

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061701.D
 Acq On : 10 Apr 2019 5:45
 Operator : VA/AP
 Sample : K2338-08
 Misc : 5.91g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-SHALLOW

Quant Time: Apr 10 06:46:31 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

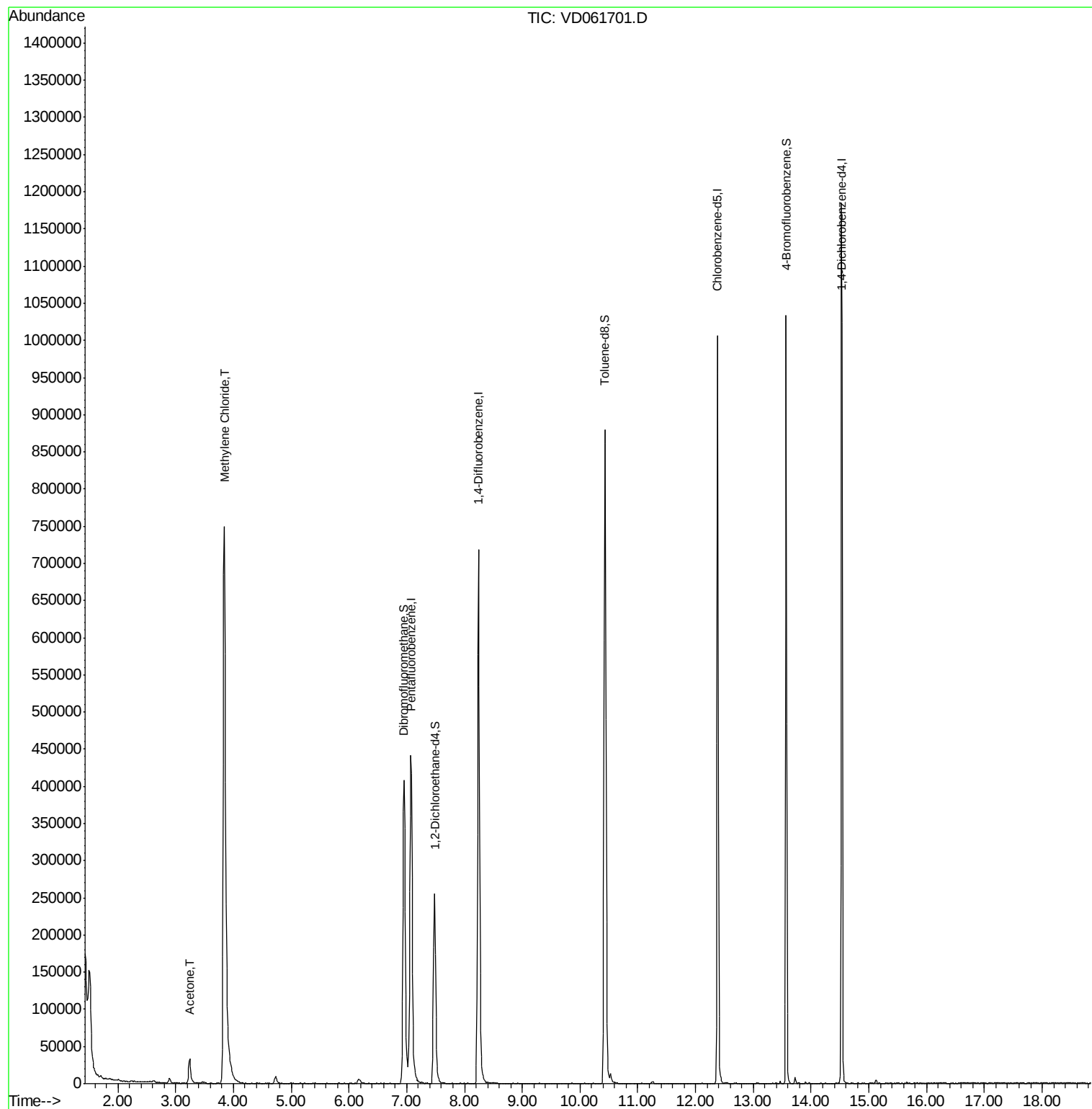
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	481509	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	849235	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	669141	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	296688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	263390	72.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	144.34%	
35) Dibromofluoromethane	6.95	113	395292	67.19	ug/l	0.03
Spiked Amount 50.000			Recovery	=	134.38%	
50) Toluene-d8	10.43	98	815340	55.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.32%	
62) 4-Bromofluorobenzene	13.57	95	310233	63.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	126.18%	
Target Compounds						
16) Acetone	3.24	43	63965	58.627	ug/l	93
20) Methylene Chloride	3.84	84	582815	94.136	ug/l	97

