

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061764.D
 Acq On : 12 Apr 2019 4:43
 Operator : VA/AP
 Sample : K2342-10
 Misc : 4.76g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-S2

Quant Time: Apr 12 06:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

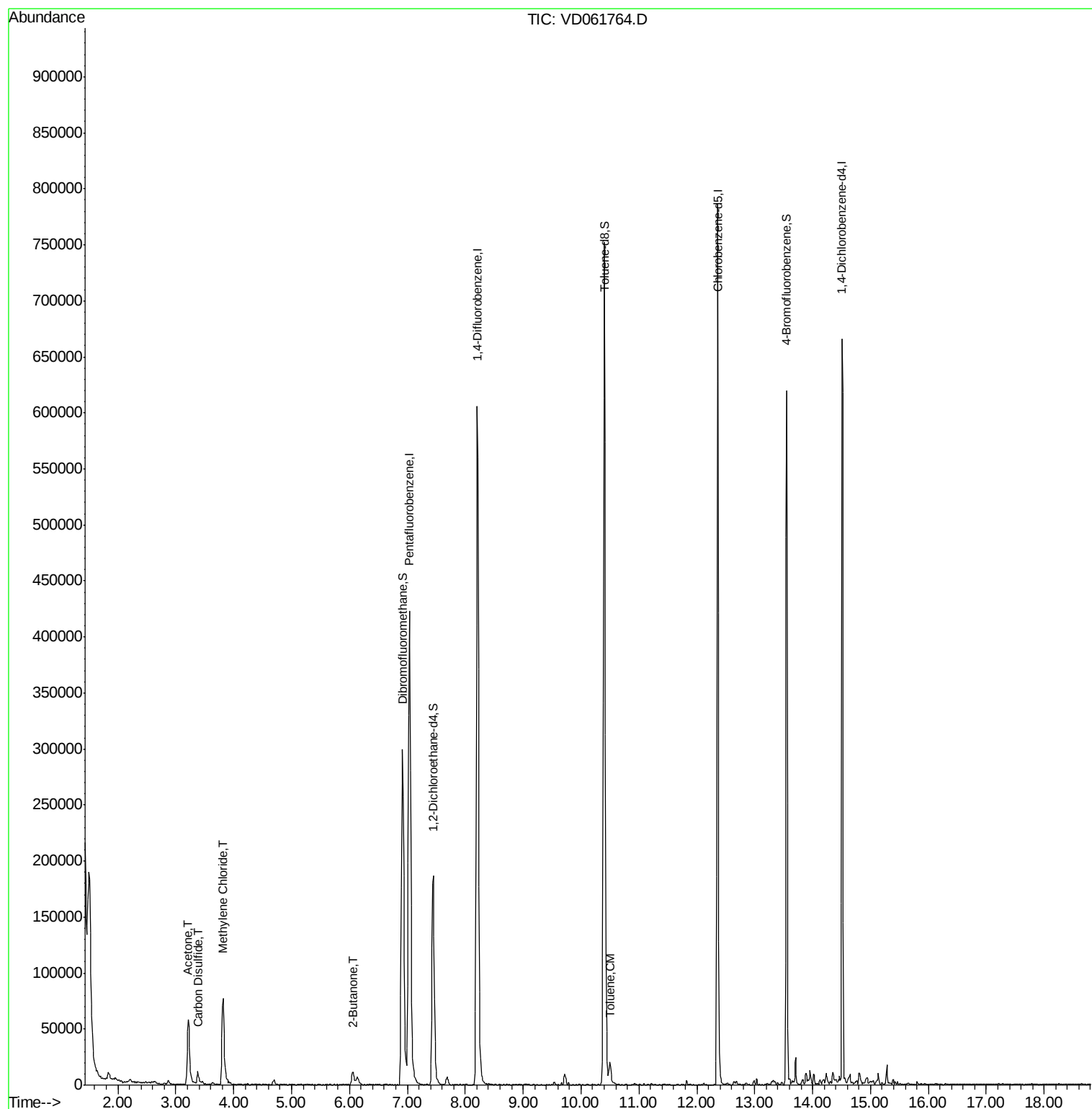
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	438198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	737883	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	487419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	171492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	195446	58.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.68%	
35) Dibromofluoromethane	6.92	113	306561	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.94%	
50) Toluene-d8	10.40	98	675217	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	13.55	95	200247	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
16) Acetone	3.22	43	117726	118.566	ug/l	99
17) Carbon Disulfide	3.38	76	20050	1.351	ug/l #	94
20) Methylene Chloride	3.82	84	60999	10.826	ug/l	94
25) 2-Butanone	6.06	43	27525	24.046	ug/l #	89
52) Toluene	10.50	92	11431	1.175	ug/l	84

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Instrument :

MSVOA_D

ClientSampleId :

