

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064764.D
 Acq On : 04 Jan 2020 06:53
 Operator : VA/SY
 Sample : K6484-48
 Misc : 6.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40112-40120

Quant Time: Jan 06 08:25:25 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

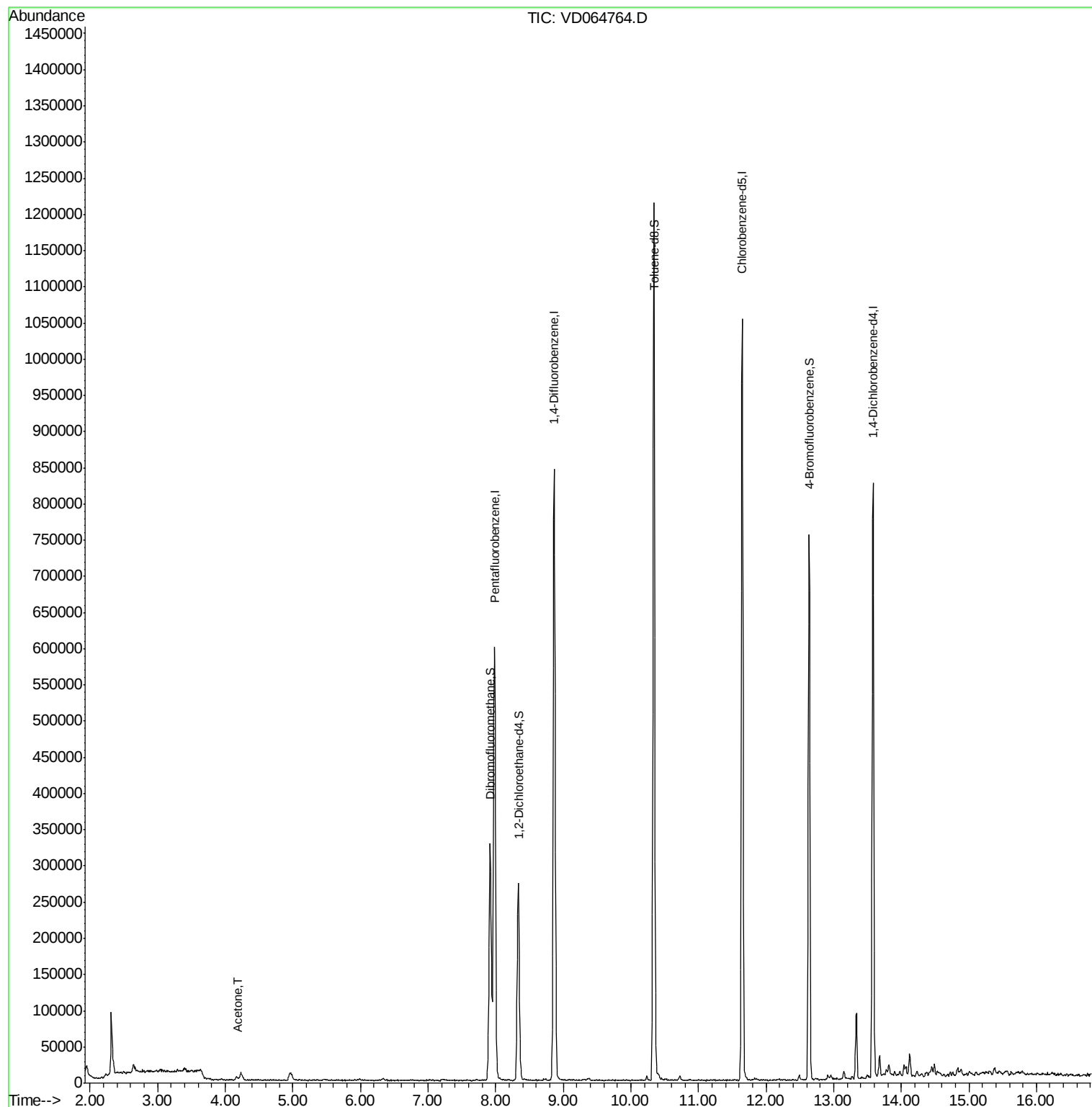
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	466962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	705572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	588631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	220347	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.92	113	225007	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.34	98	823076	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.64	95	222362	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
Target Compounds						
16) Acetone	4.18	43	6608	10.901	ug/l #	Qvalue 83

