

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061766.D
 Acq On : 12 Apr 2019 5:38
 Operator : VA/AP
 Sample : K2345-01
 Misc : 7.07g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Apr 12 06:43:50 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

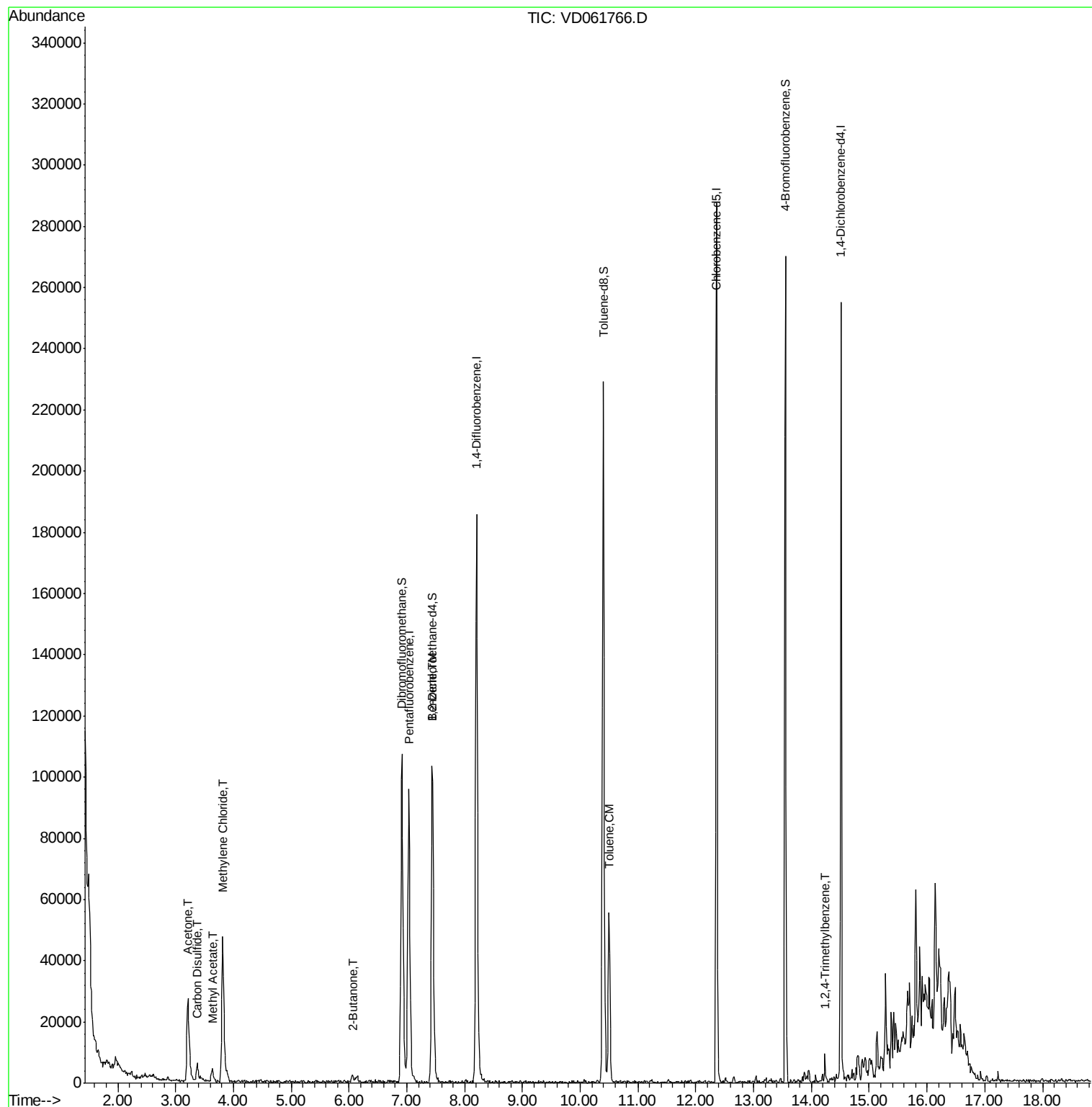
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	101467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	223168	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	178486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	63966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	101618	132.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	264.24%	
35) Dibromofluoromethane	6.92	113	102735	66.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.90%	
50) Toluene-d8	10.40	98	201193	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	13.55	95	87484	69.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.26%	
Target Compounds						
16) Acetone	3.22	43	57322	249.319	ug/l	99
17) Carbon Disulfide	3.37	76	10408	3.028	ug/l	98
18) Methyl Acetate	3.64	43	8582	19.840	ug/l	93
20) Methylene Chloride	3.82	84	36925	28.302	ug/l	95
25) 2-Butanone	6.06	43	4731	17.849	ug/l	95
40) Benzene	7.45	78	5268	1.118	ug/l #	90
52) Toluene	10.50	92	33386	11.347	ug/l	88
84) 1,2,4-Trimethylbenzene	14.23	105	4568	1.338	ug/l	93

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061766.D

Acq: 12 Apr 2019 5:38

Instrument :

MSVOA_D

ClientSampleId :