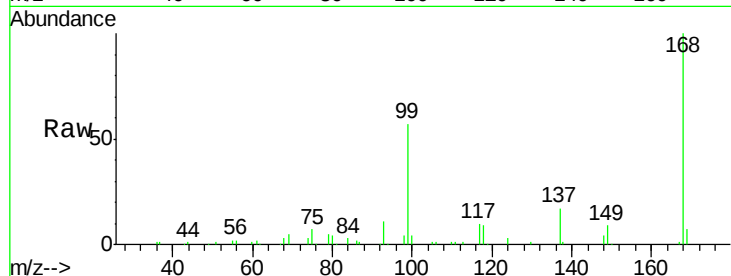
TP-12-S2

Tot Ion:168 Resp: 438198

Ion Ratio Lower Upper

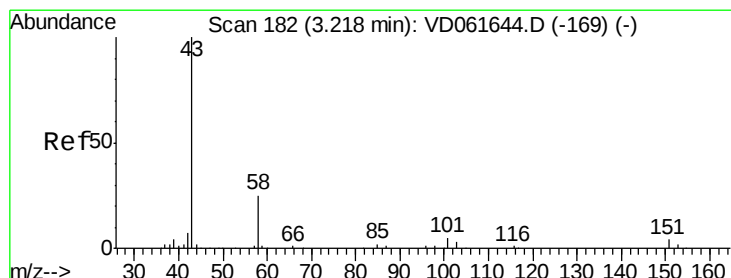
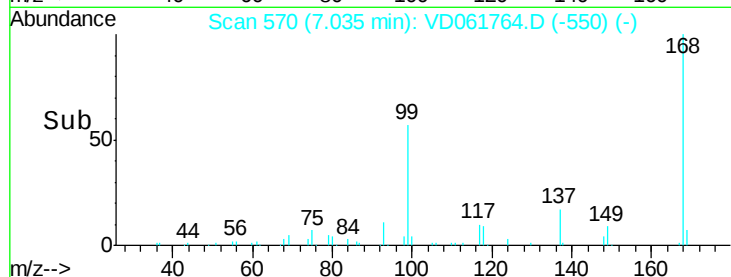
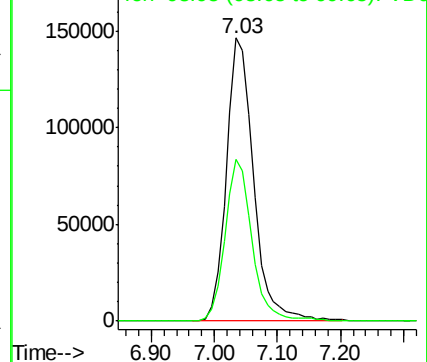
168 100

99 57.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 118.566 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061764.D

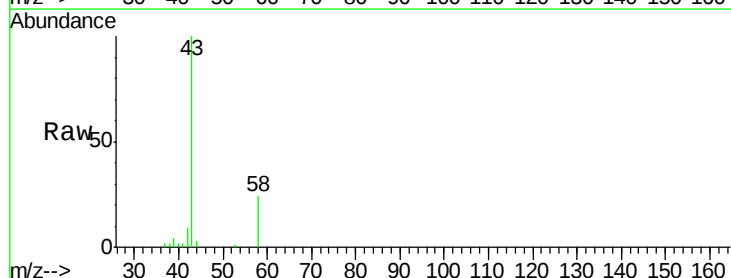
Acq: 12 Apr 2019 4:43

Tgt Ion: 43 Resp: 117726

Ion Ratio Lower Upper

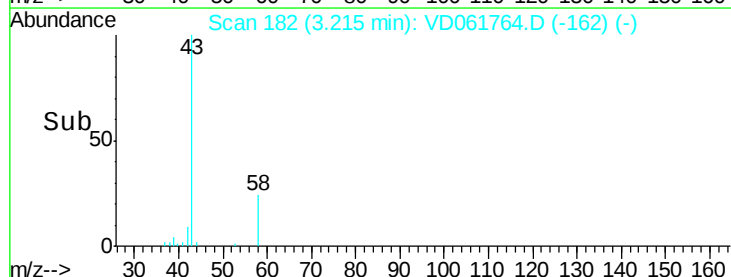
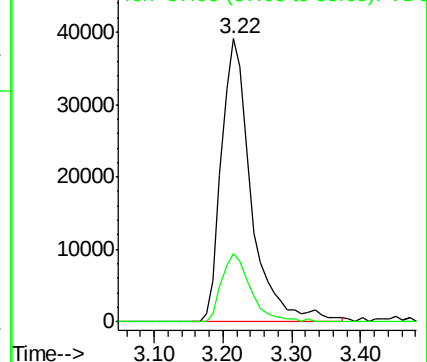
43 100

