

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064870.D
 Acq On : 17 Jan 2020 18:36
 Operator : VA/SY
 Sample : L1176-10
 Misc : 5.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-8

Quant Time: Jan 17 23:51:05 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

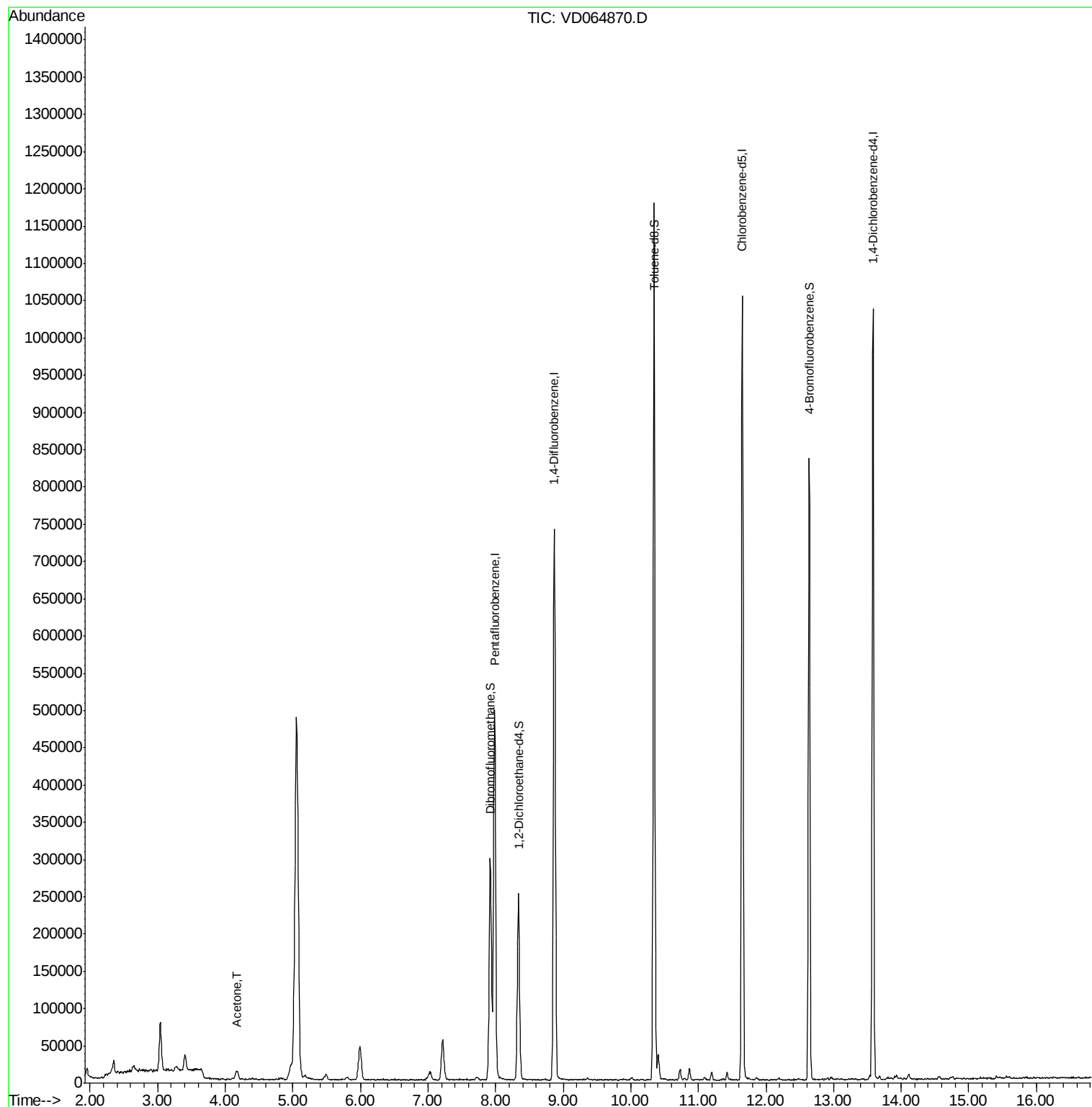
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	637948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	196236	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.92	113	203928	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.34	98	774896	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.64	95	243186	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
16) Acetone	4.17	43	22698	32.518	ug/l	Qvalue 96