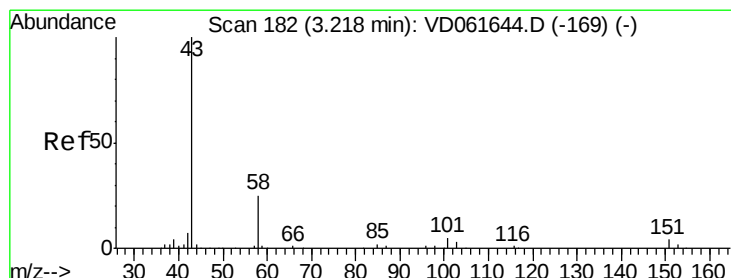
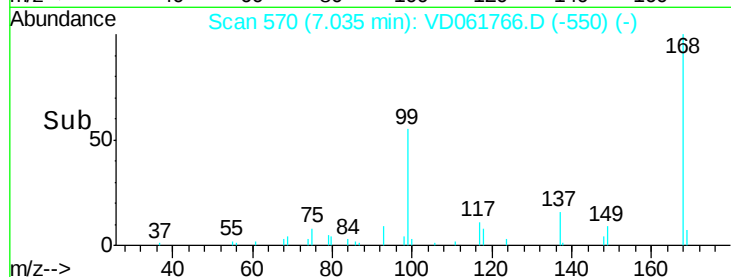
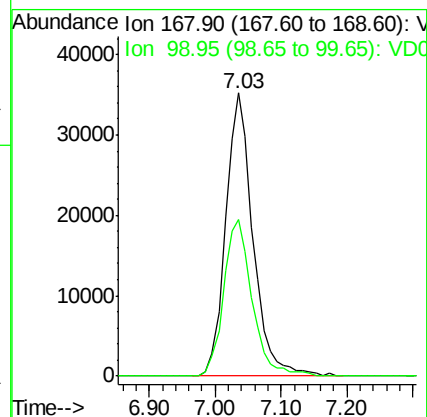
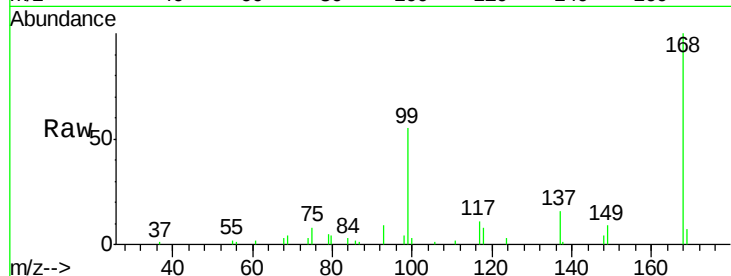
TP-1

Tot Ion:168 Resp: 101467

Ion Ratio Lower Upper

168 100

99 55.2 46.8 70.2



#16

Acetone

Concen: 249.319 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061766.D

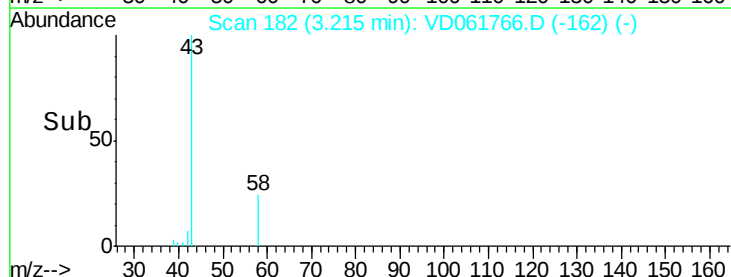
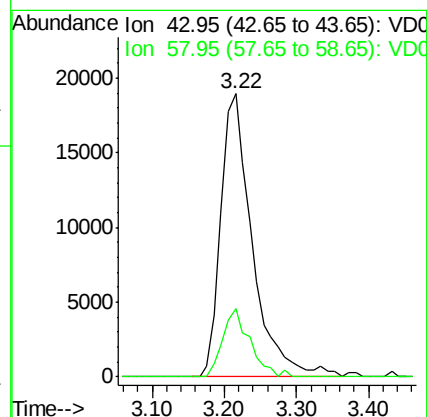
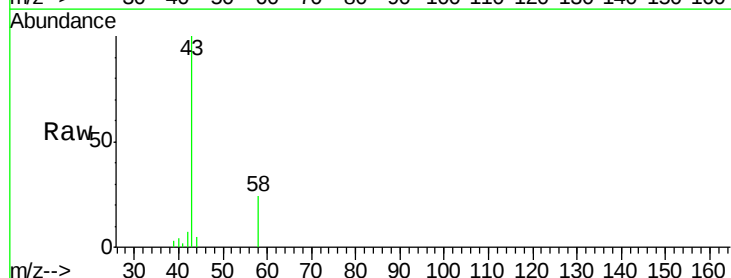
Acq: 12 Apr 2019 5:38

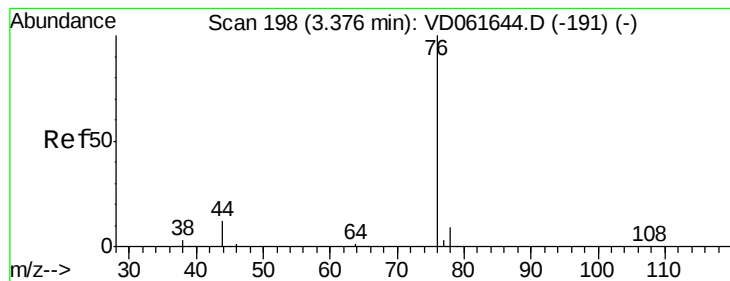
Tgt Ion: 43 Resp: 57322

Ion Ratio Lower Upper

43 100

58 24.2 19.7 29.5





#17

Carbon Disulfide

Concen: 3.028 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.00 min

Lab File: VD061766.D

Acq: 12 Apr 2019 5:38

Instrument :