(#) = 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: VD064764.D

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Instrument :

MSVOA_D

ClientSampleId :

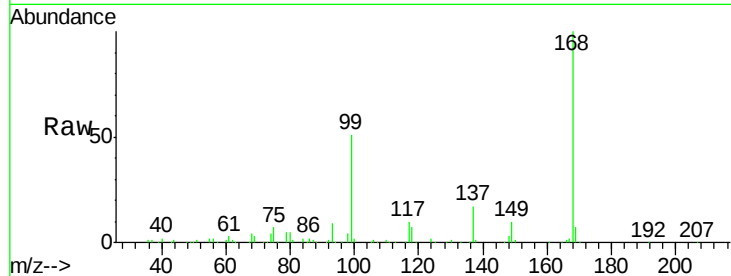
40112-40120

Tgt Ion: 168 Resp: 466962

Ion Ratio Lower Upper

168 100

99 51.4 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

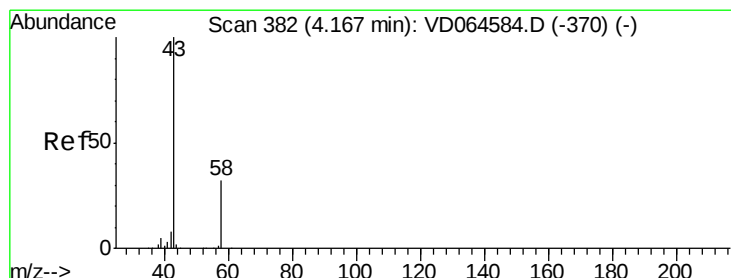
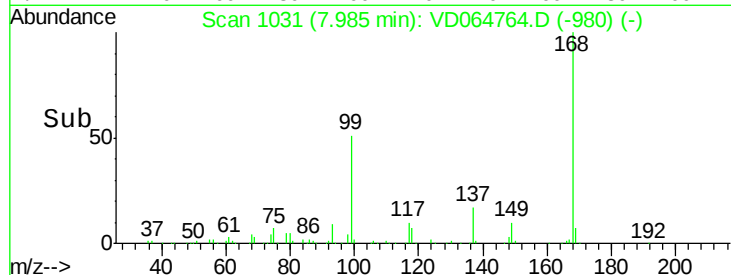
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.901 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064764.D

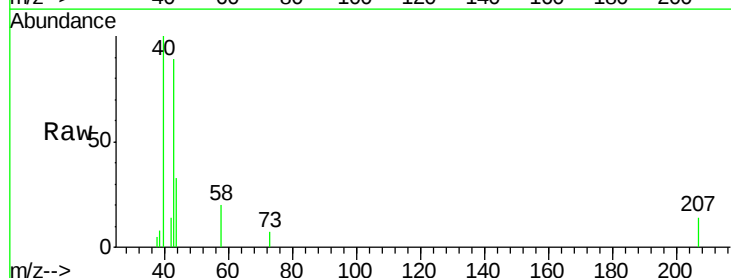
Acq: 04 Jan 2020 06:53

Tgt Ion: 43 Resp: 6608

Ion Ratio Lower Upper

43 100

58 22.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

2500

2000

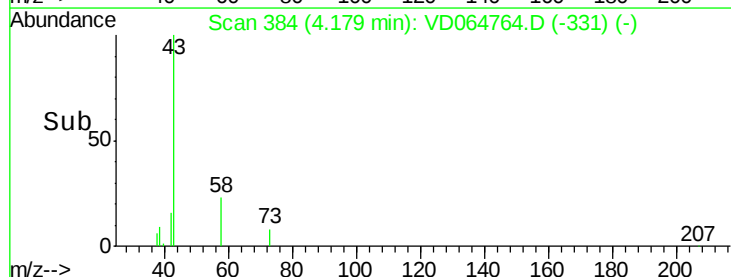
1500

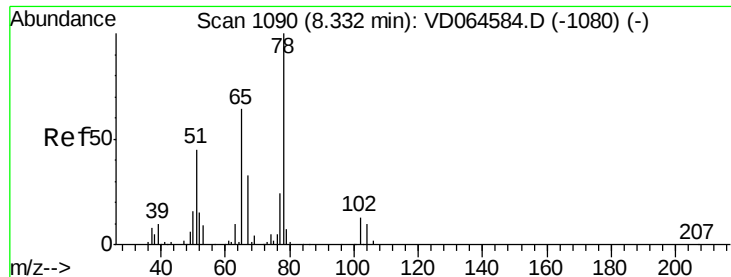
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.513 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064764.D