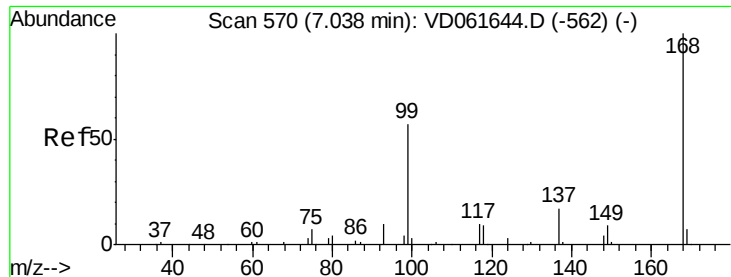
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 575

Delta R.T. 0.04 min

Lab File: VD061701.D

Acq: 10 Apr 2019 5:45

Instrument :

MSVOA_D

ClientSampleId :

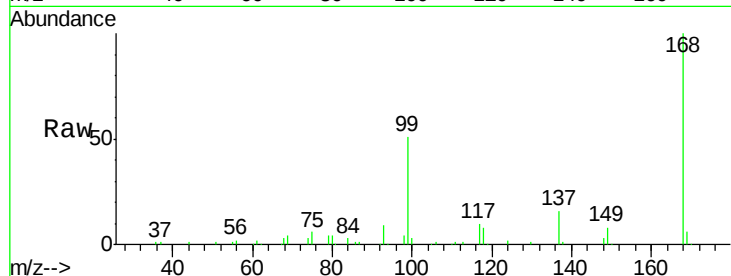
TP-2-SHALLOW

Tot Ion:168 Resp: 481509

Ion Ratio Lower Upper

168 100

99 50.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

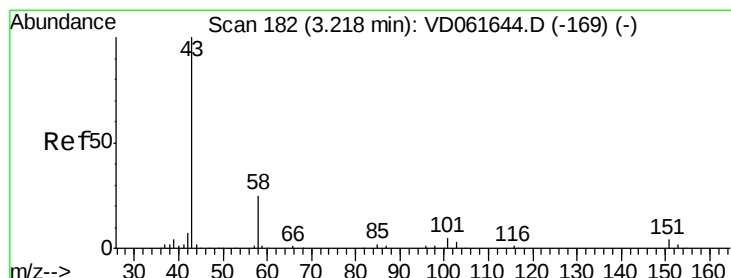
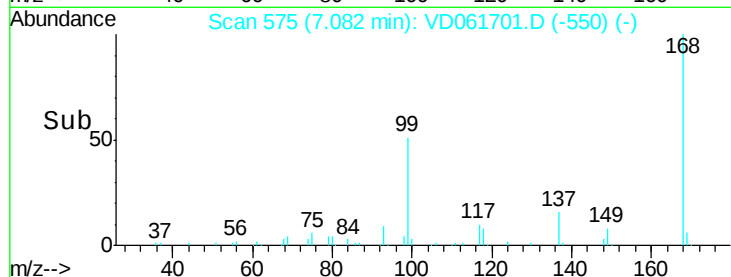
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 58.627 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061701.D