MSVOA_D

ClientSampleId :

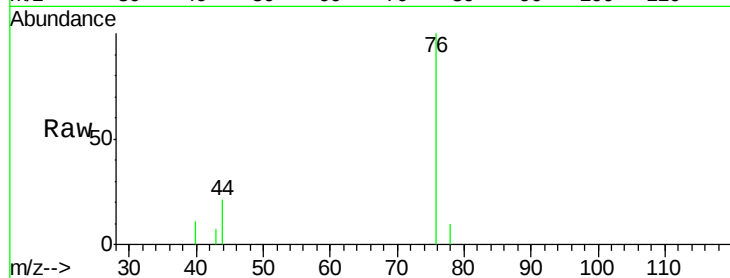
TP-1

Tot Ion: 76 Resp: 10408

Ion Ratio Lower Upper

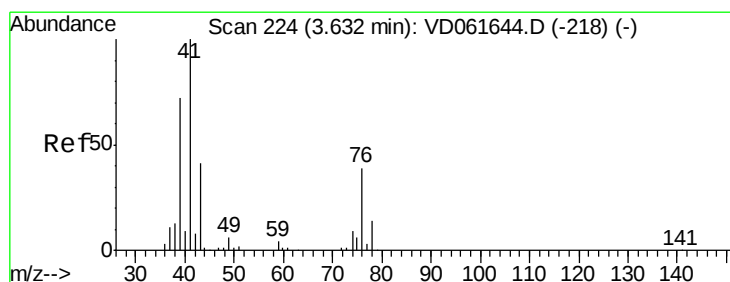
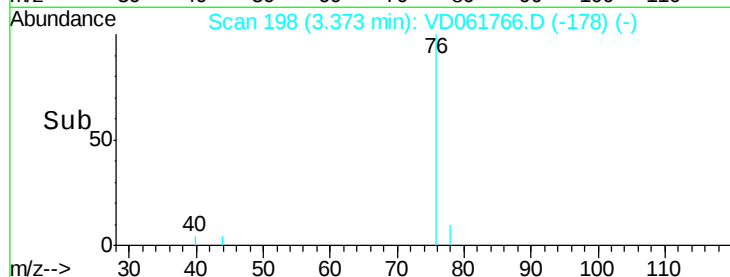
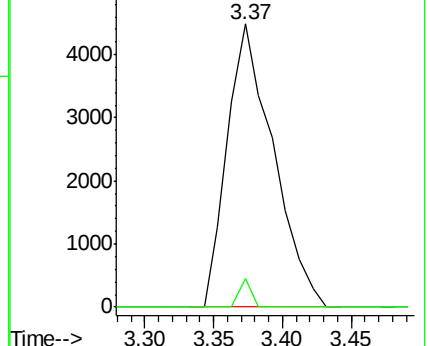
76 100

78 10.0 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 19.840 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061766.D

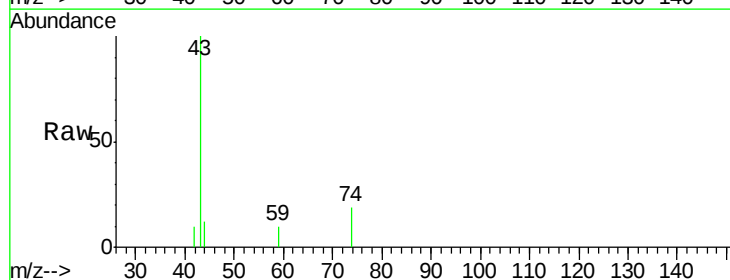
Acq: 12 Apr 2019 5:38

Tgt Ion: 43 Resp: 8582

Ion Ratio Lower Upper

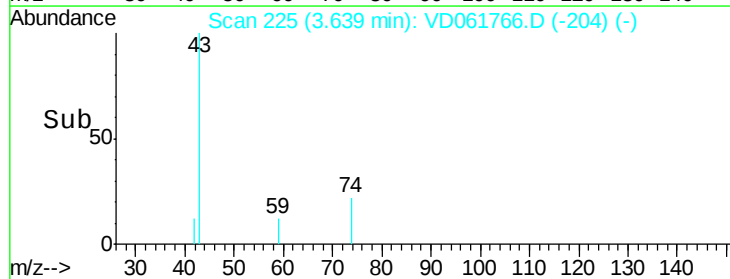
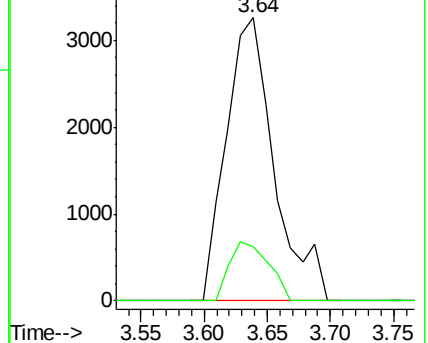
43 100

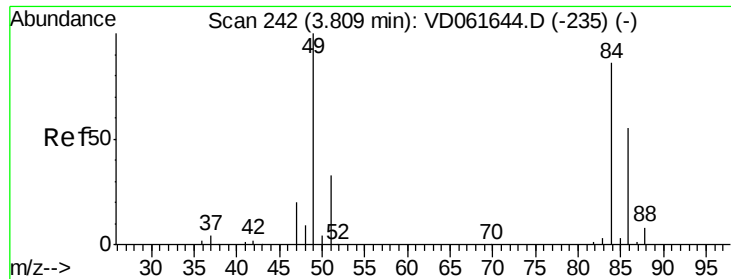
74 19.2 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

