

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064845.D
 Acq On : 13 Jan 2020 13:11
 Operator : VA/SY
 Sample : L1098-01
 Misc : 7.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1 13.0-13.5

Quant Time: Jan 14 11:46:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

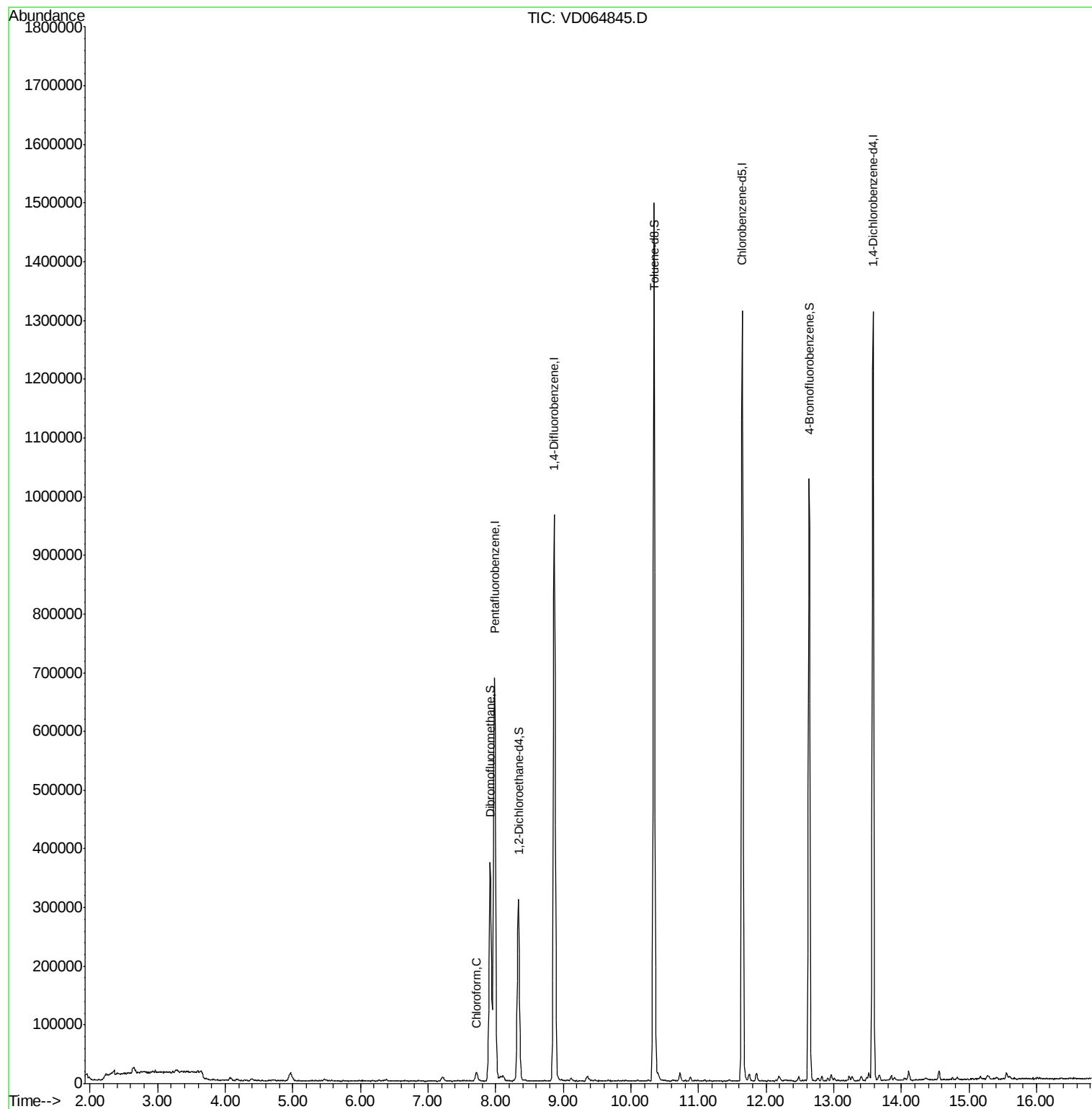
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	529127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	814405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	728575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	342865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251811	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
35) Dibromofluoromethane	7.92	113	254006	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.34	98	972418	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.64	95	305290	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
30) Chloroform	7.71	83	12930	1.418	ug/l	Qvalue 95