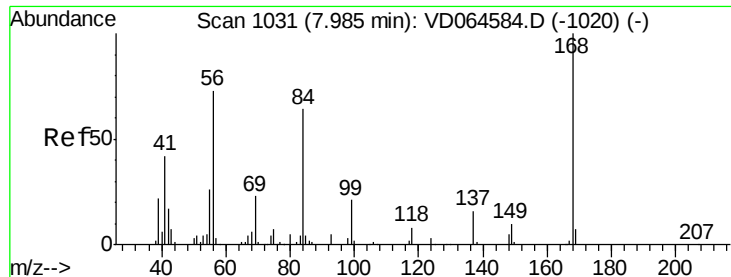
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064870.D

Acq: 17 Jan 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

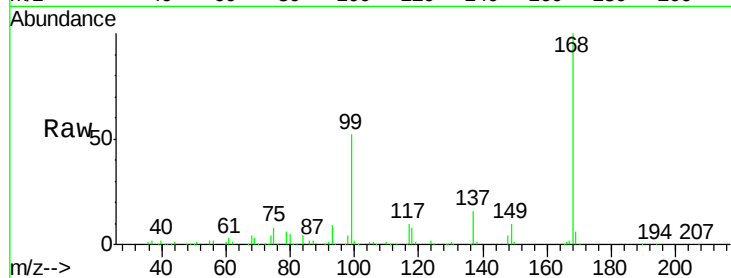
EP-8

Tot Ion:168 Resp: 383411

Ion Ratio Lower Upper

168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

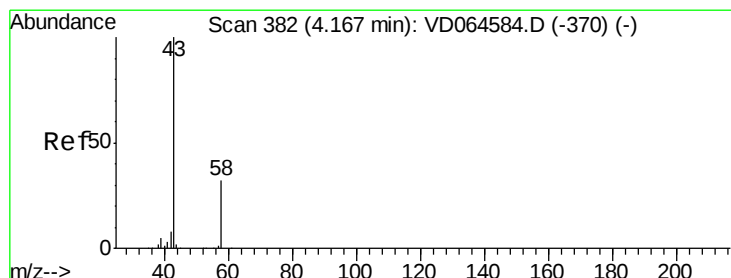
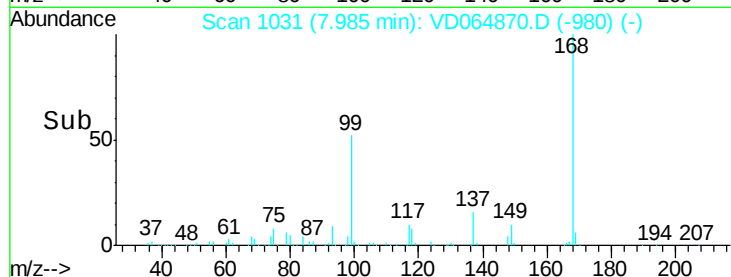
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 32.518 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064870.D