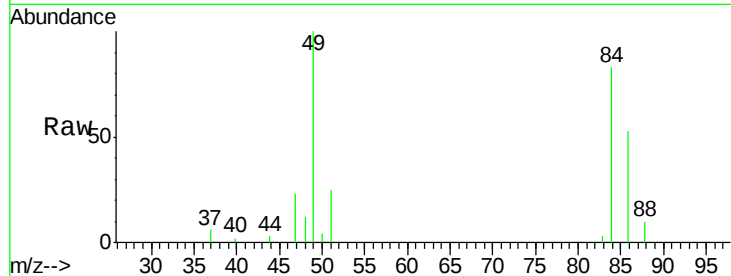




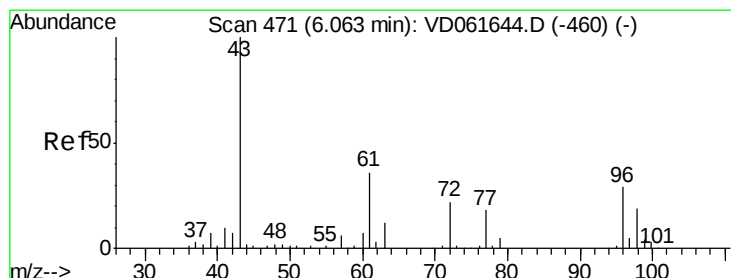
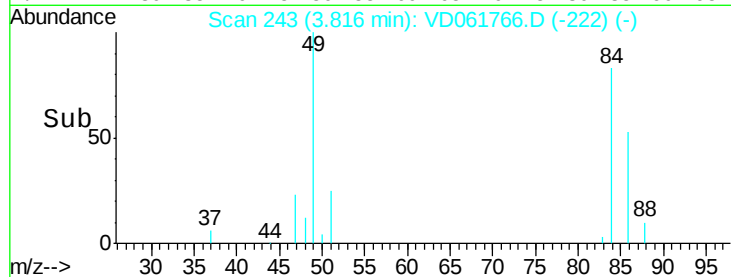
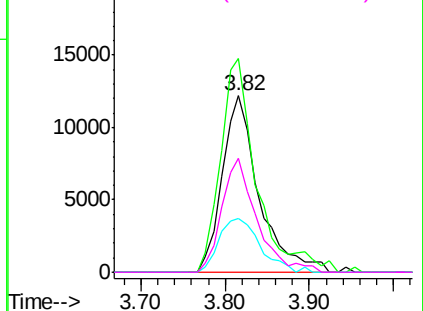
#20
Methvlene Chloride
Concen: 28.302 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061766.D
Acq: 12 Apr 2019 5:38

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 84 Resp: 36925
Ion Ratio Lower Upper
84 100
49 121.2 93.0 139.4
51 30.5 30.4 45.6
86 64.7 51.0 76.4

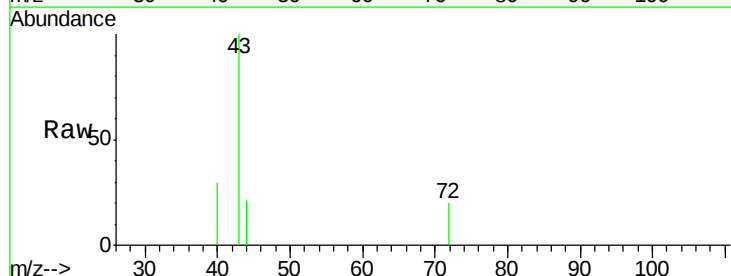


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

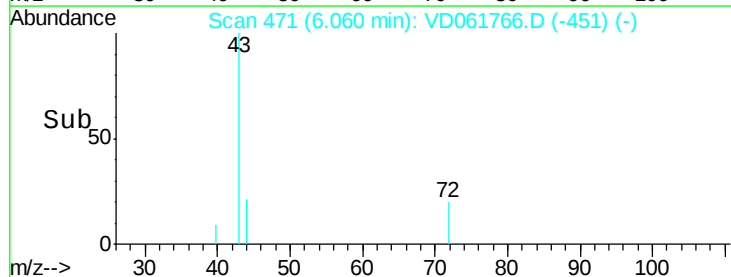
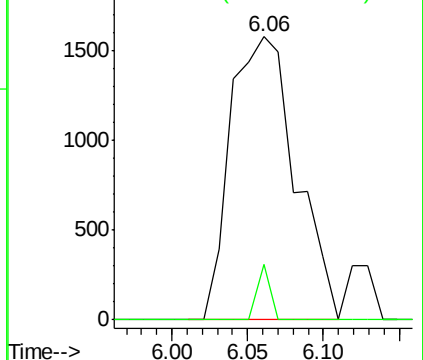


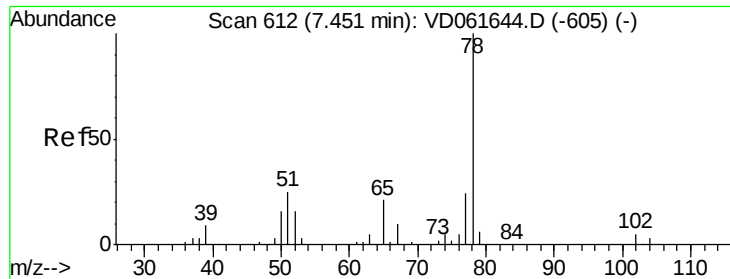
#25
2-Butanone
Concen: 17.849 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.00 min
Lab File: VD061766.D
Acq: 12 Apr 2019 5:38