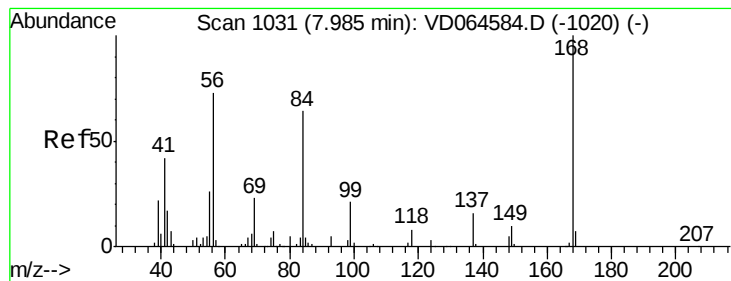
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1_13.0-13.5

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QLast Update : Tue Dec 24 13:19:06 2019
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: VD064845.D

Acq: 13 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

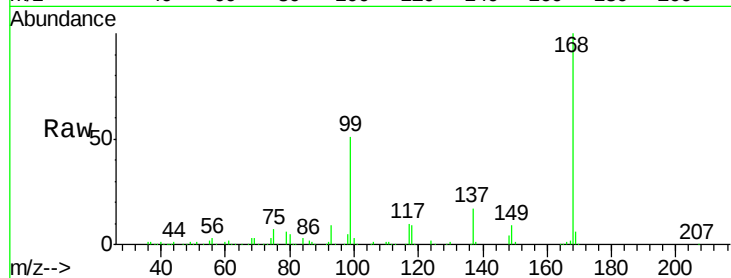
SB-1 13.0-13.5

Tot Ion:168 Resp: 529127

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

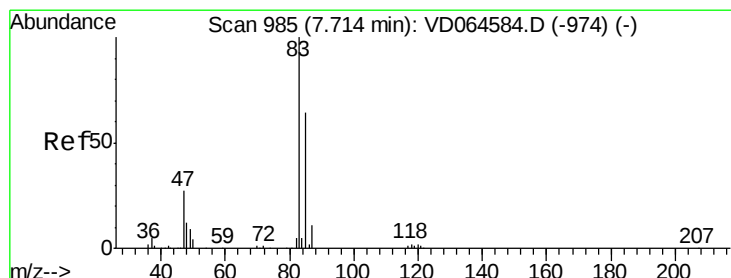
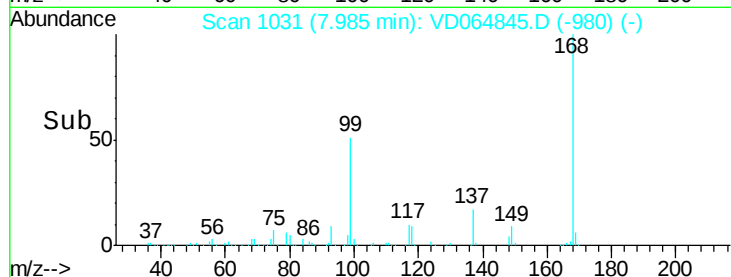
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.418 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064845.D