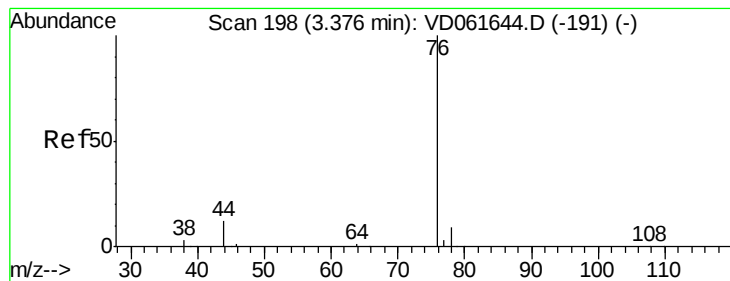
58 24.3 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.351 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Instrument :

MSVOA_D

ClientSampleId :

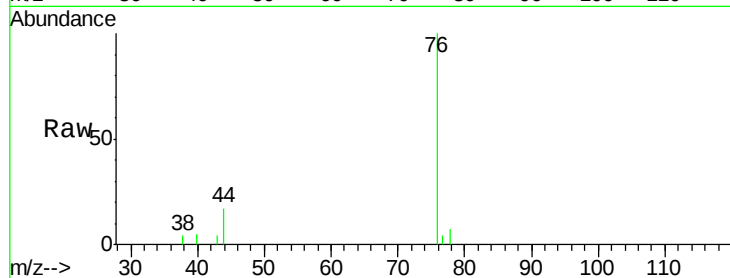
TP-12-S2

Tot Ion: 76 Resp: 20050

Ion Ratio Lower Upper

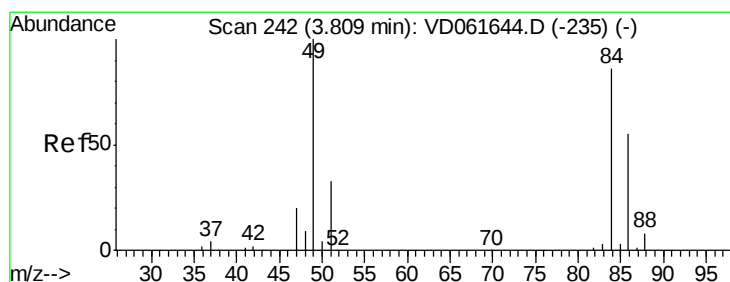
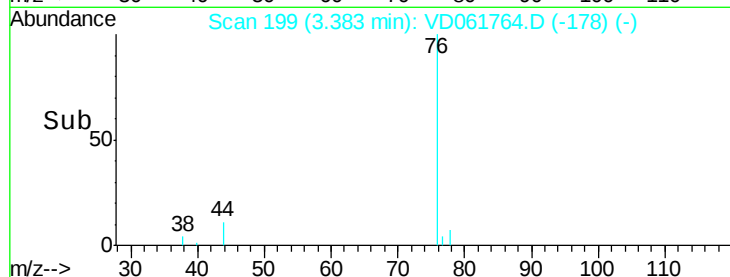
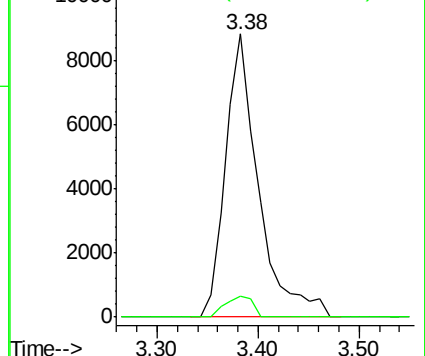
76 100

78 7.3 7.4 11.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 10.826 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Tgt Ion: 84 Resp: 60999

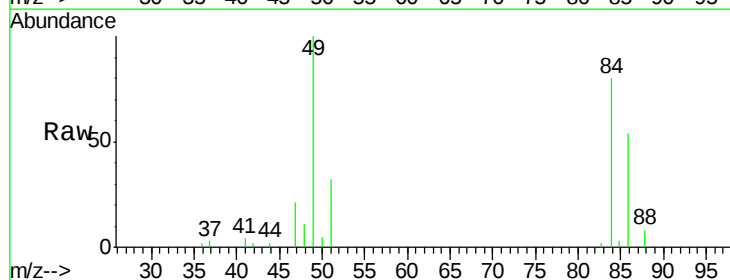
Ion Ratio Lower Upper

84 100

49 124.4 93.0 139.4

51 40.0 30.4 45.6

86 67.1 51.0 76.4

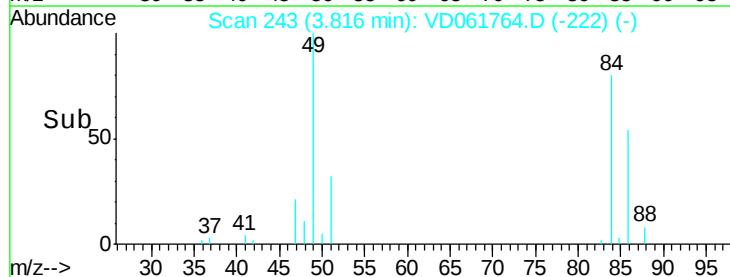
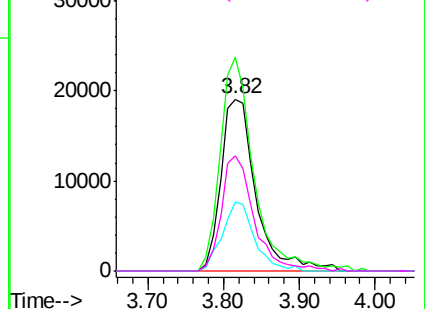