Tgt Ion: 43 Resp: 4731
Ion Ratio Lower Upper
43 100
72 19.5 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061766.D

Acq: 12 Apr 2019 5:38

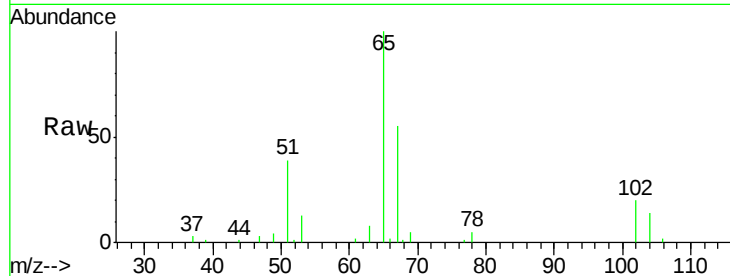
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 65 Resp: 101618

Ion Ratio Lower Upper

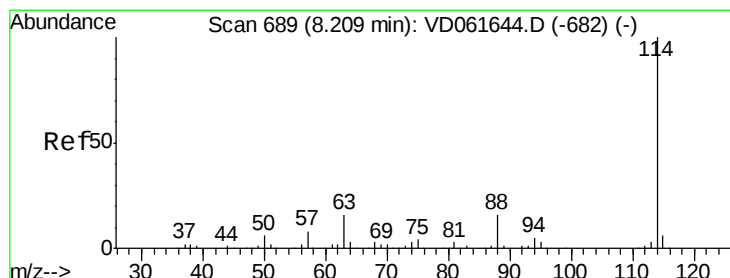
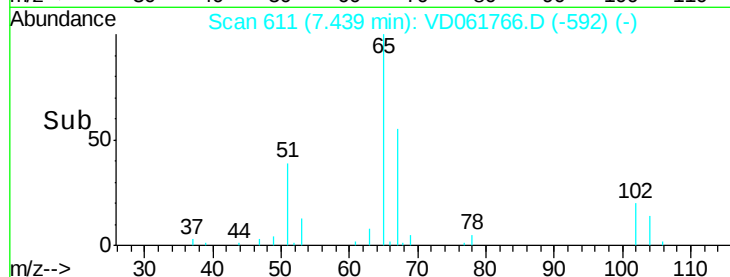
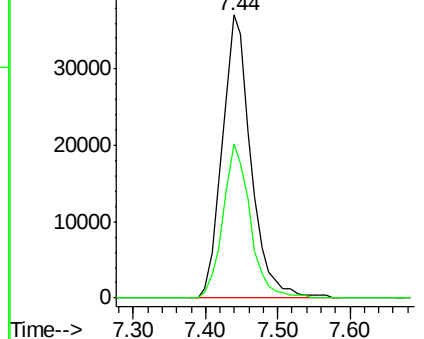
65 100

67 54.6 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: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD061766.D

Acq: 12 Apr 2019 5:38

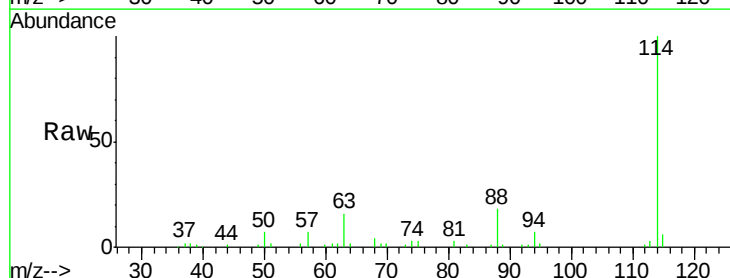
Tgt Ion: 114 Resp: 223168

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.2

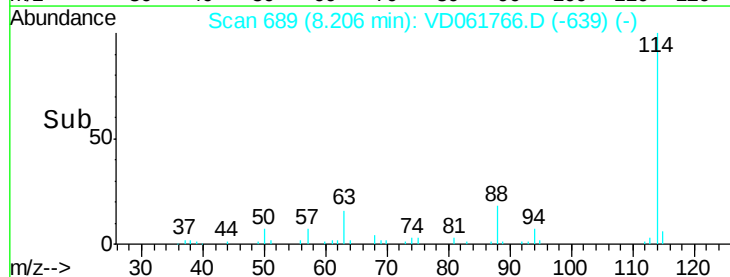
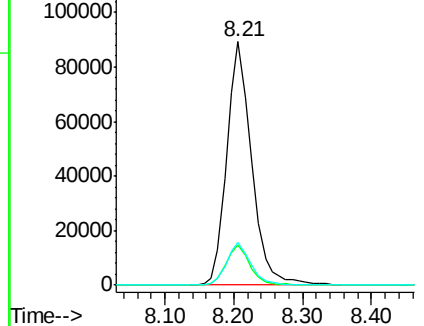
88 17.6 0.0 31.8