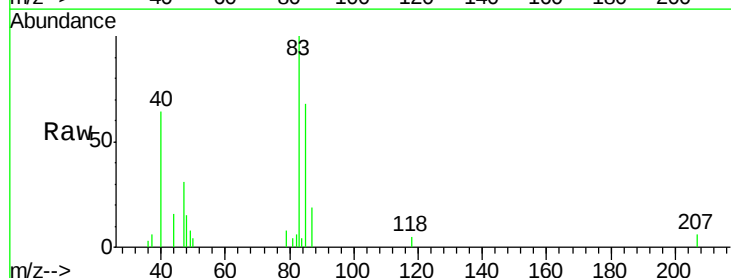
Acq: 13 Jan 2020 13:11

Tgt Ion: 83 Resp: 12930

Ion Ratio Lower Upper

83 100

85 67.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

6000

5000

4000

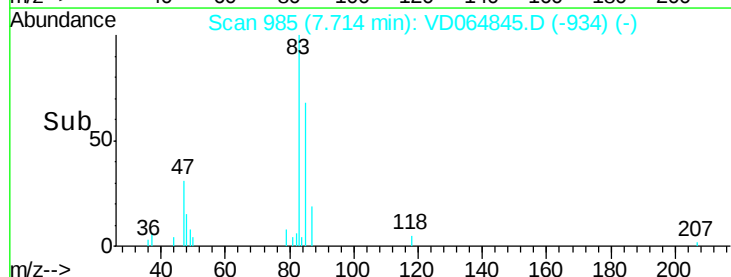
3000

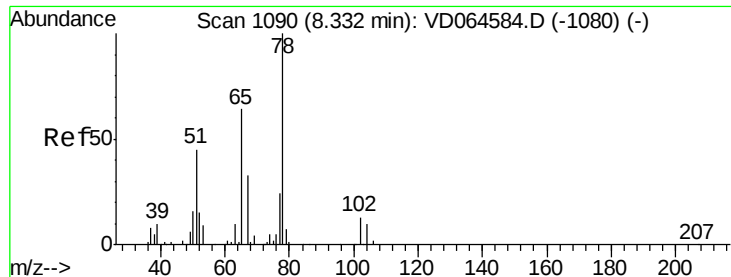
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.970 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064845.D

Acq: 13 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

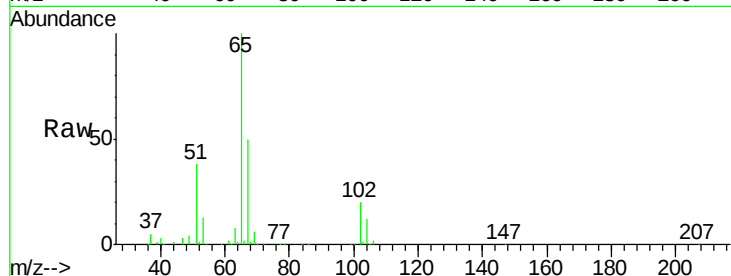
SB-1 13.0-13.5

Tot Ion: 65 Resp: 251811

Ion Ratio Lower Upper

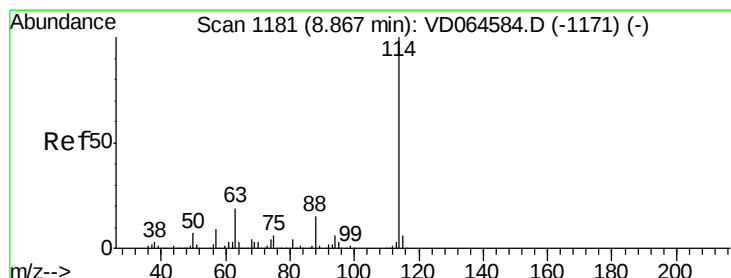
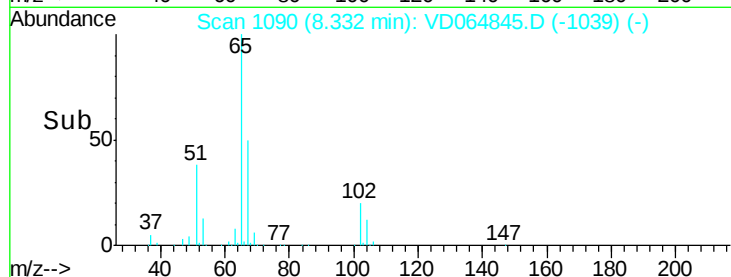
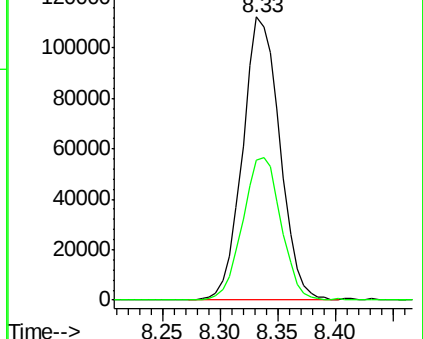
65 100