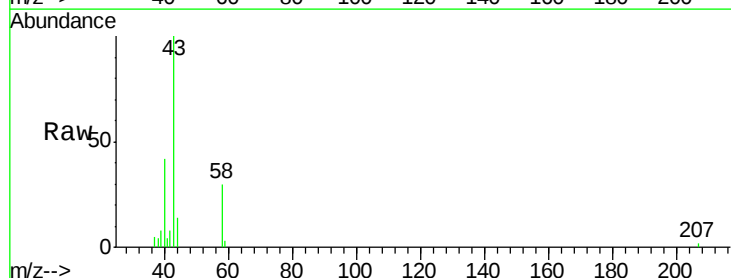
Acq: 17 Jan 2020 18:36

Tgt Ion: 43 Resp: 22698

Ion Ratio Lower Upper

43 100

58 30.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

8000

6000

4000

2000

0

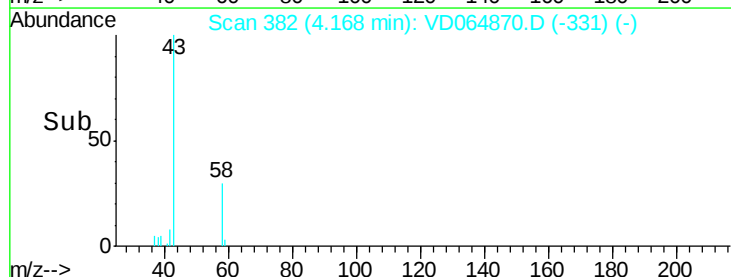
4.00

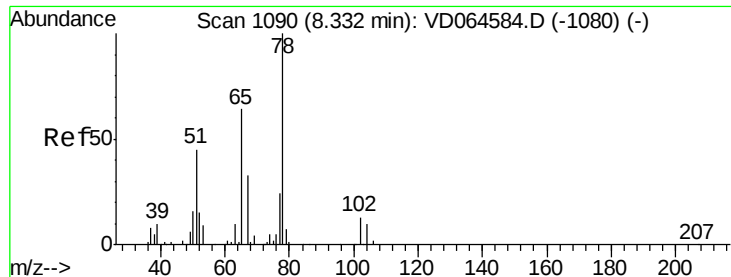
4.10

4.20

4.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.043 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064870.D

Acq: 17 Jan 2020 18:36

Instrument :

MSVOA_D

ClientSampled :

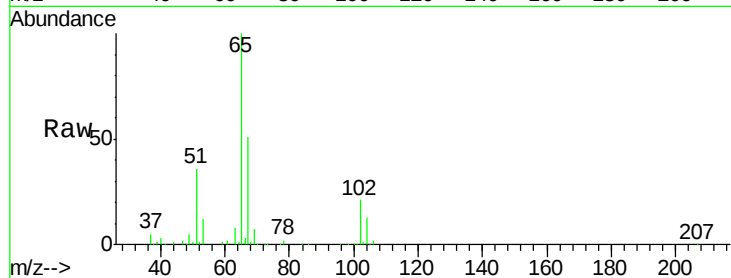
EP-8

Tot Ion: 65 Resp: 196236

Ion Ratio Lower Upper

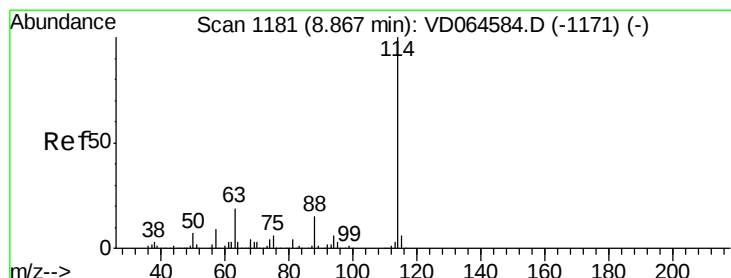
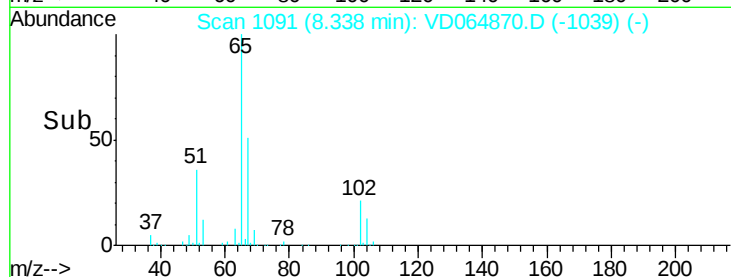
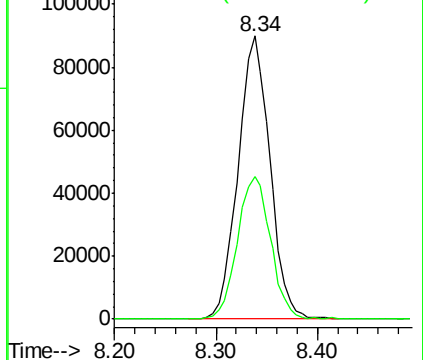
65 100