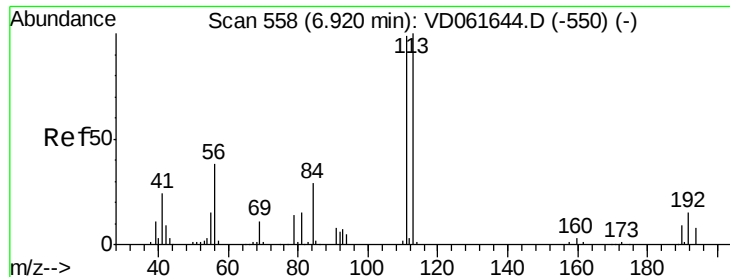


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

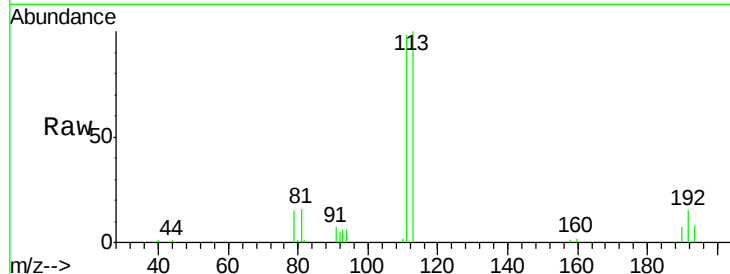




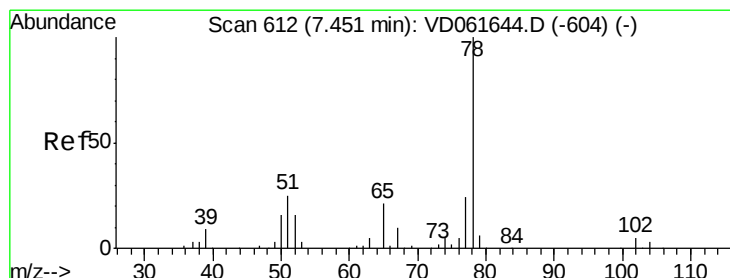
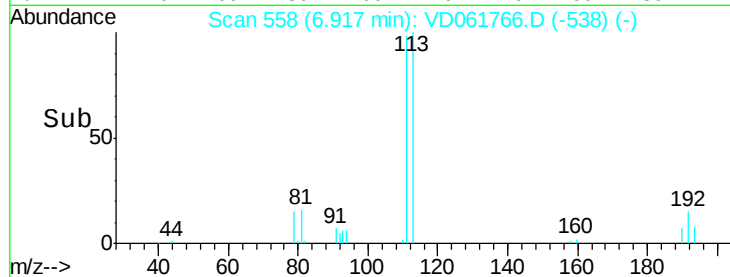
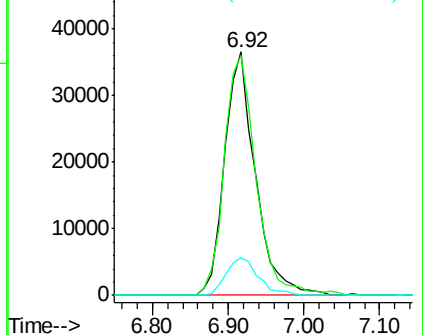
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061766.D
 Acq: 12 Apr 2019 5:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion:113 Resp: 102735
 Ion Ratio Lower Upper
 113 100
 111 98.4 79.3 118.9
 192 15.4 12.3 18.5

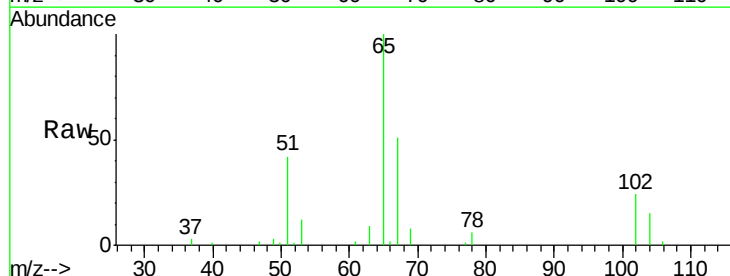


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

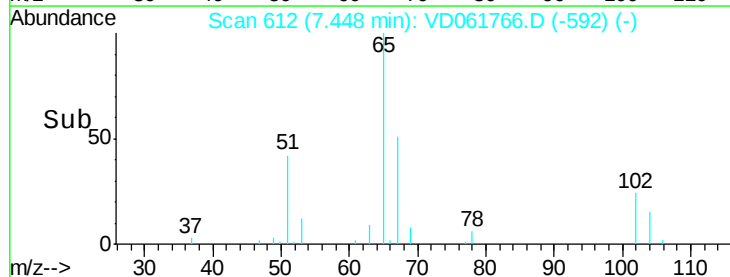
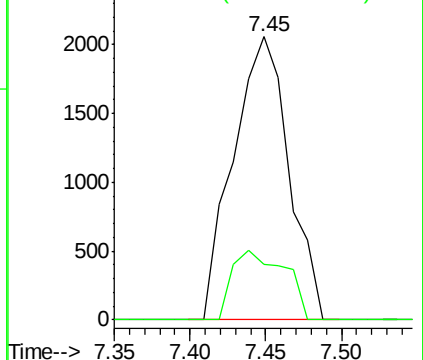


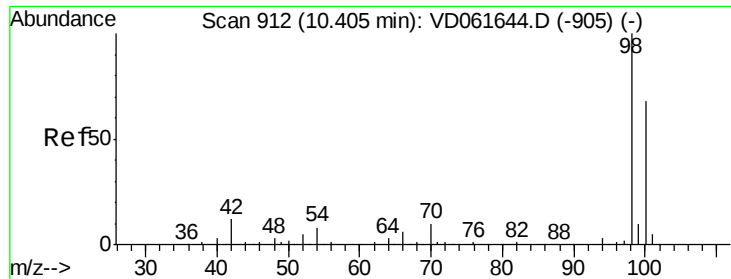
#40
 Benzene
 Concen: 1.118 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061766.D
 Acq: 12 Apr 2019 5:38