67 51.8 0.0 106.2



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: VD064845.D

Acq: 13 Jan 2020 13:11

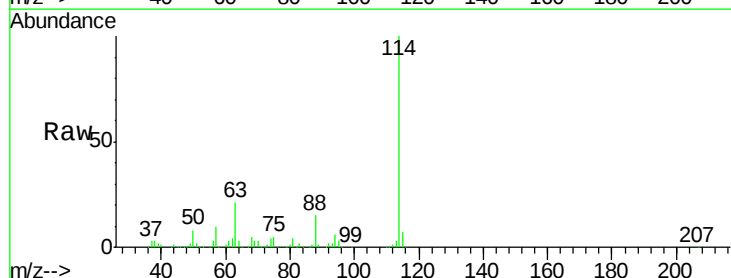
Tgt Ion: 114 Resp: 814405

Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.0

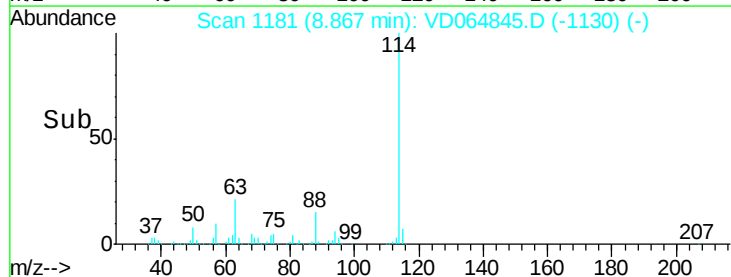
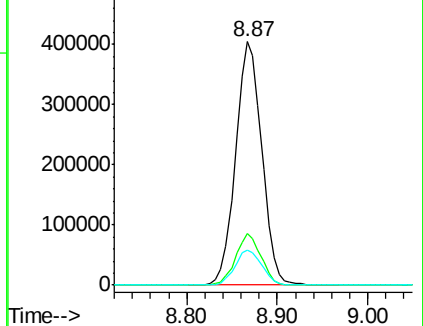
88 14.6 0.0 29.2

