

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064854.D
 Acq On : 13 Jan 2020 17:29
 Operator : VA/SY
 Sample : L1098-02
 Misc : 6.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2_13.0-13.5

Quant Time: Jan 14 11:58:08 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

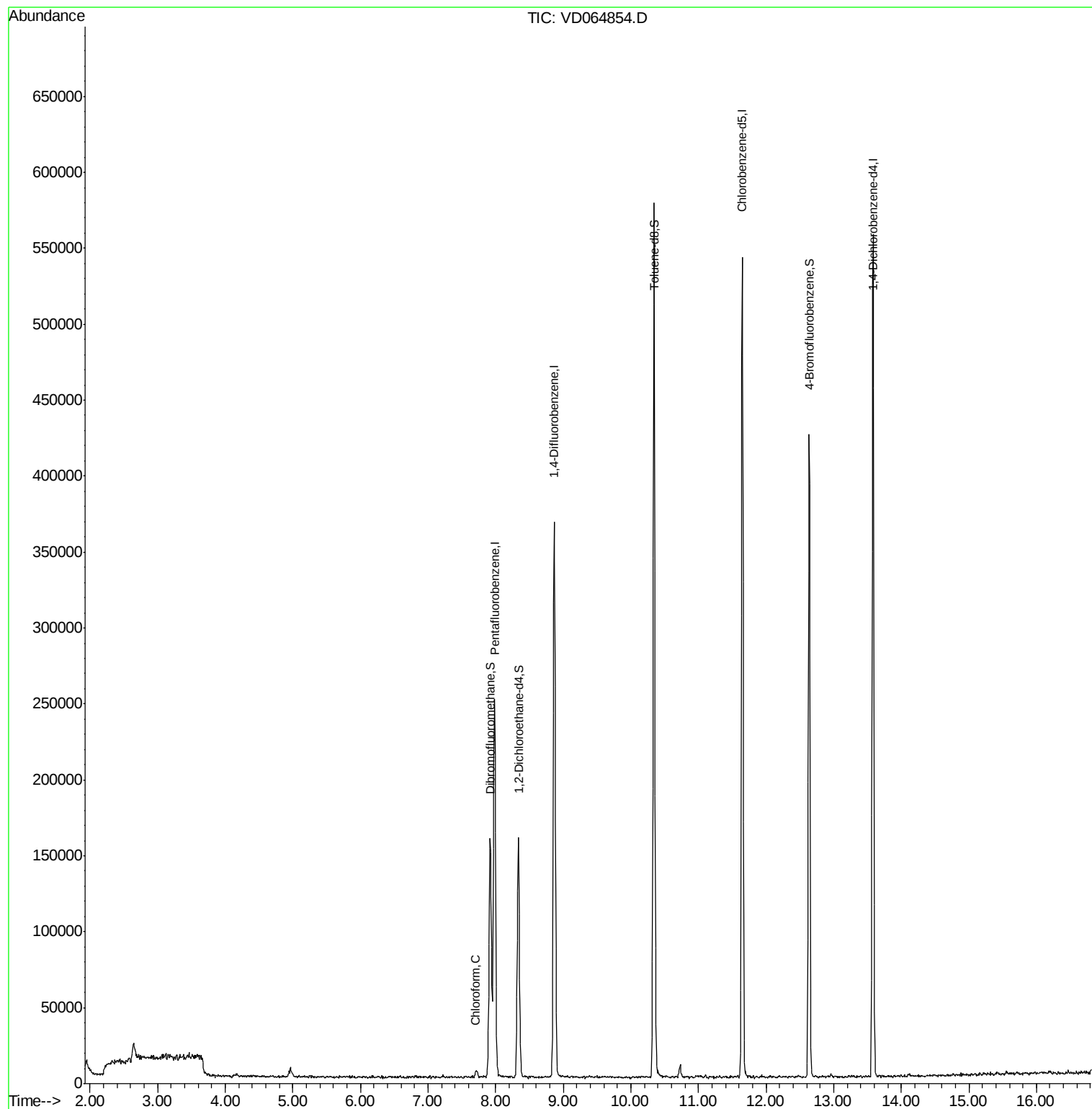
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	192160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	309982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	129860	76.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.28%	
35) Dibromofluoromethane	7.92	113	110093	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
50) Toluene-d8	10.34	98	376151	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.64	95	126622	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
Target Compounds						
30) Chloroform	7.71	83	4206	1.270	ug/l	Qvalue 92