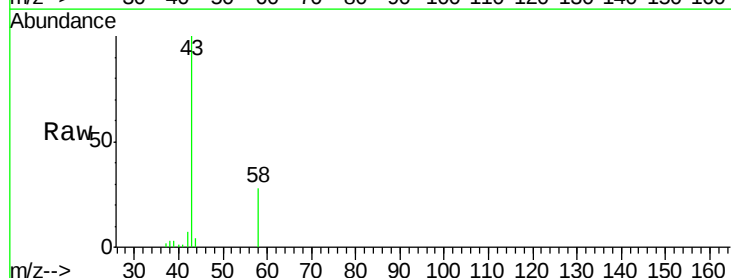
Acq: 10 Apr 2019 5:45

Tgt Ion: 43 Resp: 63965

Ion Ratio Lower Upper

43 100

58 28.1 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

25000

20000

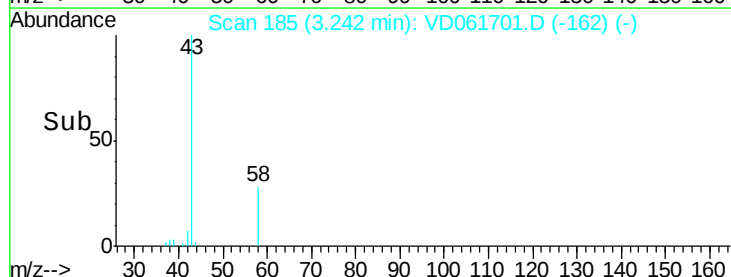
15000

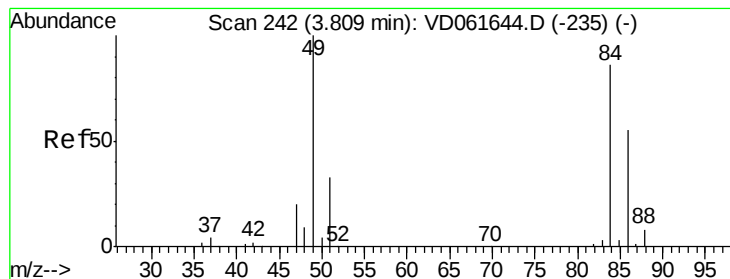
10000

5000

0

Time--> 3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 94.136 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.03 min

Lab File: VD061701.D

Acq: 10 Apr 2019 5:45

Instrument :

MSVOA_D

ClientSampleId :

TP-2-SHALLOW

Tot Ion: 84 Resp: 582815

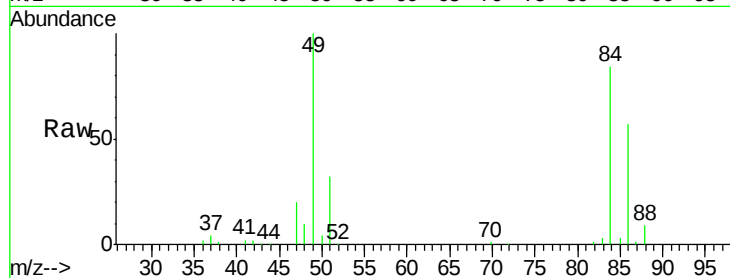
Ion Ratio Lower Upper

84 100

49 119.4 93.0 139.4

51 38.0 30.4 45.6

86 67.8 51.0 76.4

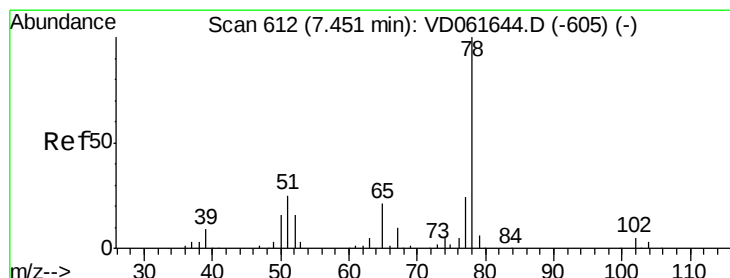
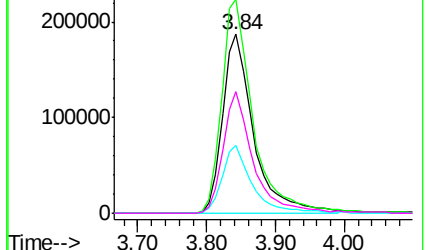
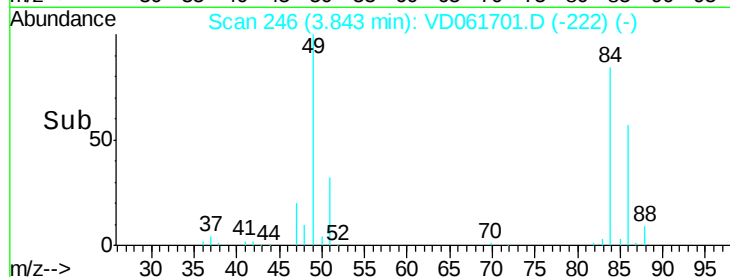