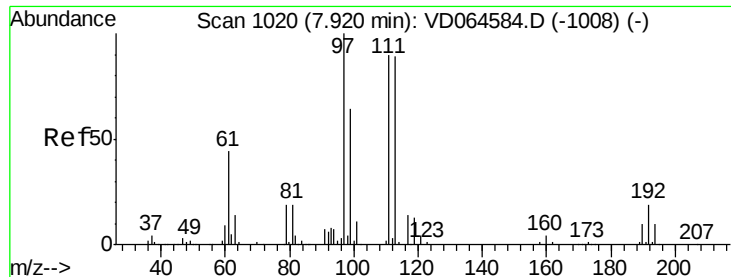


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

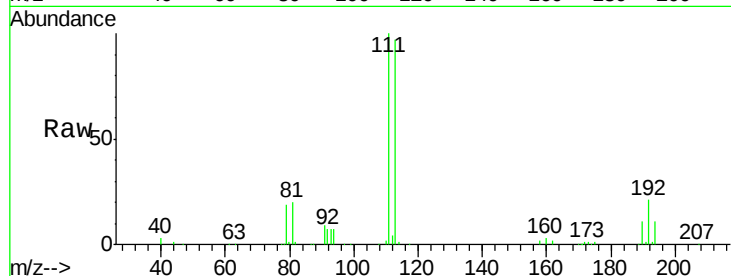




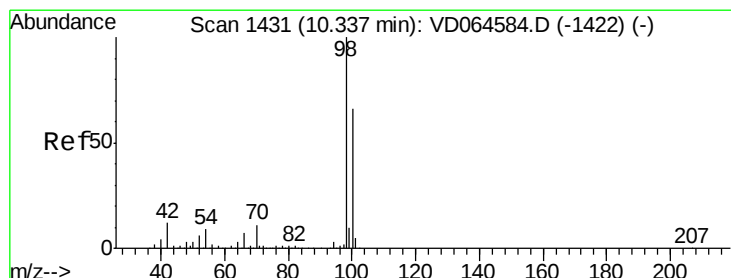
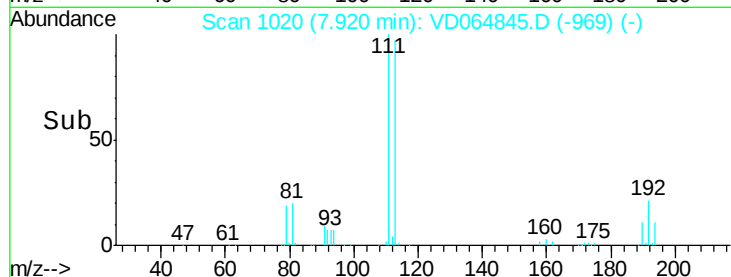
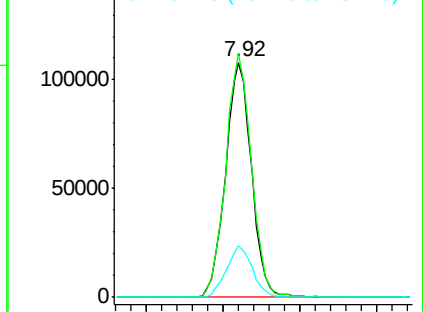
#35
Dibromofluoromethane
Concen: 50.837 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064845.D
Acq: 13 Jan 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
SB-1 13.0-13.5

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.6	121.0
192	22.0	17.9	26.9

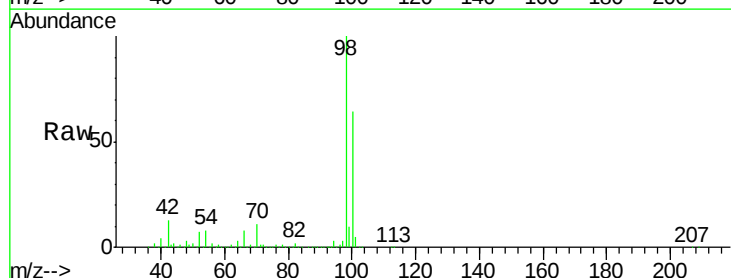


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

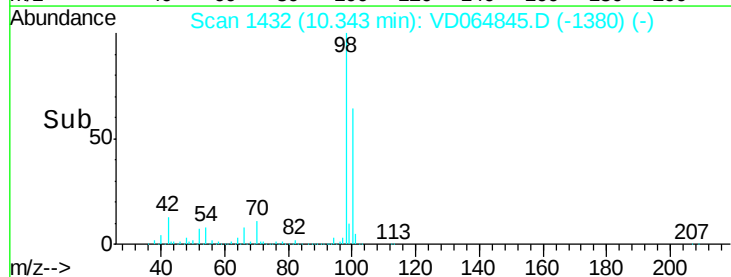
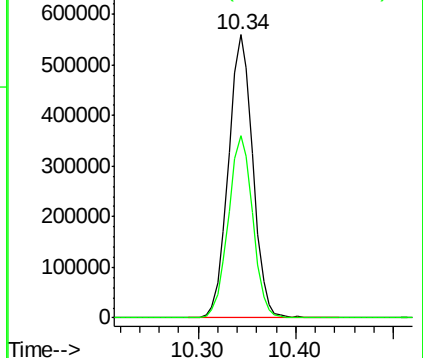


