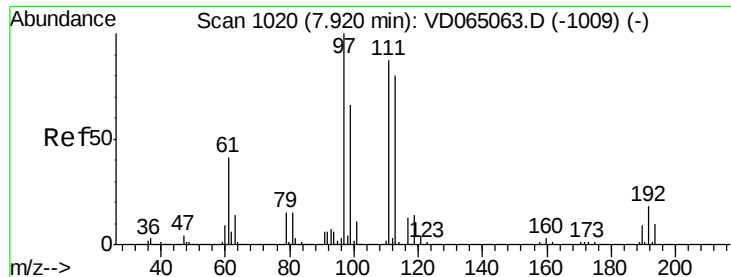
200000

100000

0

Time--> 8.80 8.90 9.00

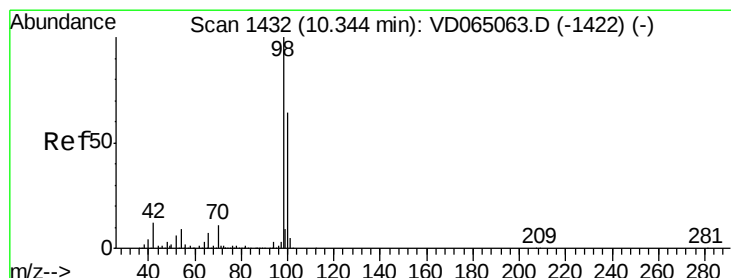
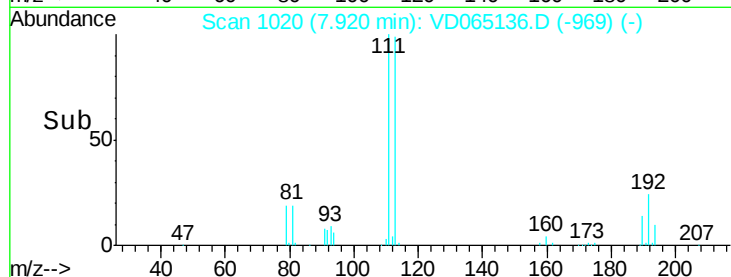
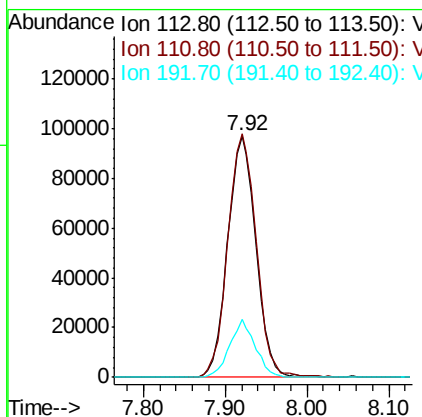
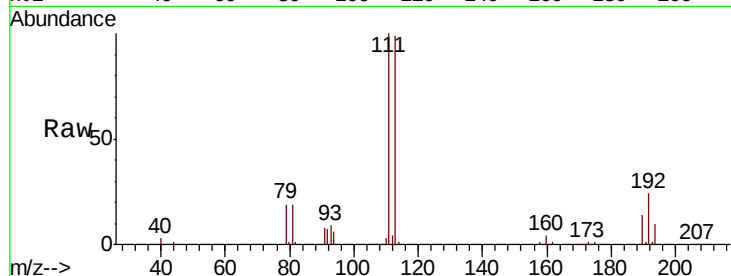




#35
Dibromofluoromethane
Concen: 55.599 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065136.D
Acq: 10 Feb 2020 16:45