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.03 min

Lab File: VD061701.D

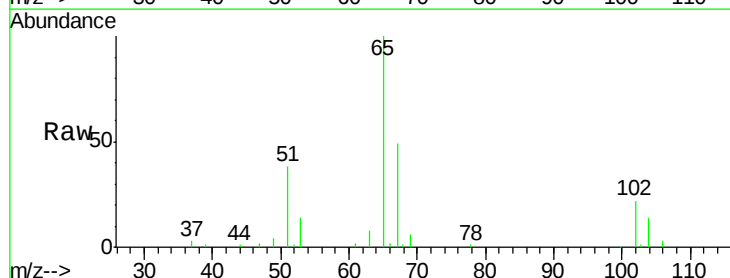
Acq: 10 Apr 2019 5:45

Tgt Ion: 65 Resp: 263390

Ion Ratio Lower Upper

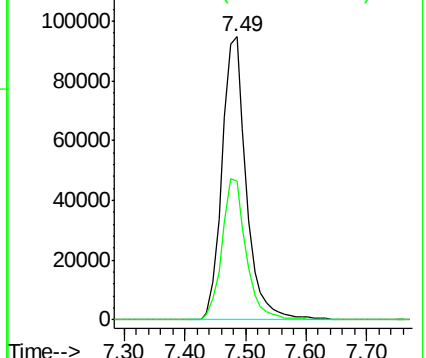
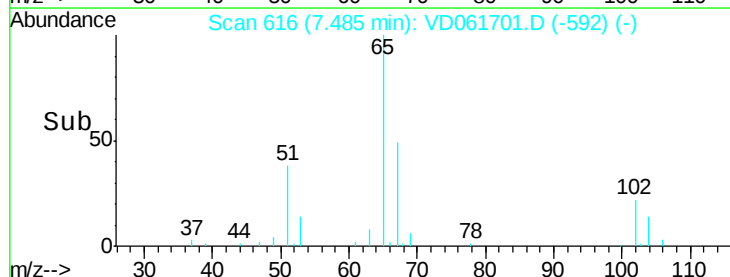
65 100

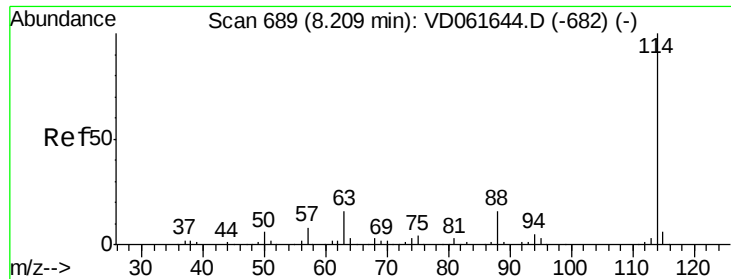
67 48.8 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