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

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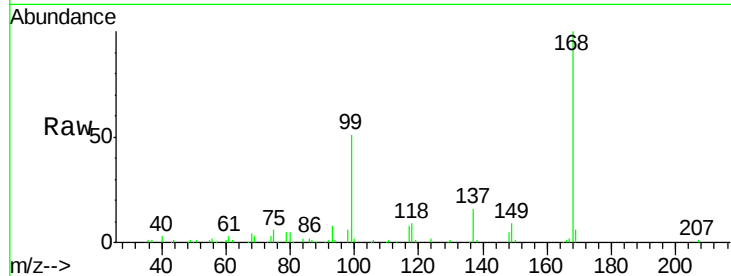




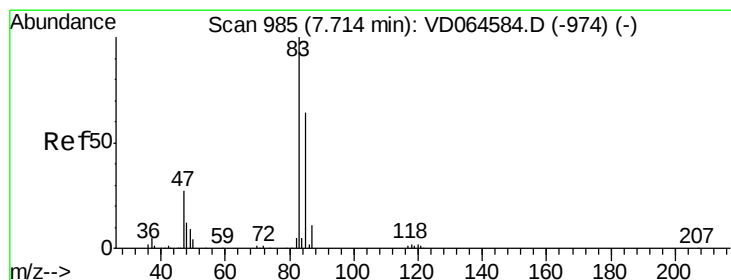
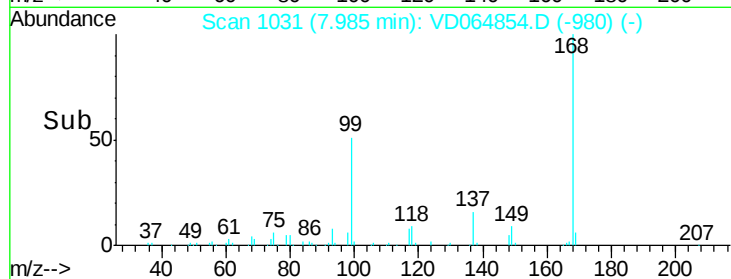
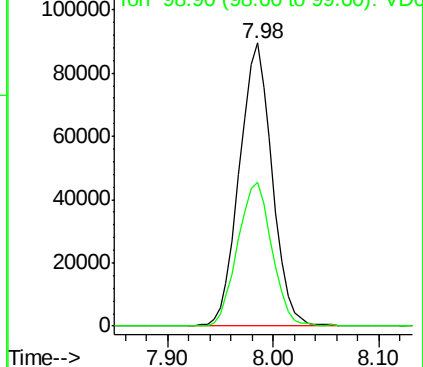
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
SB-2_13.0-13.5

Tot Ion:168 Resp: 192160
Ion Ratio Lower Upper
168 100
99 50.6 41.8 62.6

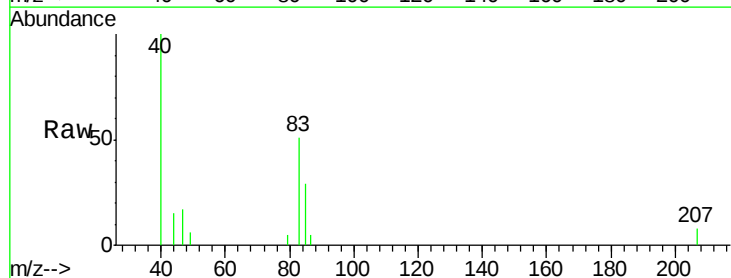


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

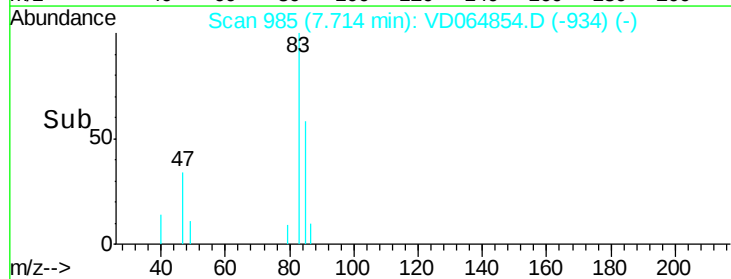
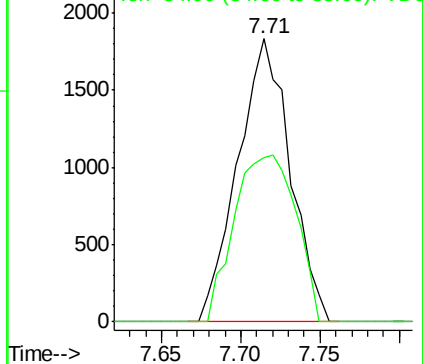