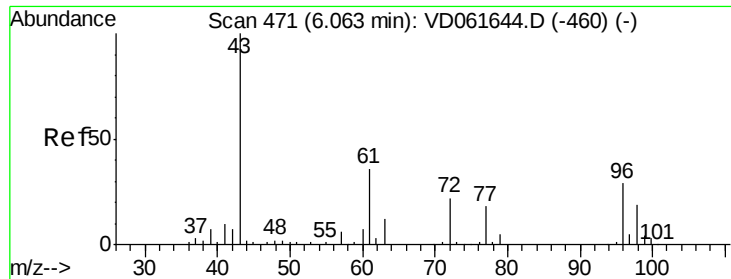
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 24.046 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Instrument :

MSVOA_D

ClientSampleId :

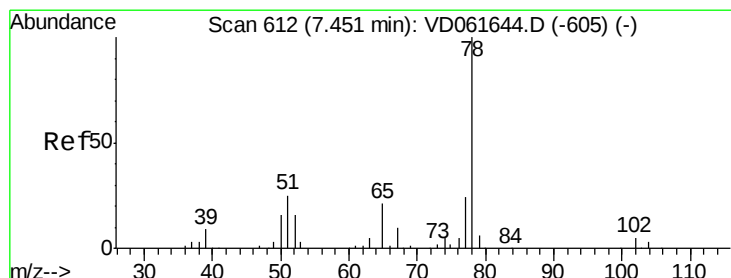
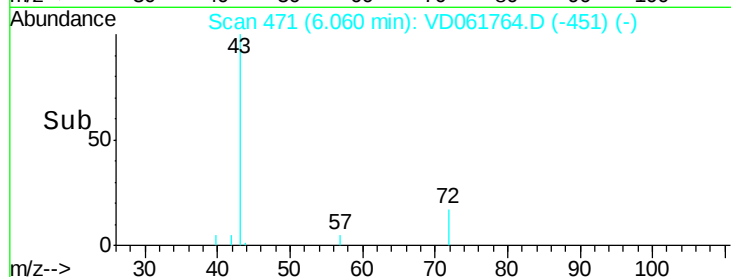
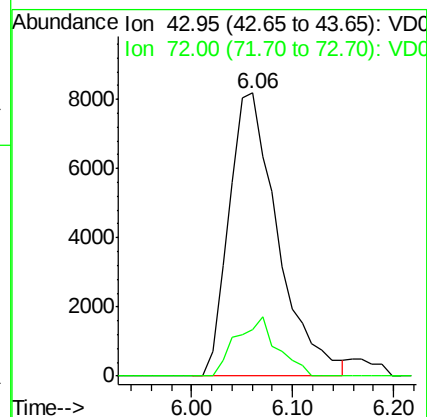
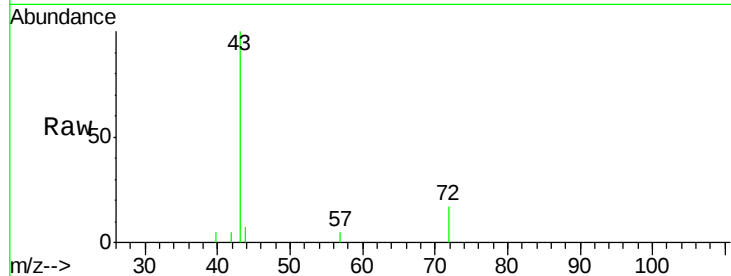
TP-12-S2