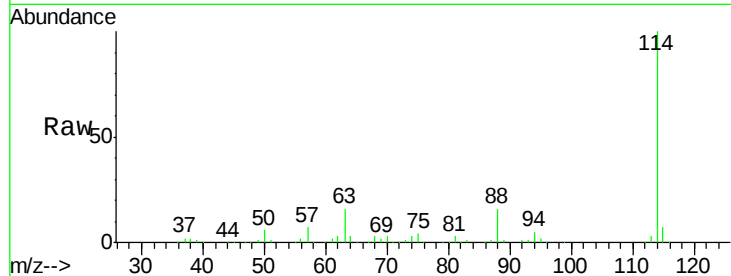




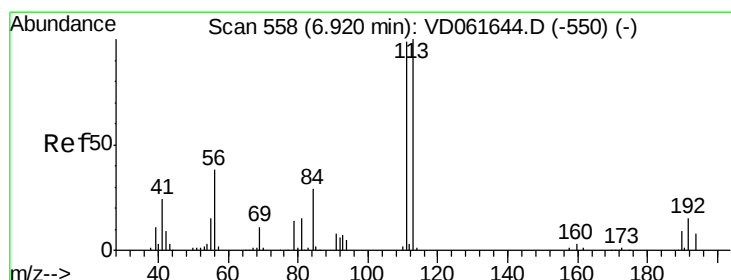
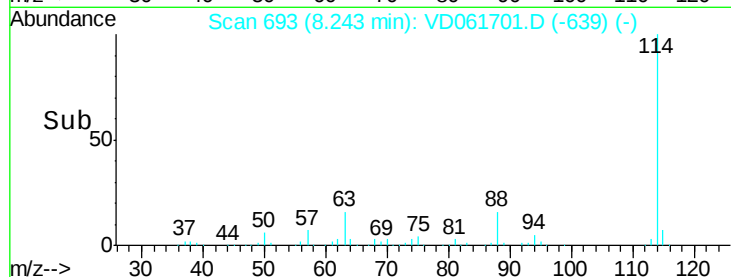
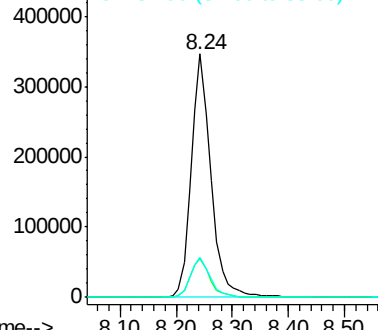
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061701.D
 Acq: 10 Apr 2019 5:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-SHALLOW

Tot Ion:114 Resp: 849235
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 16.3 0.0 31.8

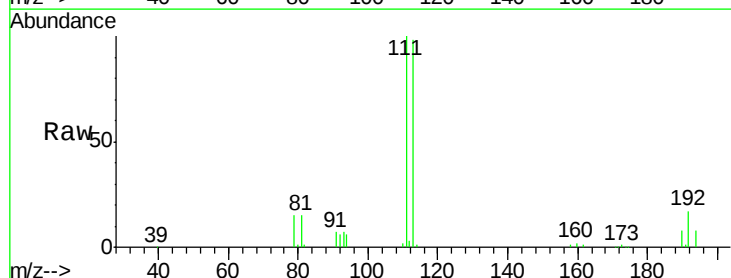


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

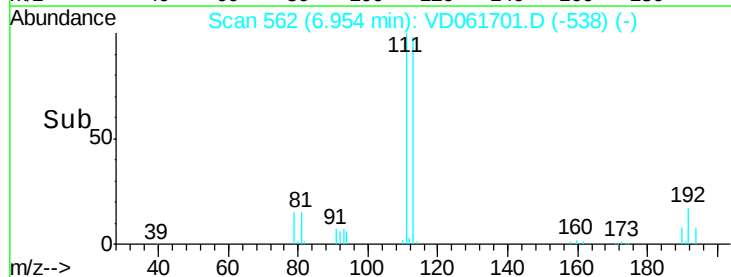
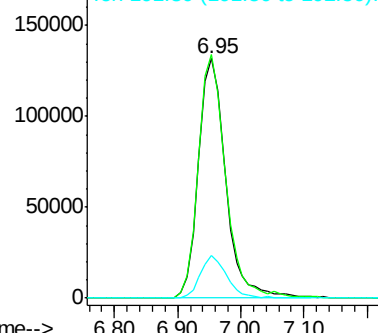


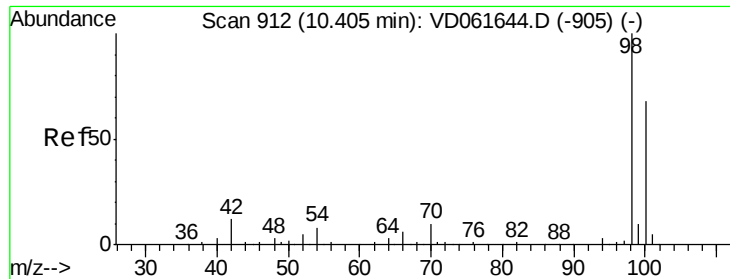
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061701.D
 Acq: 10 Apr 2019 5:45

Tgt Ion:113 Resp: 395292
 Ion Ratio Lower Upper
 113 100
 111 101.7 79.3 118.9
 192 17.7 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: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061701.D