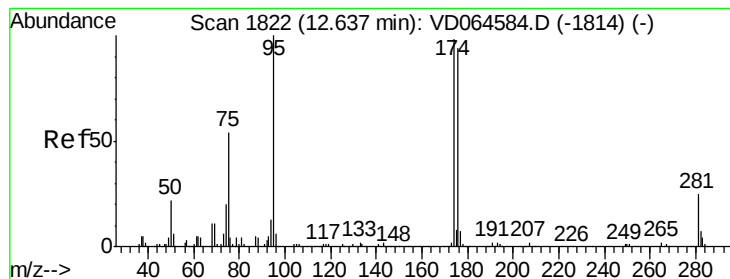
#50
Toluene-d8
Concen: 50.816 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064845.D
Acq: 13 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 50.452 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064845.D

Acq: 13 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

SB-1 13.0-13.5

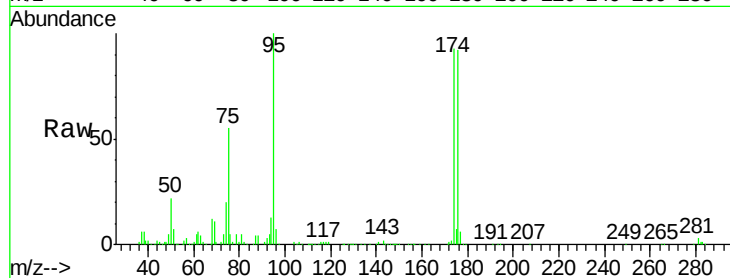
Tot Ion: 95 Resp: 305290

Ion Ratio Lower Upper

95 100

174 93.4 0.0 193.2

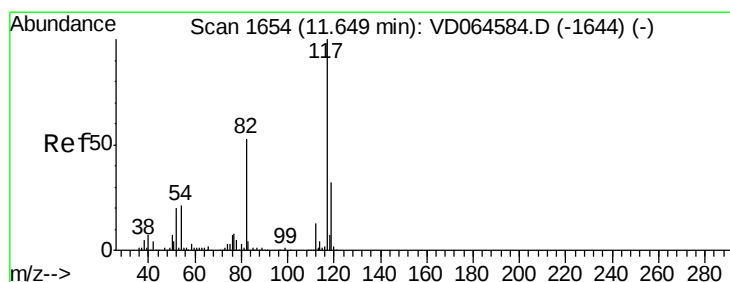
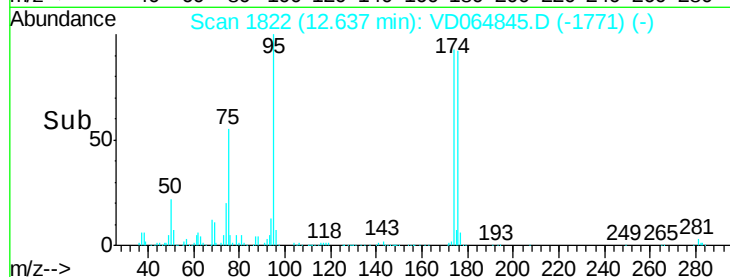
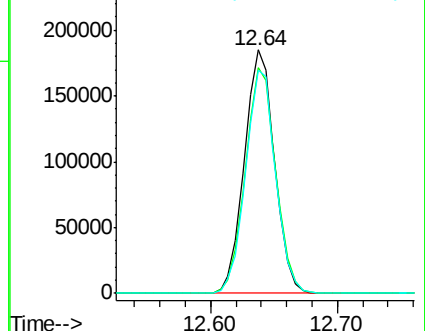
176 91.4 0.0 184.2