Acq: 04 Jan 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

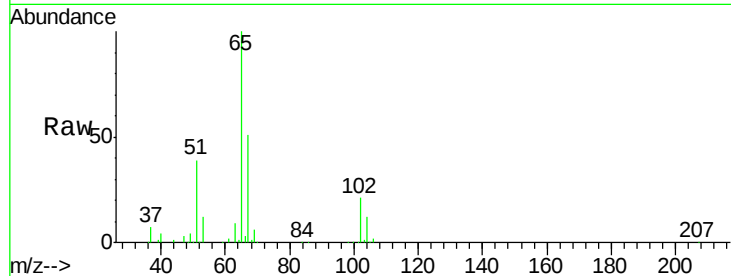
40112-40120

Tgt Ion: 65 Resp: 220347

Ion Ratio Lower Upper

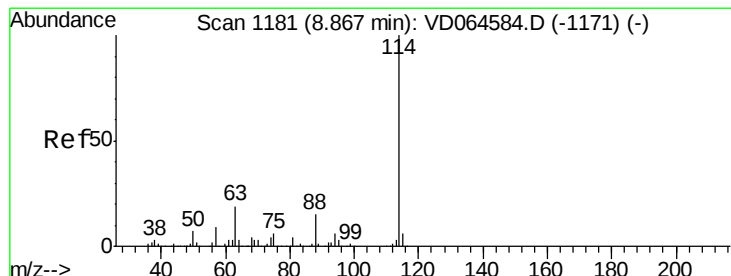
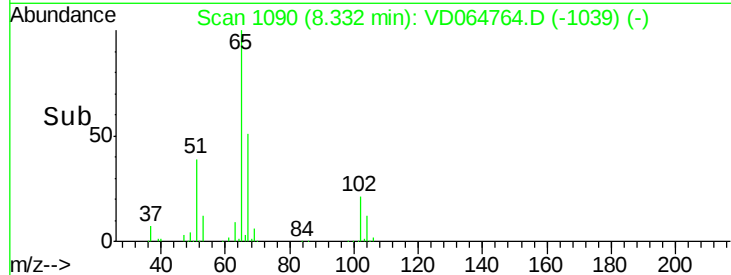
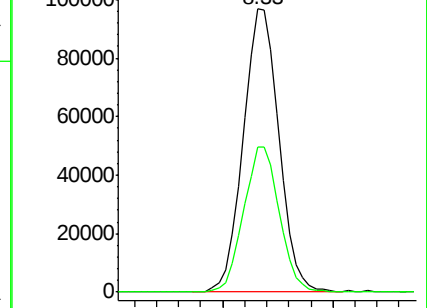
65 100