Acq: 10 Apr 2019 5:45

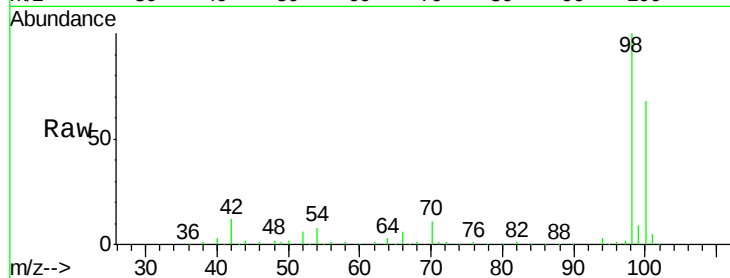
Instrument :
MSVOA_D
ClientSampleId :
TP-2-SHALLOW

Tot Ion: 98 Resp: 815340

Ion Ratio Lower Upper

98 100

100 67.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.43

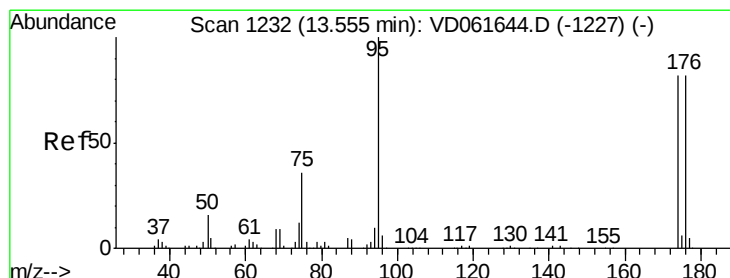
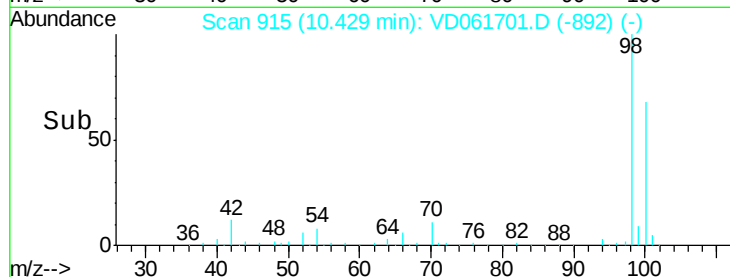
300000