Tgt Ion: 78 Resp: 5268
 Ion Ratio Lower Upper
 78 100
 77 19.5 19.5 29.3#



Abundance Ion 77.95 (77.65 to 78.65): VDC
 Ion 76.95 (76.65 to 77.65): VDC

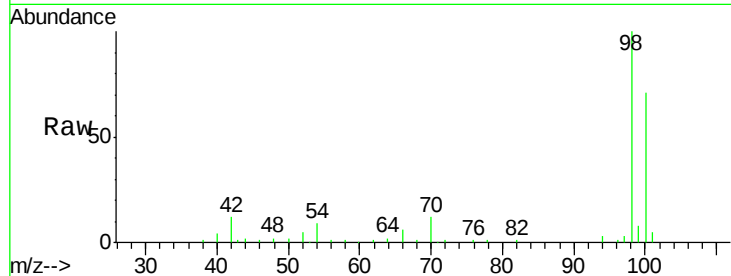




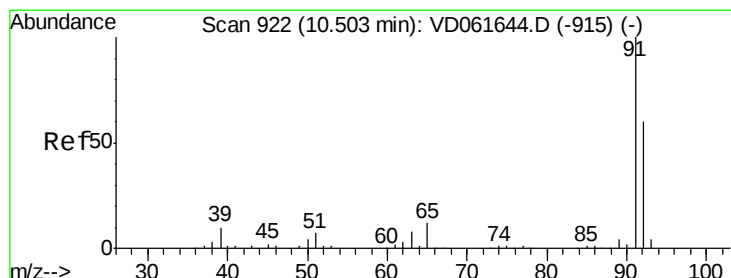
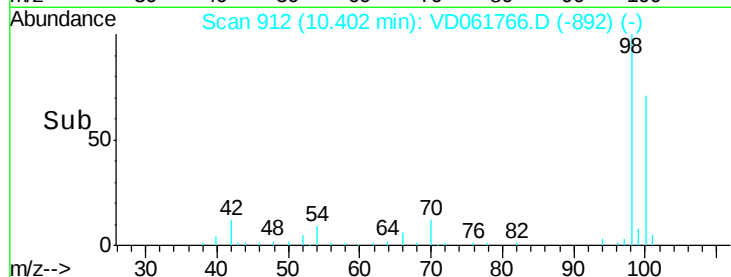
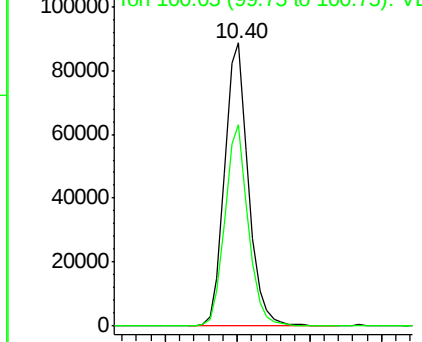
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061766.D
Acq: 12 Apr 2019 5:38

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 98 Resp: 201193
Ion Ratio Lower Upper
98 100
100 71.2 55.4 83.0

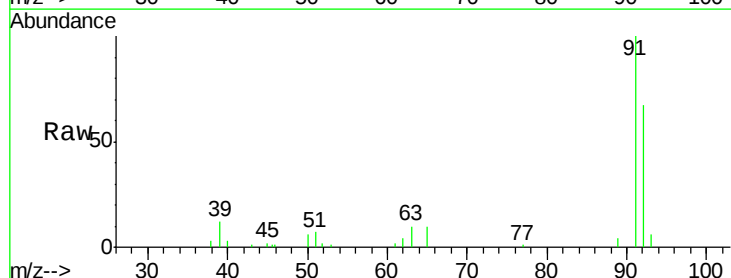


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

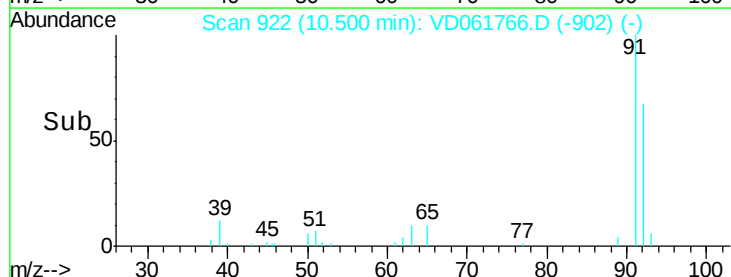
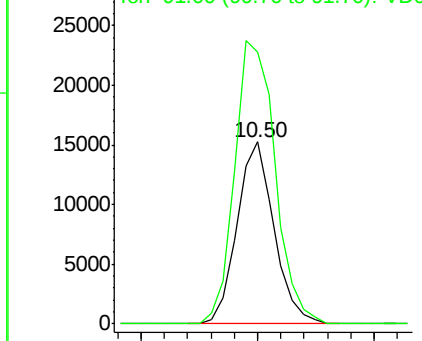