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: VD064845.D

Acq: 13 Jan 2020 13:11

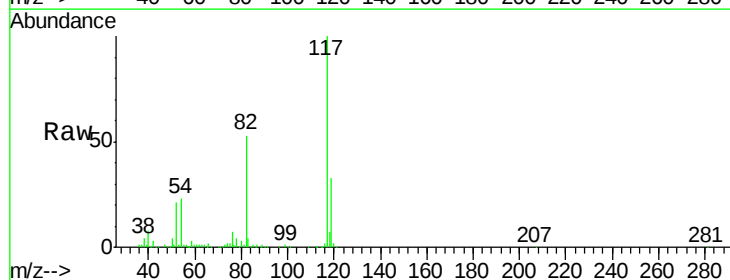
Tgt Ion: 117 Resp: 728575

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

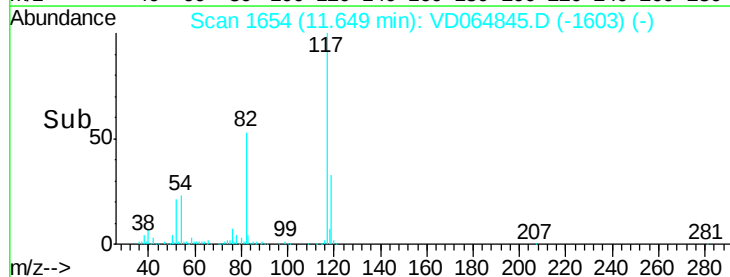
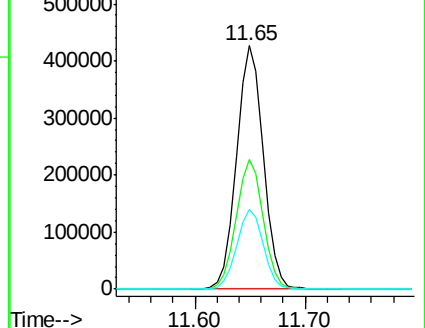
119 32.6 26.0 39.0

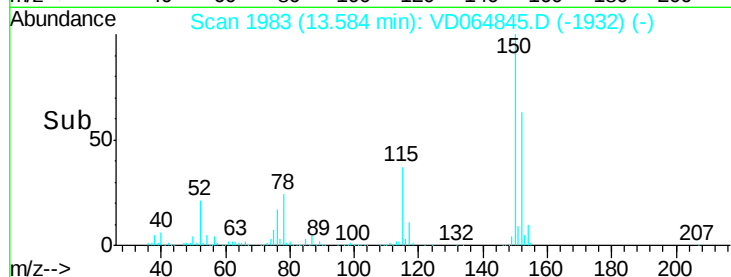
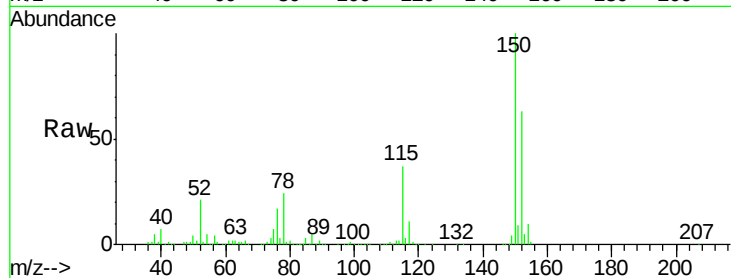
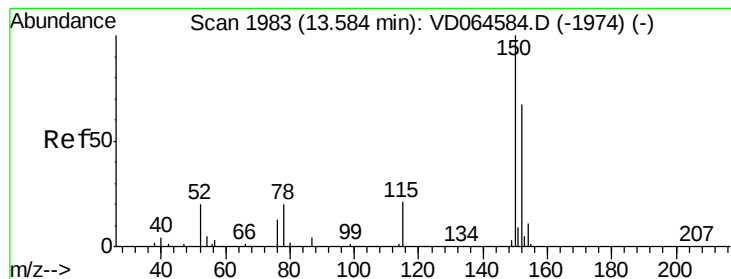


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064845.D

Acq: 13 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

SB-1_13.0-13.5

Tot Ion:152 Resp: 342865

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 157.9 0.0 351.4