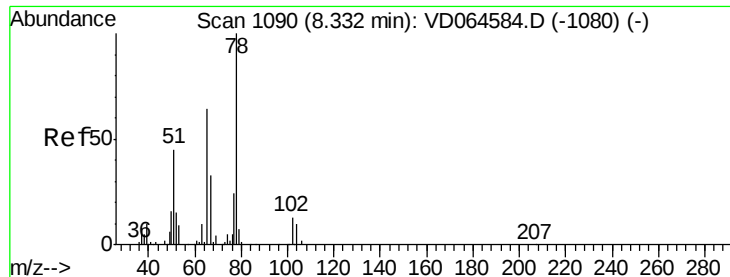
#30
Chloroform
Concen: 1.270 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064854.D
Acq: 13 Jan 2020 17:29

Tgt Ion: 83 Resp: 4206
Ion Ratio Lower Upper
83 100
85 58.0 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 76.639 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064854.D

Acq: 13 Jan 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

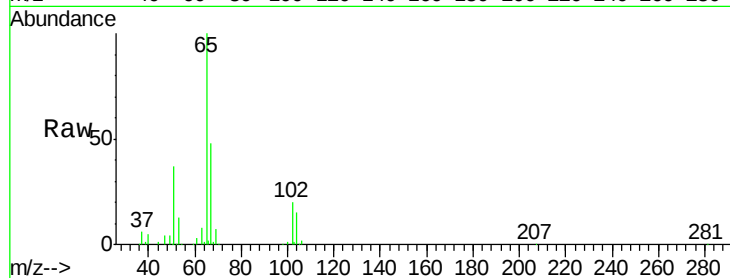
SB-2_13.0-13.5

Tot Ion: 65 Resp: 129860

Ion Ratio Lower Upper

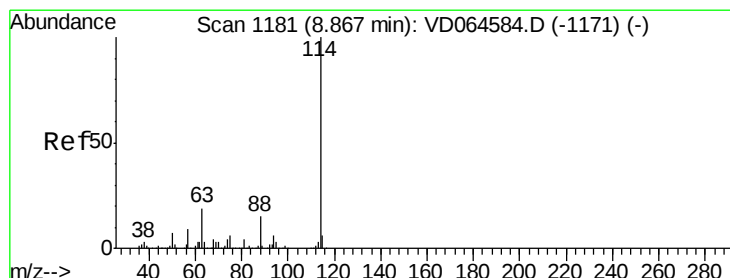
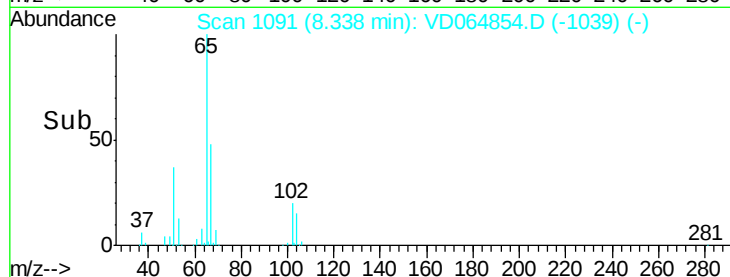
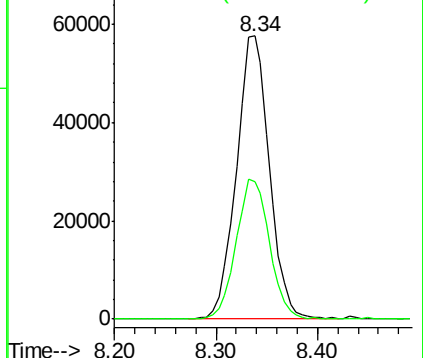
65 100