67 51.3 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: VD064764.D

Acq: 04 Jan 2020 06:53

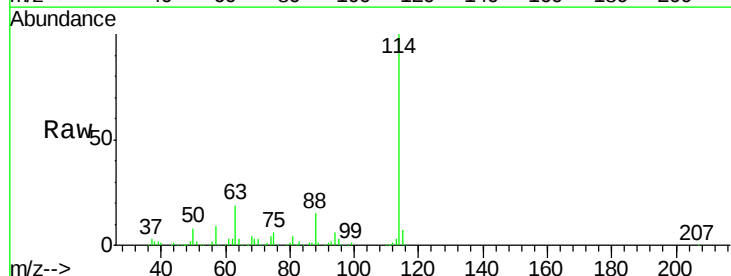
Tgt Ion: 114 Resp: 705572

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

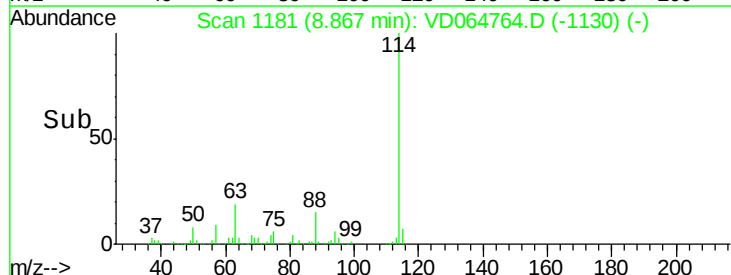
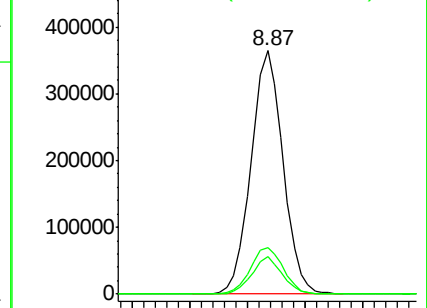
88 15.4 0.0 29.2

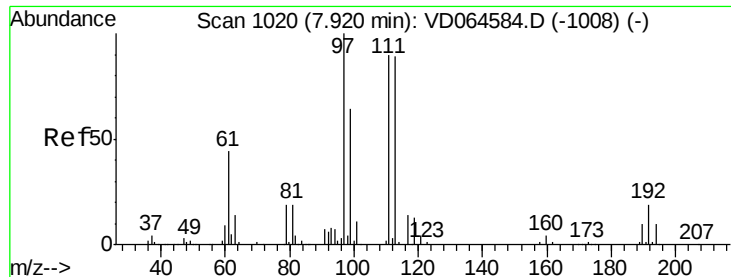


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

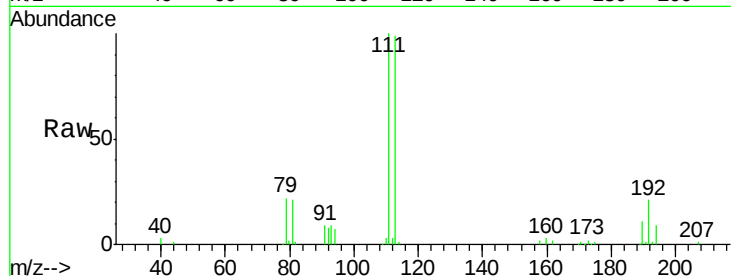




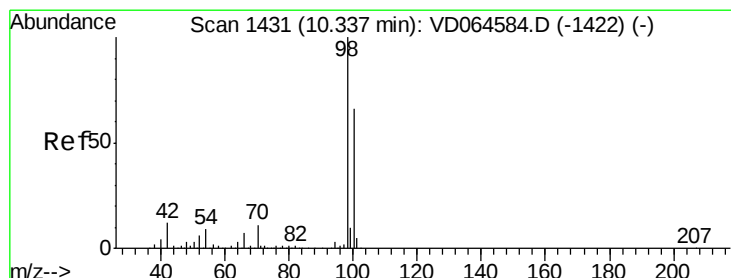
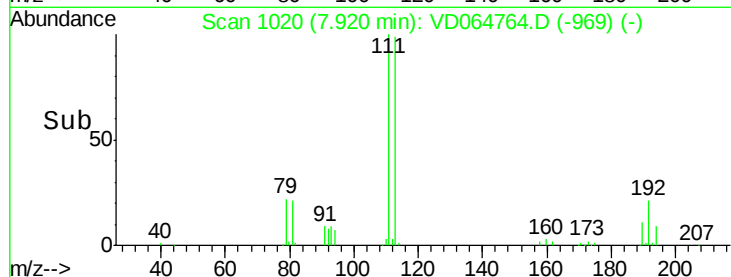
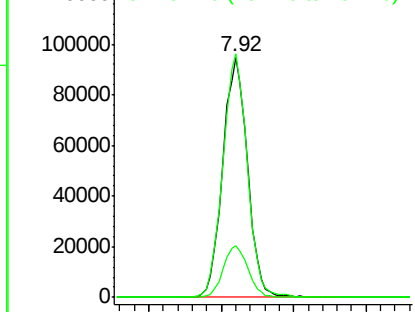
#35
 Dibromofluoromethane
 Concen: 51.979 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064764.D
 Acq: 04 Jan 2020 06:53

Instrument :
 MSVOA_D
 ClientSampleId :
 40112-40120

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	80.6	121.0
192	21.3	17.9	26.9