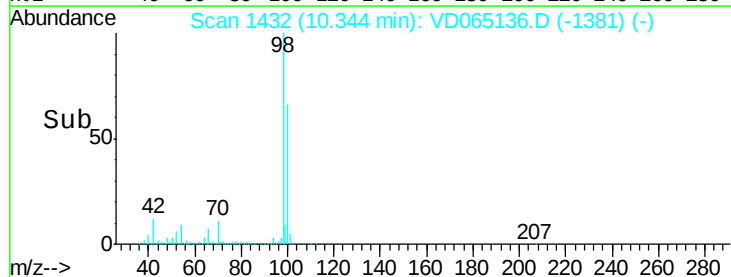
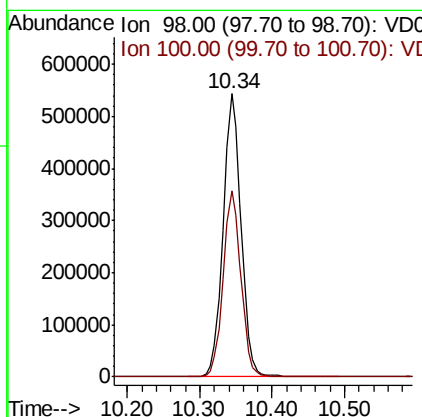
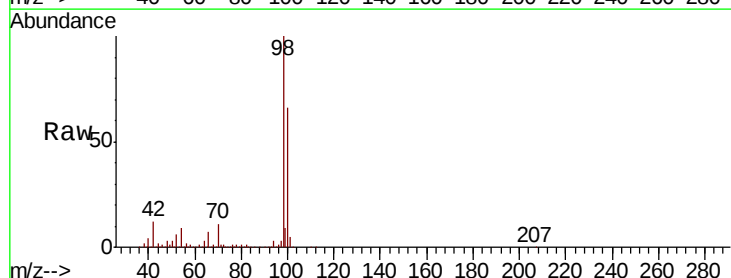
Instrument :
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SB-13-12-12.5

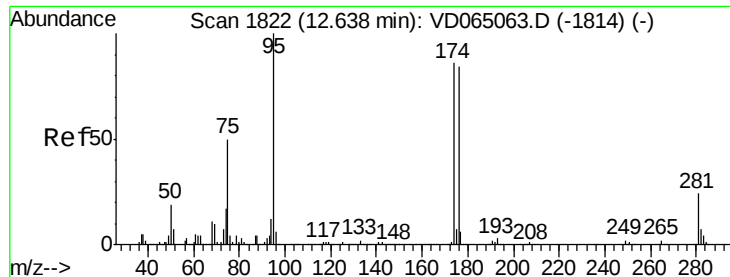
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.1	124.7
192	21.7	18.1	27.1



#50
Toluene-d8
Concen: 55.858 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065136.D
Acq: 10 Feb 2020 16:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1

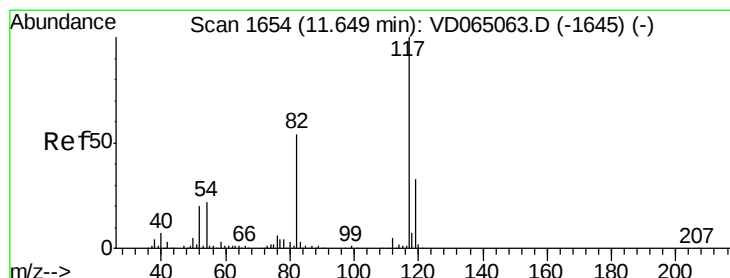
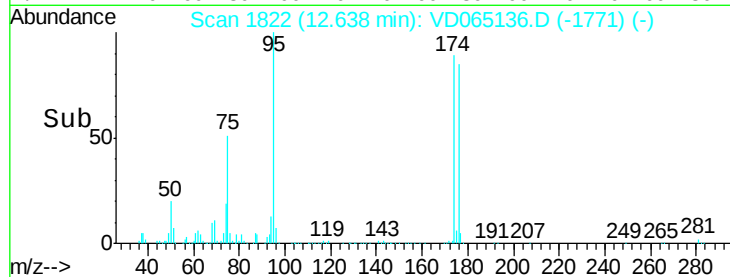
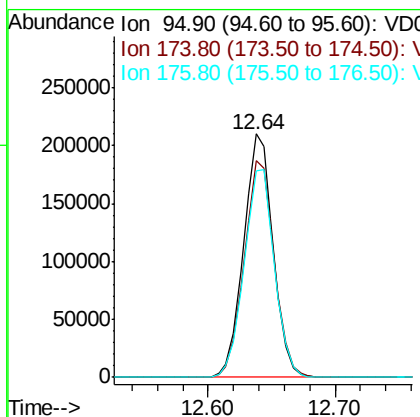
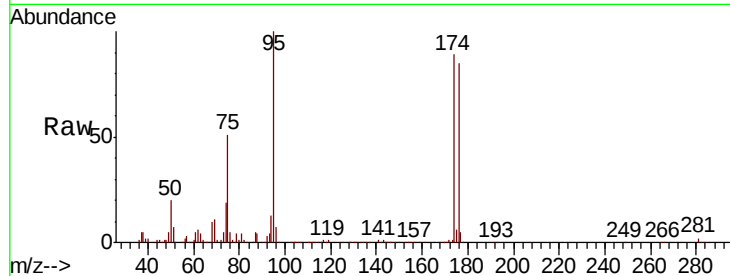