Tot Ion: 43 Resp: 27525

Ion Ratio Lower Upper

43 100

72 16.6 17.4 26.2#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061764.D

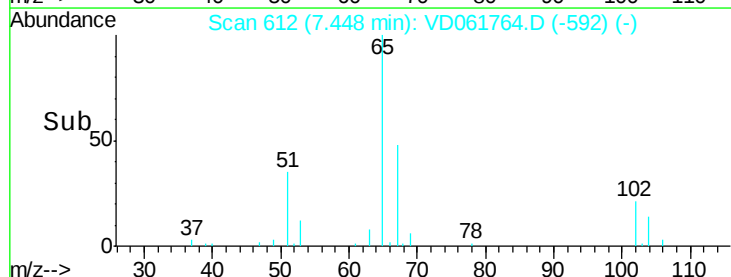
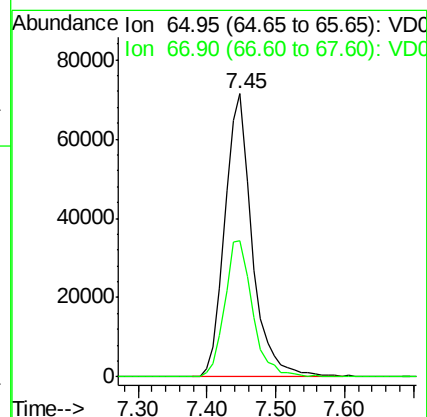
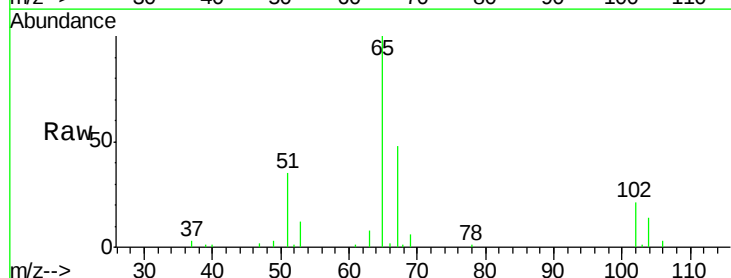
Acq: 12 Apr 2019 4:43

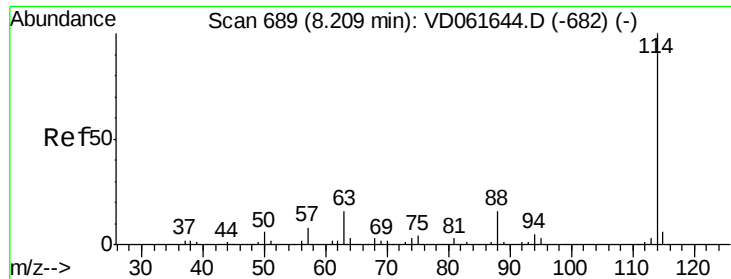
Tgt Ion: 65 Resp: 195446

Ion Ratio Lower Upper

65 100

67 48.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Instrument :

MSVOA_D

ClientSampleId :

TP-12-S2

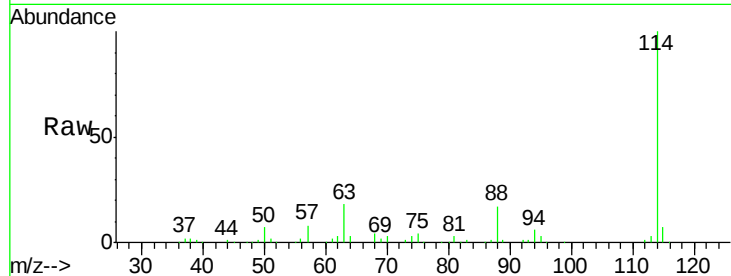
Tot Ion:114 Resp: 737883

Ion Ratio Lower Upper

114 100

63 17.7 0.0 31.2

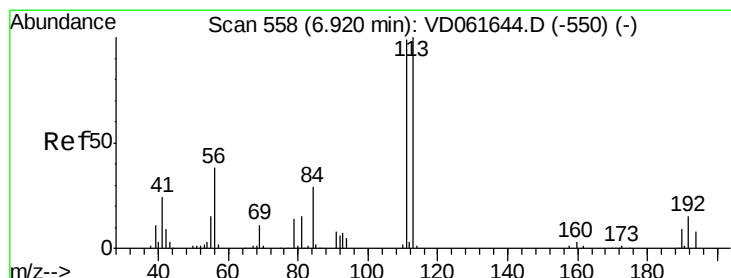
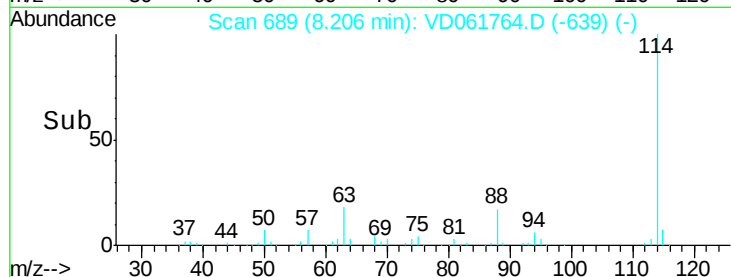
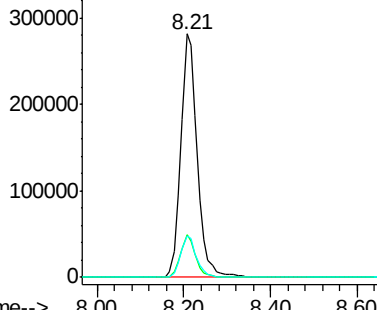
88 17.0 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