67 49.7 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: VD064854.D

Acq: 13 Jan 2020 17:29

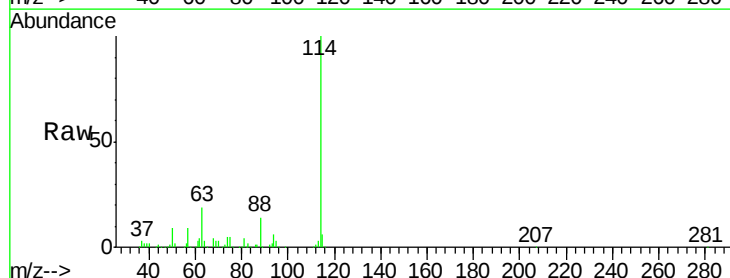
Tgt Ion: 114 Resp: 309982

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

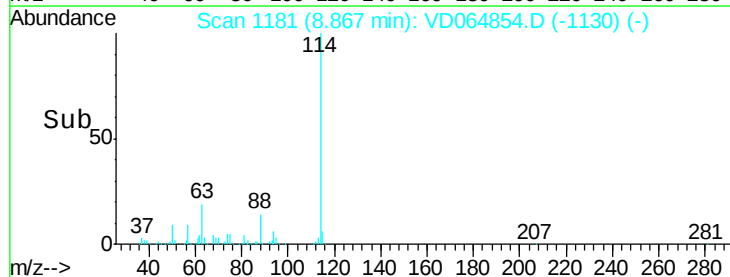
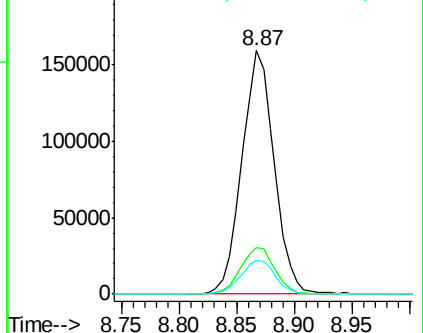
88 13.7 0.0 29.2



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

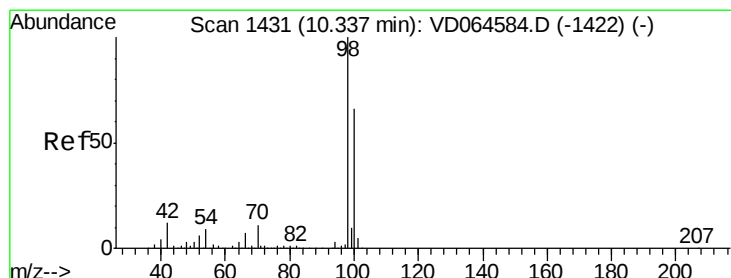
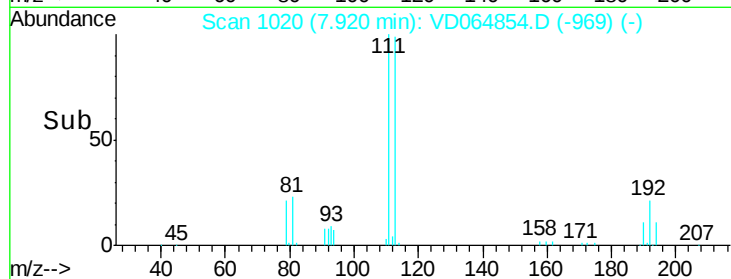
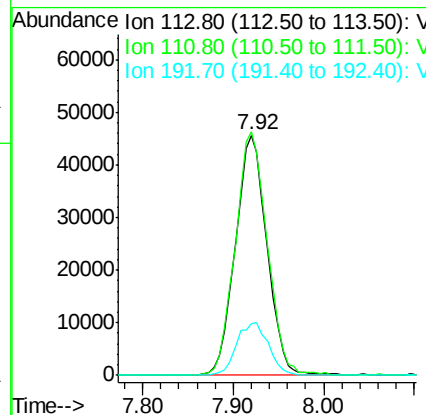
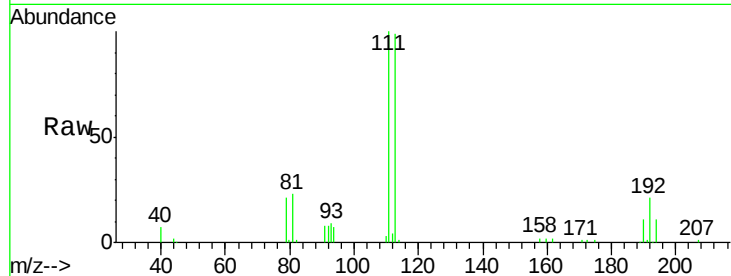




#35
 Dibromofluoromethane
 Concen: 57.889 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