200000

100000

0

Time--> 10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061701.D

Acq: 10 Apr 2019 5:45

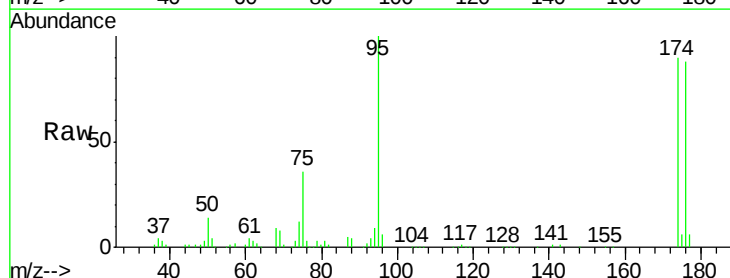
Tgt Ion: 95 Resp: 310233

Ion Ratio Lower Upper

95 100

174 90.3 0.0 164.6

176 87.6 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

13.57

300000

250000

200000

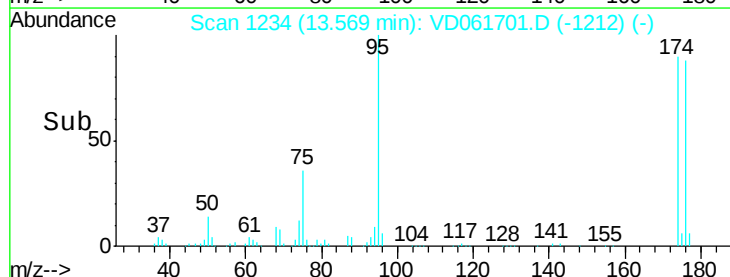
150000

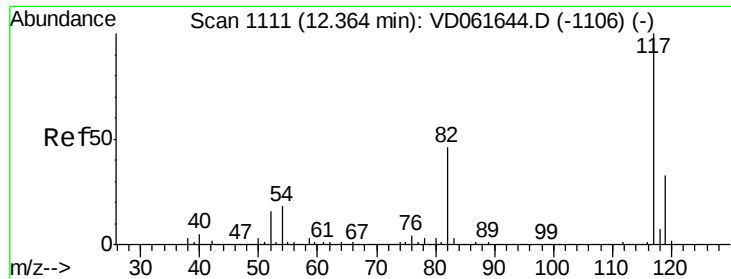
100000

50000

0

Time--> 13.50 13.60 13.70

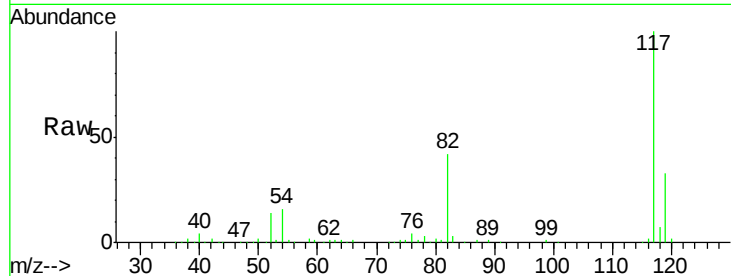




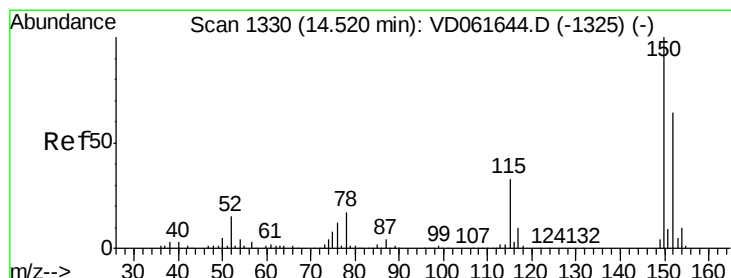
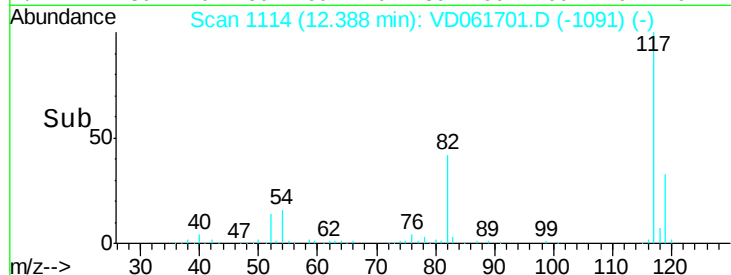
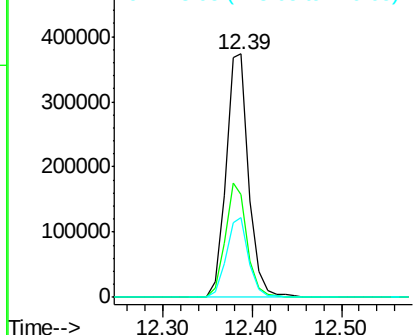
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD061701.D
Acq: 10 Apr 2019 5:45

Instrument :
MSVOA_D
ClientSampleId :
TP-2-SHALLOW

Tot Ion:117 Resp: 669141
Ion Ratio Lower Upper
117 100
82 42.0 36.8 55.2
119 32.9 26.1 39.1

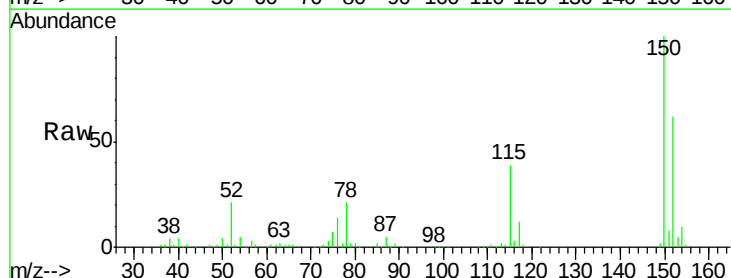


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061701.D
Acq: 10 Apr 2019 5:45

Tgt Ion:152 Resp: 296688
Ion Ratio Lower Upper
152 100
115 62.0 26.4 79.2
150 161.0 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