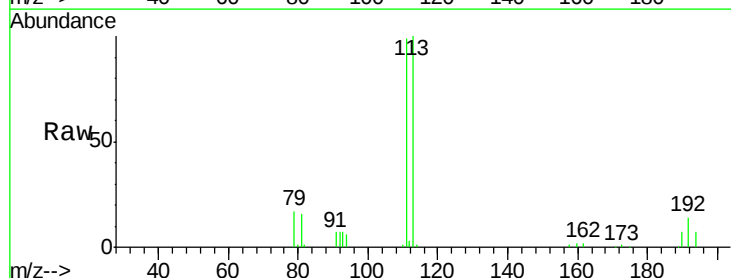
Tgt Ion:113 Resp: 306561

Ion Ratio Lower Upper

113 100

111 99.3 79.3 118.9

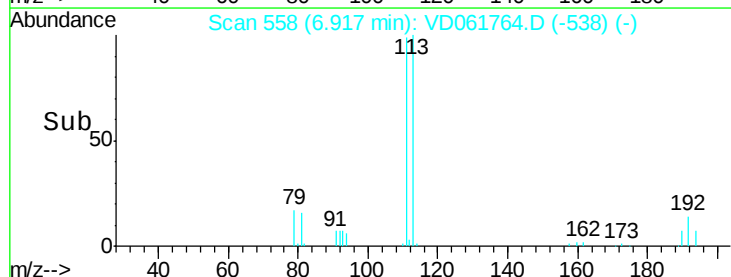
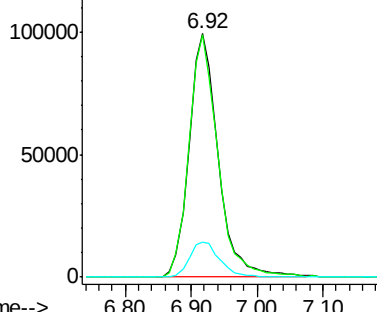
192 14.3 12.3 18.5

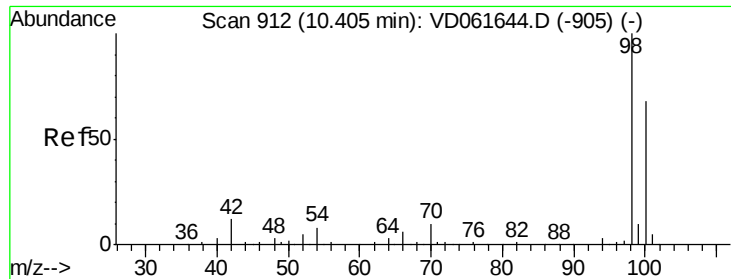


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

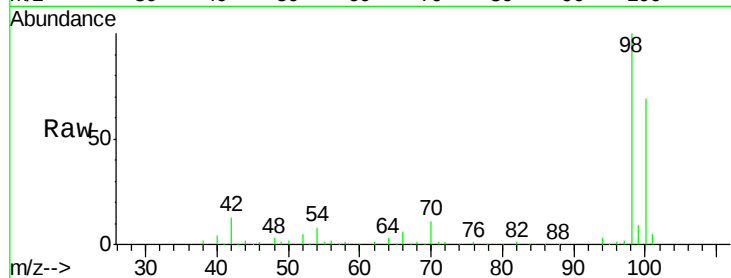




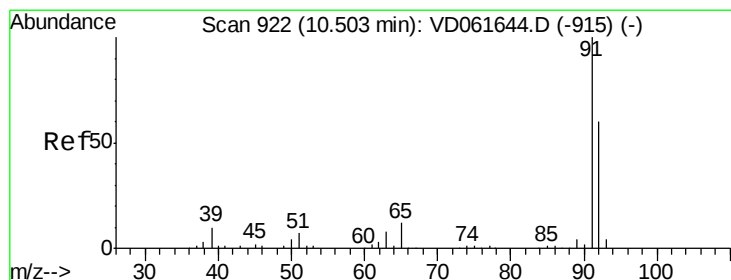
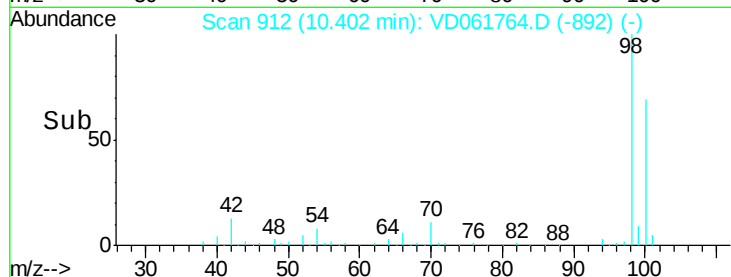
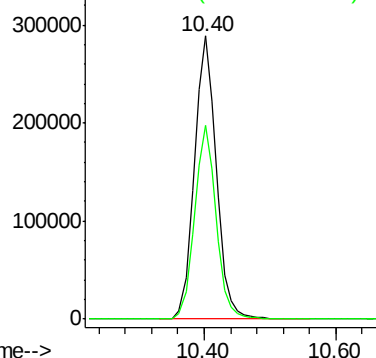
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061764.D
Acq: 12 Apr 2019 4:43