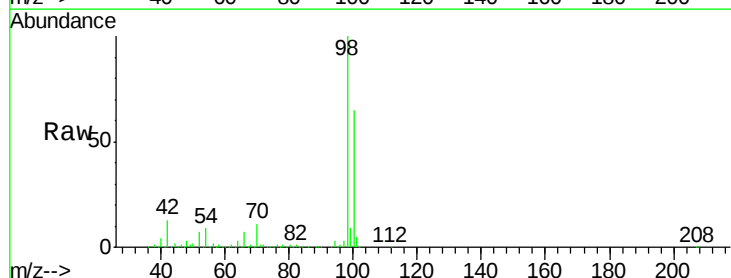


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

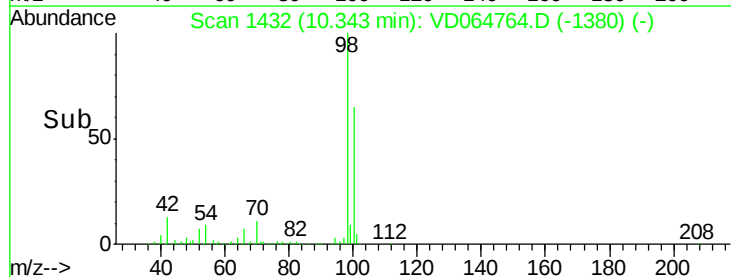
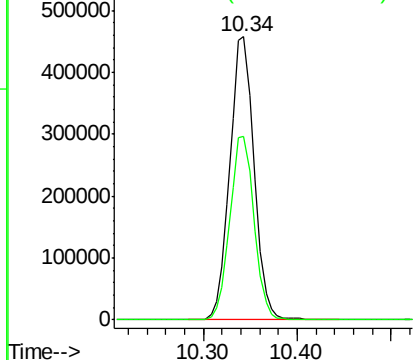


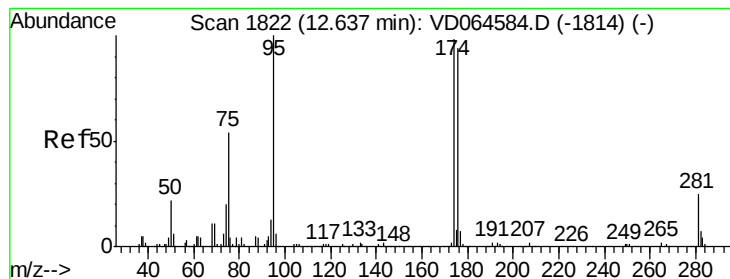
#50
 Toluene-d8
 Concen: 49.646 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064764.D
 Acq: 04 Jan 2020 06:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	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: 42.416 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064764.D