#62
4-Bromofluorobenzene
Concen: 63.778 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065136.D
Acq: 10 Feb 2020 16:45

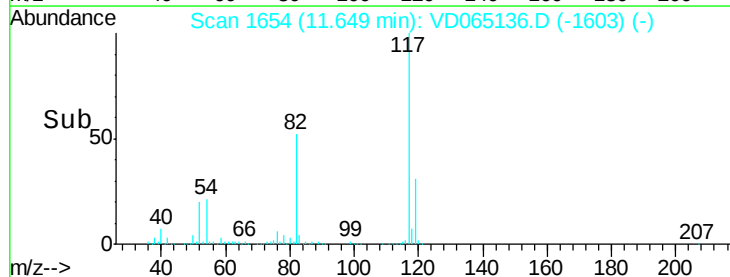
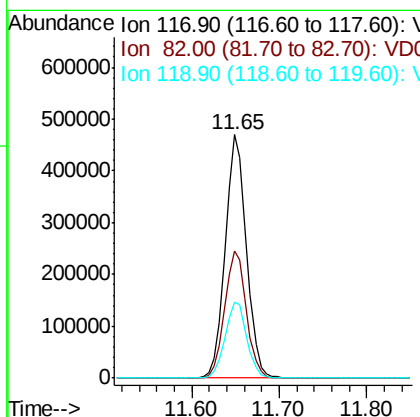
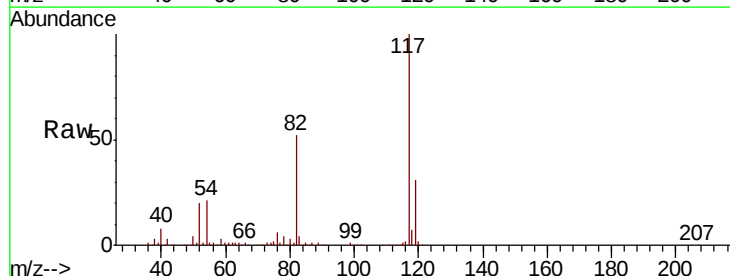
Instrument :
MSVOA_D
ClientSampleId :
SB-13-12-12.5

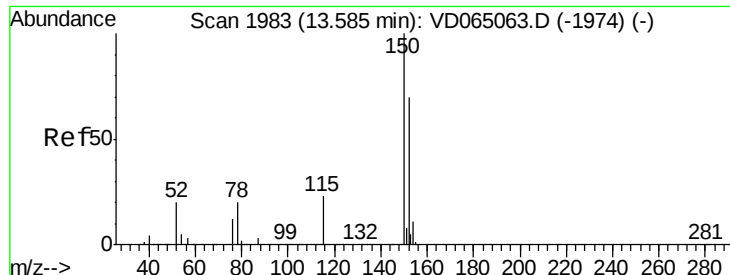
Tot Ion: 95 Resp: 338098
Ion Ratio Lower Upper
95 100
174 90.9 0.0 180.0
176 88.2 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065136.D
Acq: 10 Feb 2020 16:45

Tgt Ion: 117 Resp: 781220
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 31.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065136.D

Acq: 10 Feb 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

SB-13-12-12.5

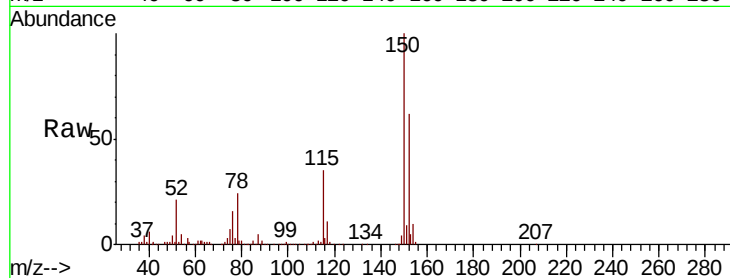
Tot Ion:152 Resp: 381536

Ion Ratio Lower Upper

152 100

115 56.4 27.5 82.4

150 159.1 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