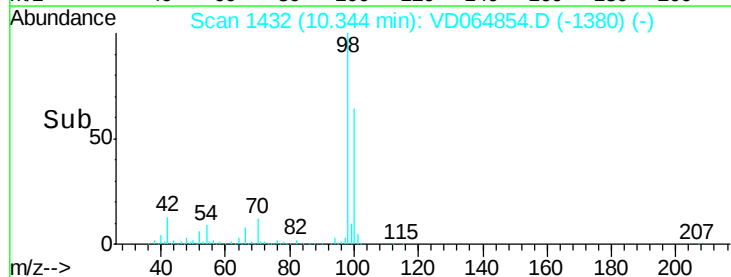
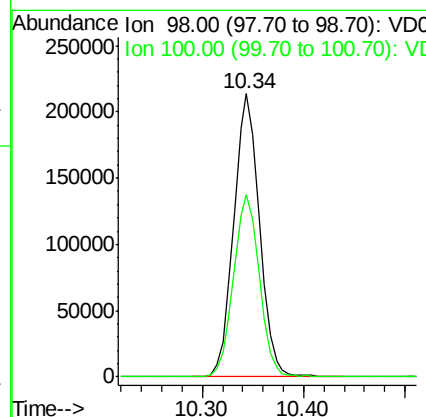
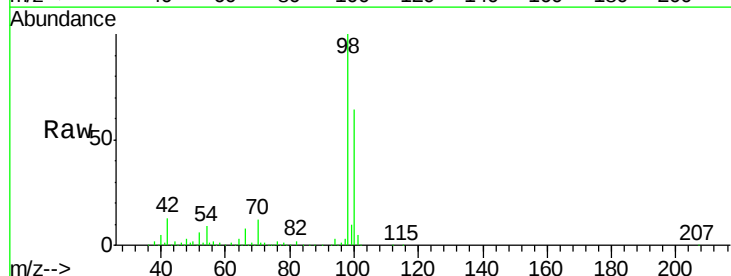
Instrument :
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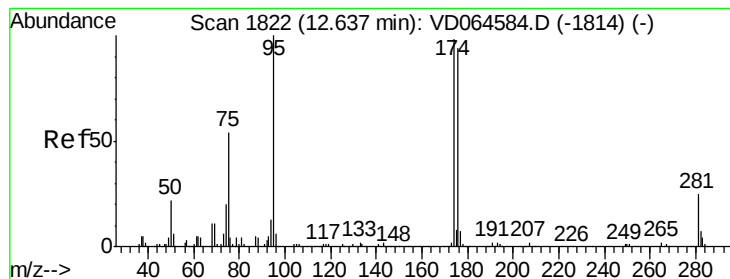
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.2	17.9	26.9



#50
 Toluene-d8
 Concen: 51.643 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064854.D
 Acq: 13 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 54.977 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064854.D

Acq: 13 Jan 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

SB-2_13.0-13.5

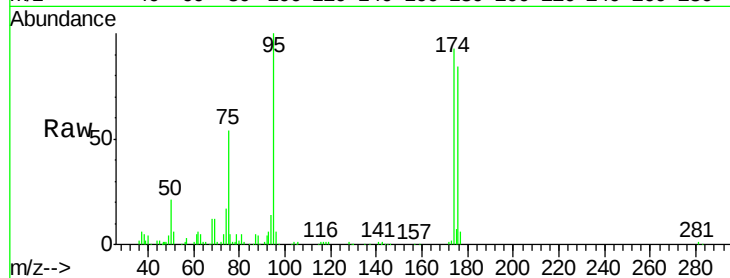
Tot Ion: 95 Resp: 126622

Ion Ratio Lower Upper

95 100

174 93.5 0.0 193.2

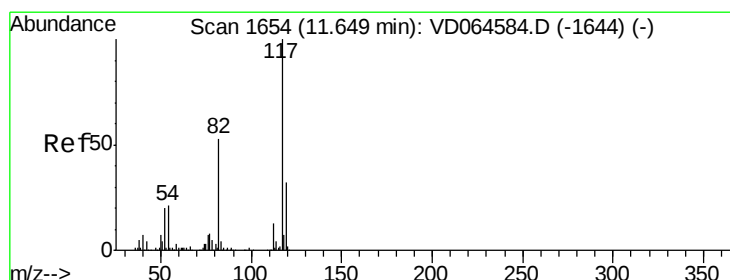
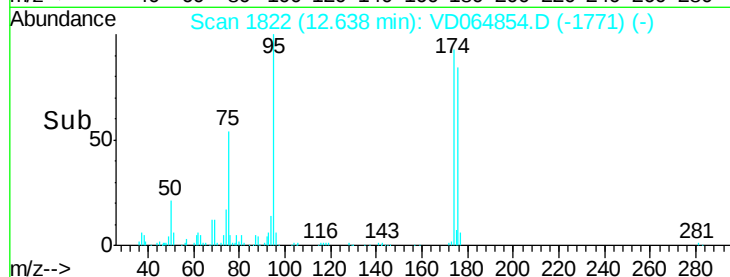
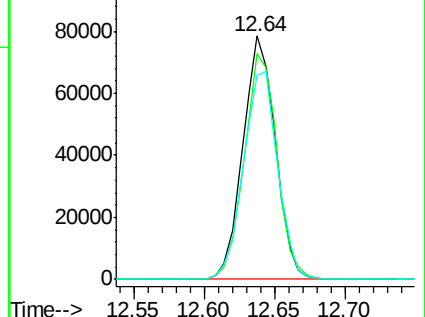
176 90.0 0.0 184.2