67 52.3 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: VD064870.D

Acq: 17 Jan 2020 18:36

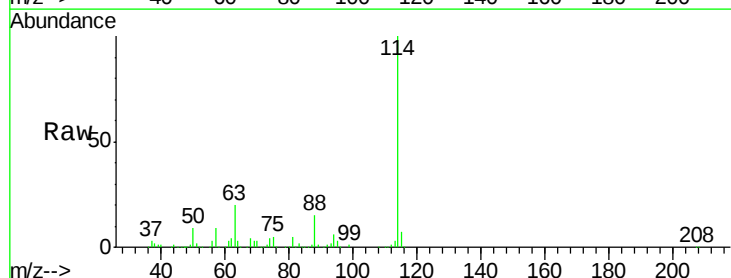
Tgt Ion: 114 Resp: 637948

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

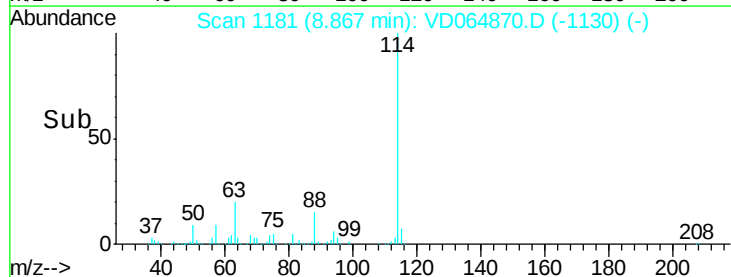
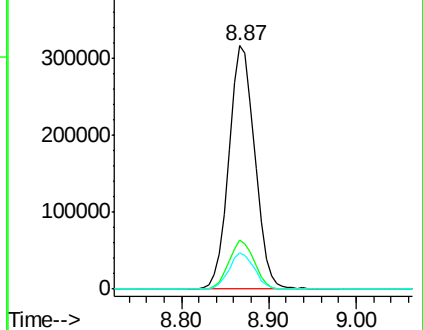
88 14.7 0.0 29.2