Instrument :
MSVOA_D
ClientSampleId :
TP-12-S2

Tot Ion: 98 Resp: 675217
Ion Ratio Lower Upper
98 100
100 68.6 55.4 83.0

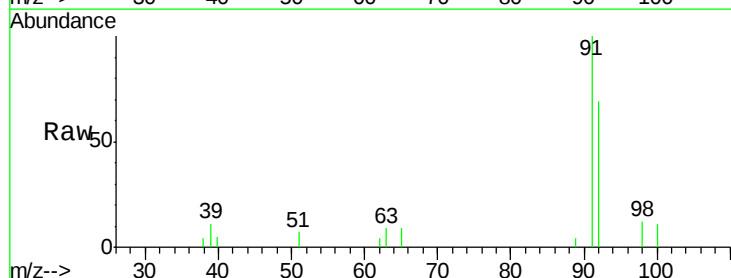


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

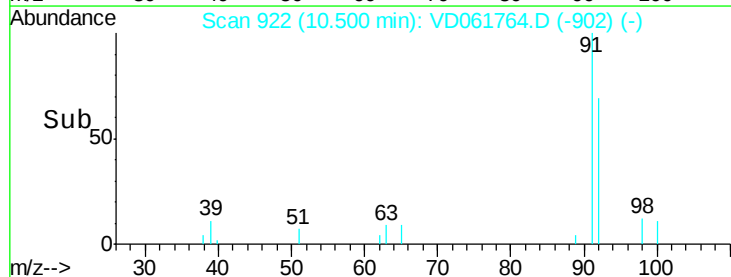
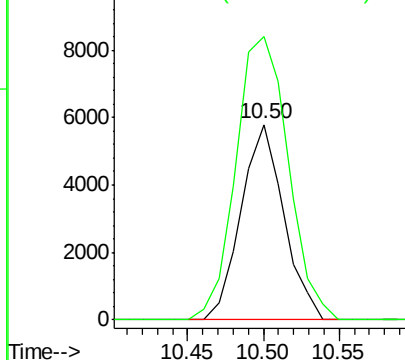


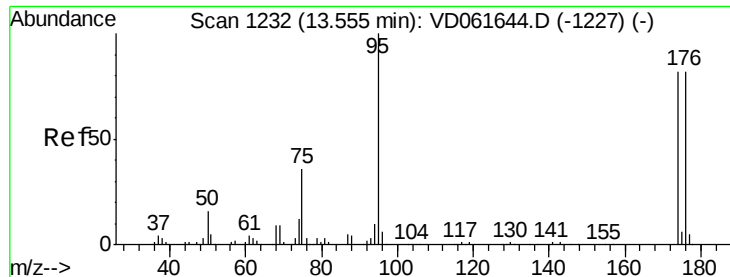
#52
Toluene
Concen: 1.175 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: VD061764.D
Acq: 12 Apr 2019 4:43

Tgt Ion: 92 Resp: 11431
Ion Ratio Lower Upper
92 100
91 145.0 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Instrument :

MSVOA_D

ClientSampleId :