Acq: 04 Jan 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

40112-40120

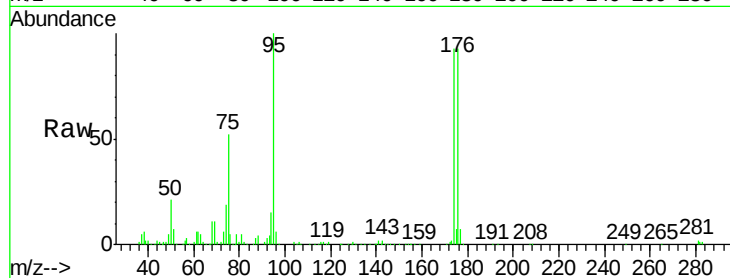
Tgt Ion: 95 Resp: 222362

Ion Ratio Lower Upper

95 100

174 94.6 0.0 193.2

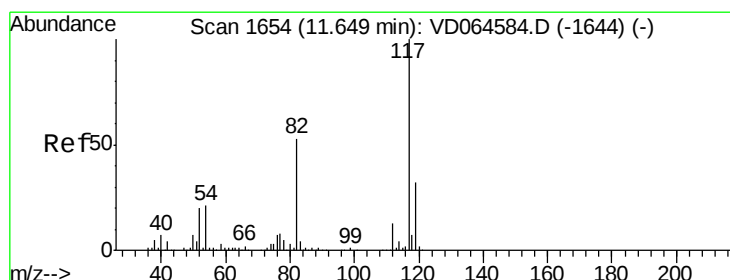
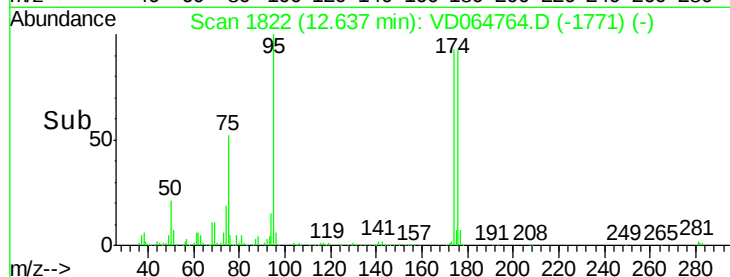
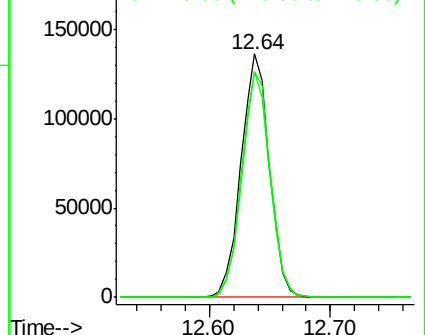
176 91.0 0.0 184.2



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: VD064764.D

Acq: 04 Jan 2020 06:53

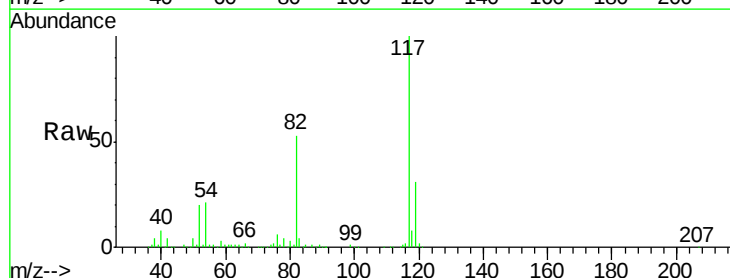
Tgt Ion: 117 Resp: 588631

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.4

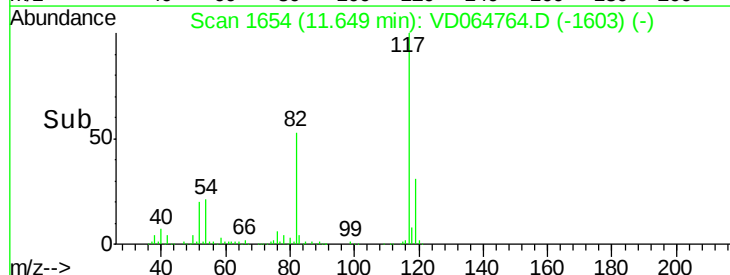
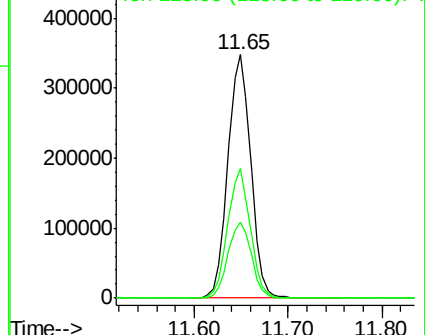
119 31.0 26.0 39.0

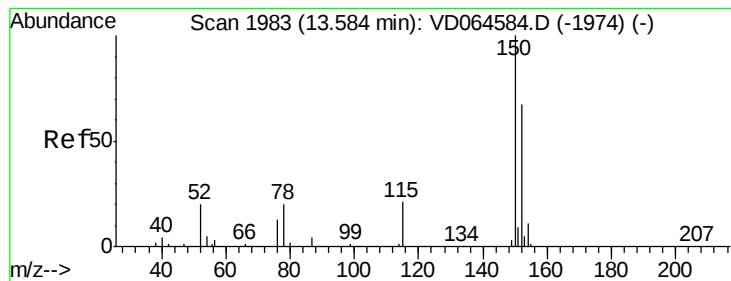


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064764.D

Acq: 04 Jan 2020 06:53

Instrument :

MSVOA_D

ClientSampleId :

40112-40120

Tgt Ion:152 Resp: 222768

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 155.2 0.0 351.4