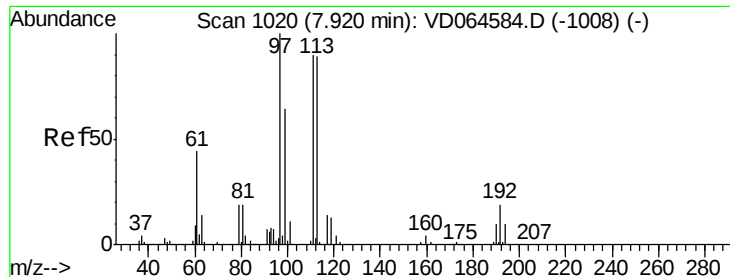


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

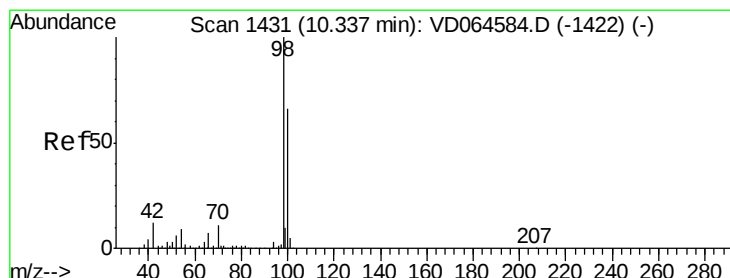
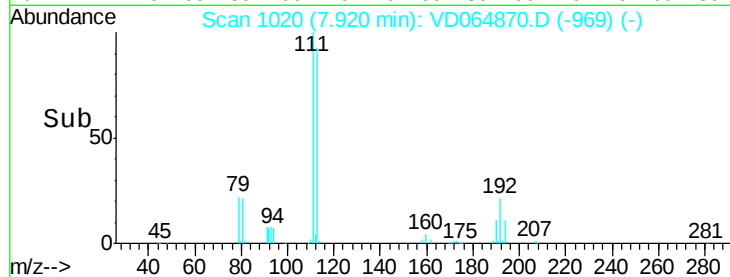
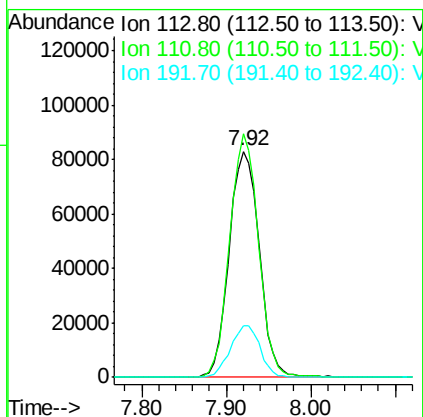
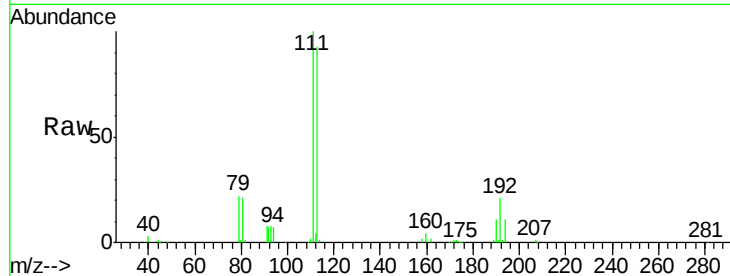




#35
 Dibromofluoromethane
 Concen: 52.103 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064870.D
 Acq: 17 Jan 2020 18:36

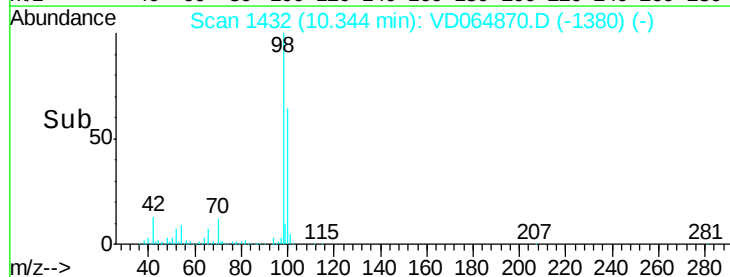
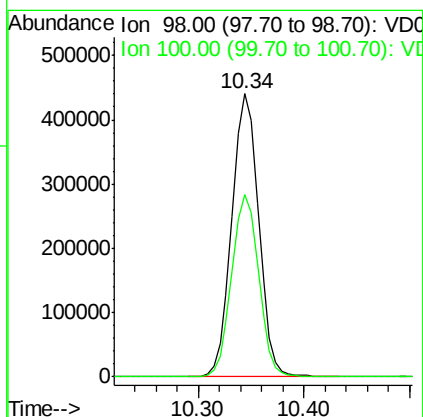
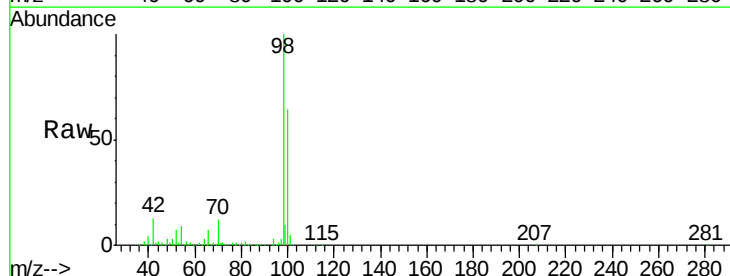
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-8