TP-12-S2

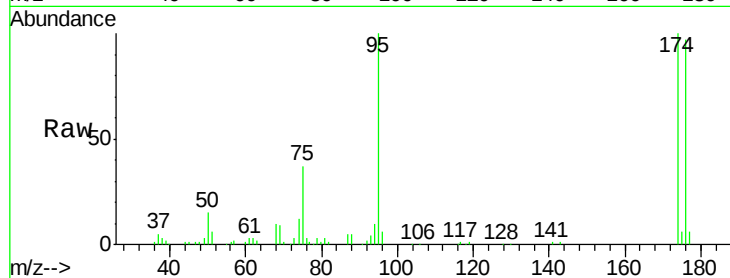
Tot Ion: 95 Resp: 200247

Ion Ratio Lower Upper

95 100

174 100.0 0.0 164.6

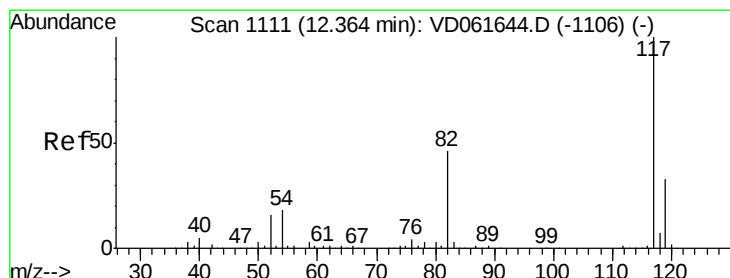
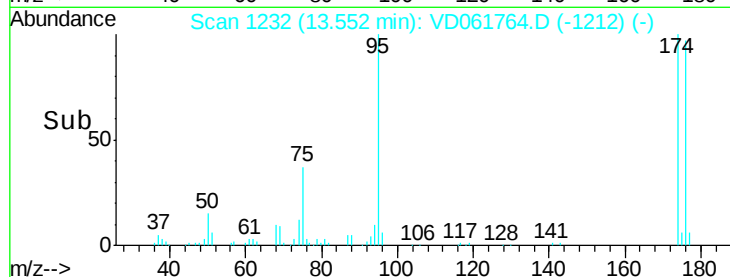
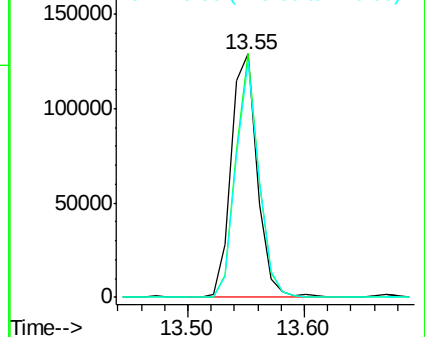
176 96.6 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

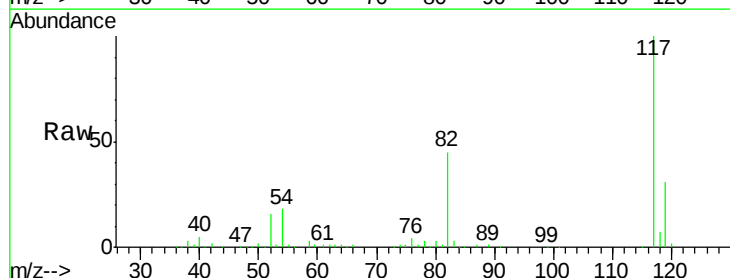
Tgt Ion: 117 Resp: 487419

Ion Ratio Lower Upper

117 100

82 45.4 36.8 55.2

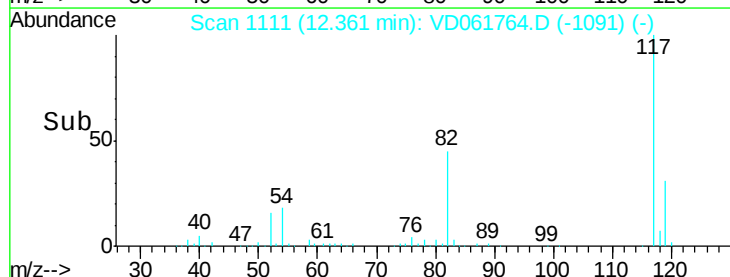
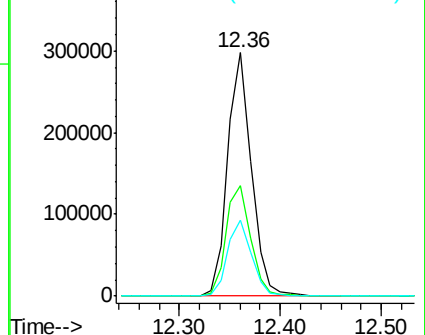
119 31.2 26.1 39.1

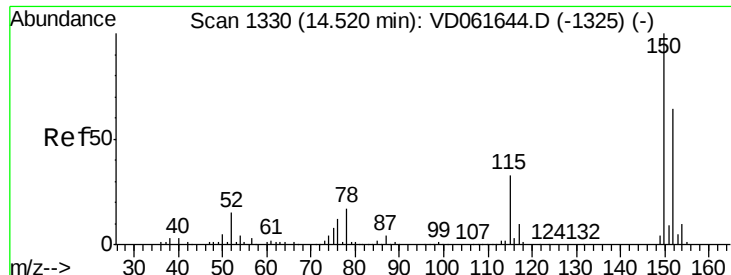


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061764.D

Acq: 12 Apr 2019 4:43

Instrument :

MSVOA_D

ClientSampleId :

TP-12-S2

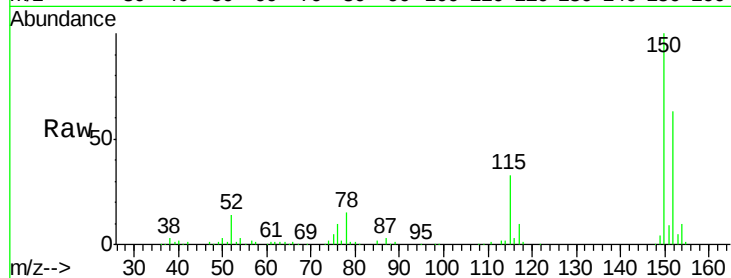
Tot Ion:152 Resp: 171492

Ion Ratio Lower Upper

152 100

115 51.7 26.4 79.2

150 158.0 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