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: VD064854.D

Acq: 13 Jan 2020 17:29

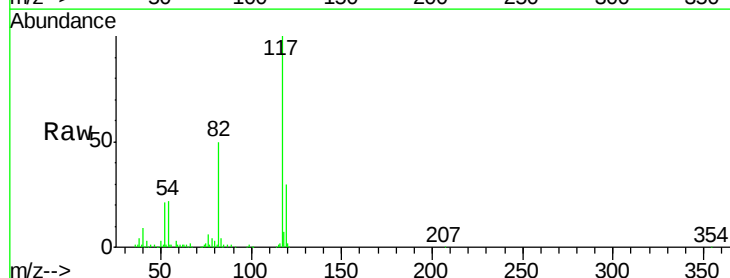
Tgt Ion: 117 Resp: 303568

Ion Ratio Lower Upper

117 100

82 50.0 42.2 63.4

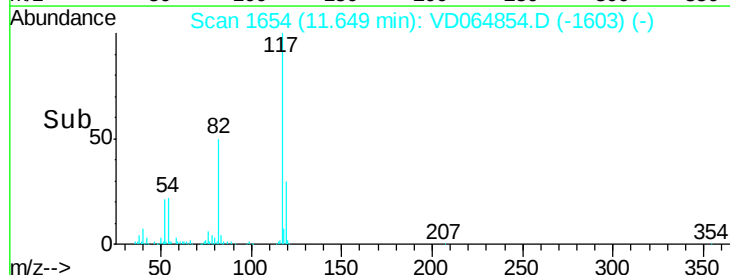
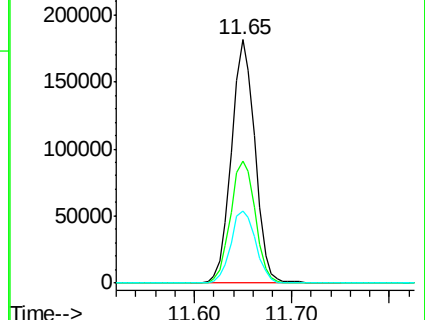
119 29.8 26.0 39.0

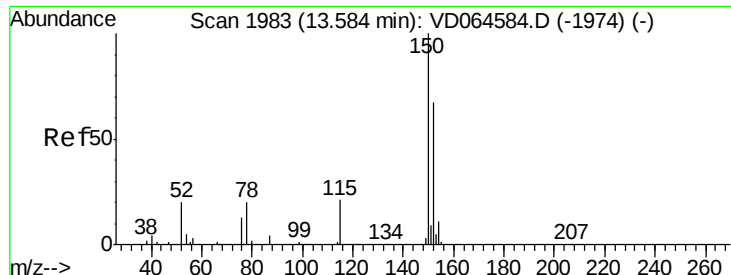


Abundance Ion 116.90 (116.60 to 117.60): V

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

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Acq: 13 Jan 2020 17:29

Instrument :

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ClientSampleId :

SB-2_13.0-13.5

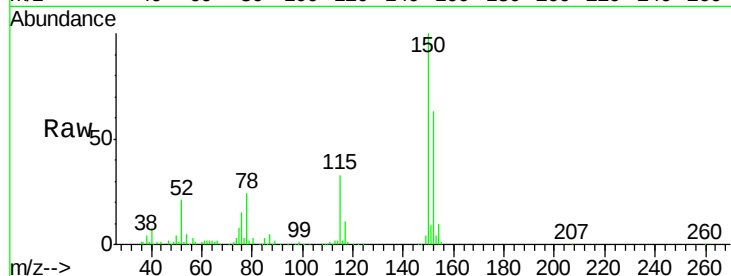
Tot Ion:152 Resp: 145295

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

150 158.8 0.0 351.4



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