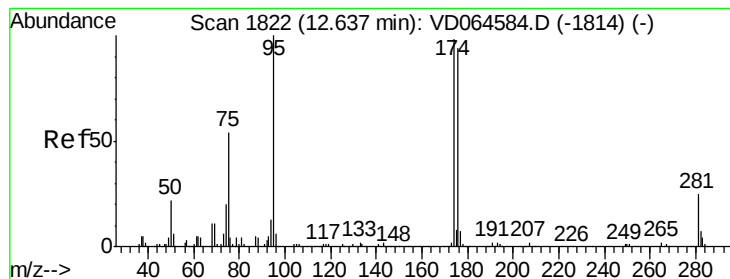
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.5	17.9	26.9



#50
 Toluene-d8
 Concen: 51.695 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064870.D
 Acq: 17 Jan 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 51.305 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064870.D

Acq: 17 Jan 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

EP-8

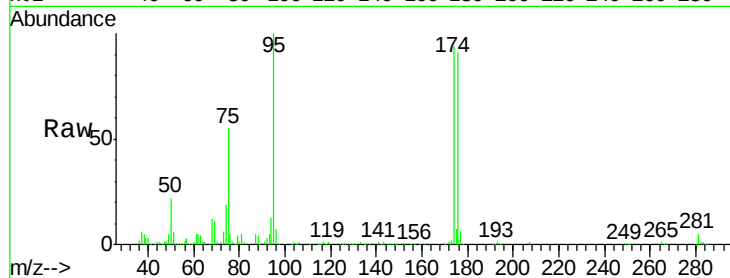
Tot Ion: 95 Resp: 243186

Ion Ratio Lower Upper

95 100

174 93.6 0.0 193.2

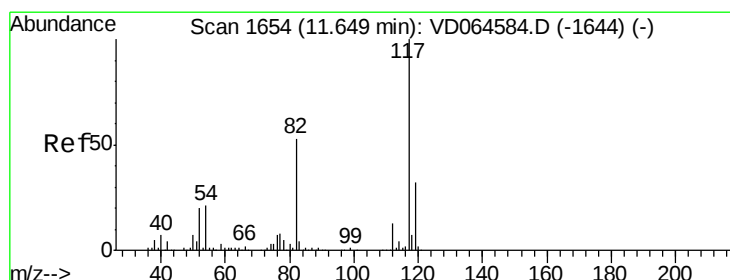
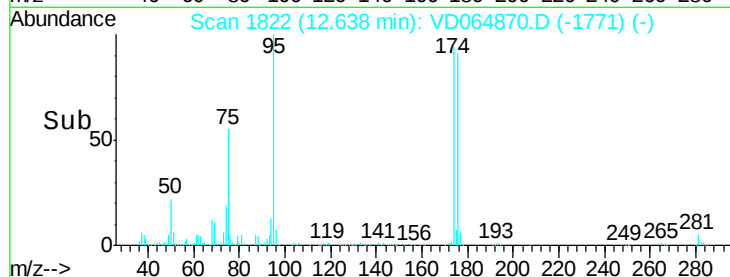
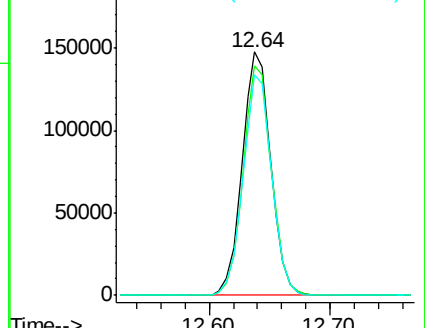
176 90.5 0.0 184.2



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: VD064870.D

Acq: 17 Jan 2020 18:36

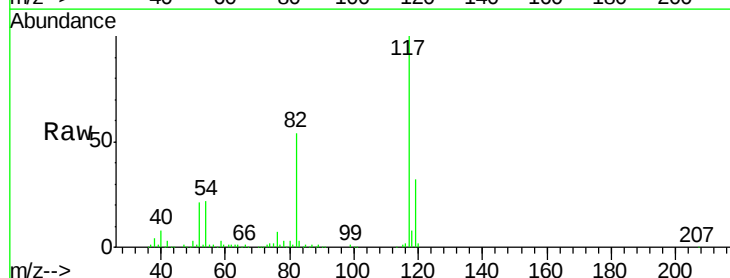
Tgt Ion: 117 Resp: 593483

Ion Ratio Lower Upper

117 100

82 53.9 42.2 63.4

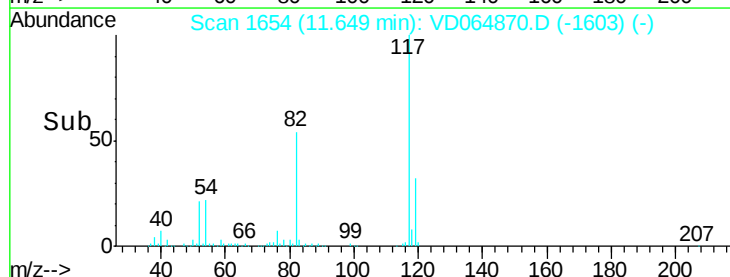
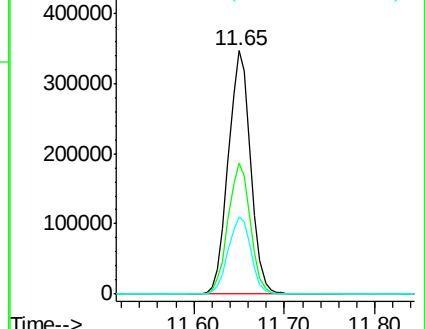
119 31.6 26.0 39.0

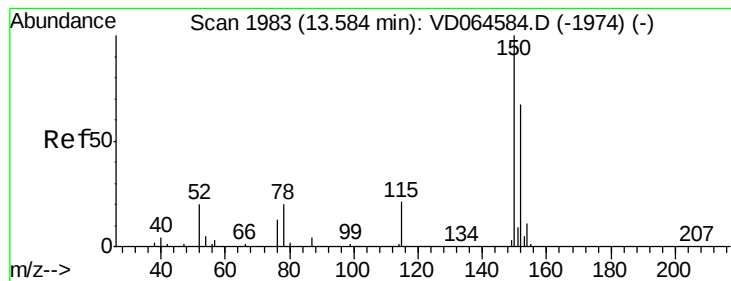


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064870.D

Acq: 17 Jan 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

EP-8

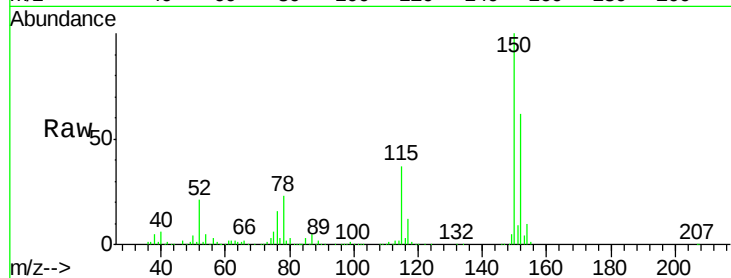
Tot Ion:152 Resp: 271510

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

150 160.6 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