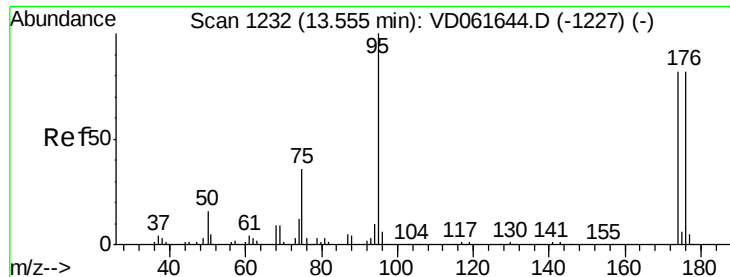
#52
Toluene
Concen: 11.347 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: VD061766.D
Acq: 12 Apr 2019 5:38

Tgt Ion: 92 Resp: 33386
Ion Ratio Lower Upper
92 100
91 149.8 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VD061644.D (-915) (-)
Ion 91.00 (90.70 to 91.70): VD061644.D (-915) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061766.D

Acq: 12 Apr 2019 5:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1

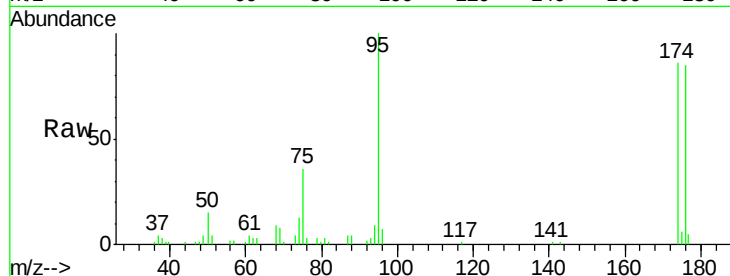
Tot Ion: 95 Resp: 87484

Ion Ratio Lower Upper

95 100

174 85.6 0.0 164.6

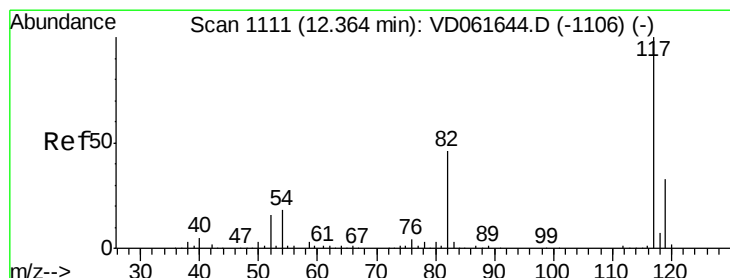
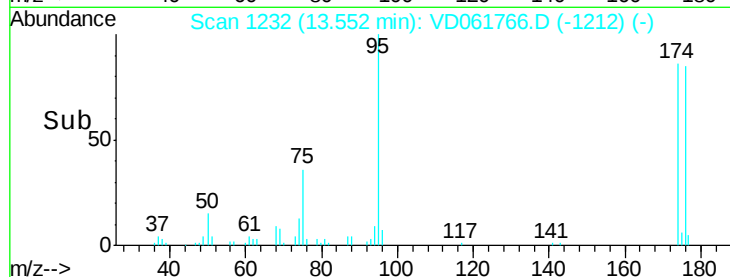
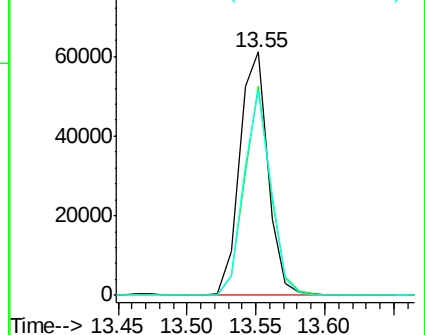
176 84.5 0.0 165.0



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: VD061766.D

Acq: 12 Apr 2019 5:38

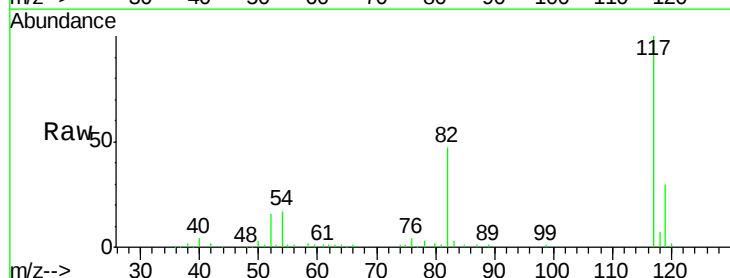
Tgt Ion: 117 Resp: 178486

Ion Ratio Lower Upper

117 100

82 46.6 36.8 55.2

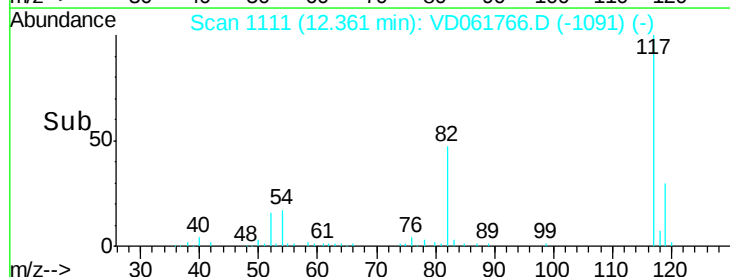
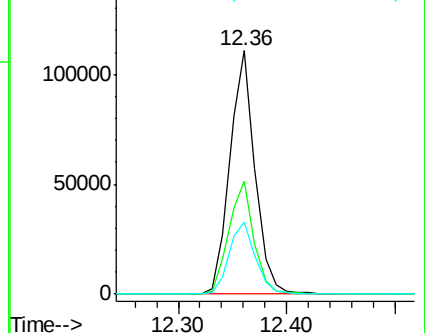
119 29.8 26.1 39.1

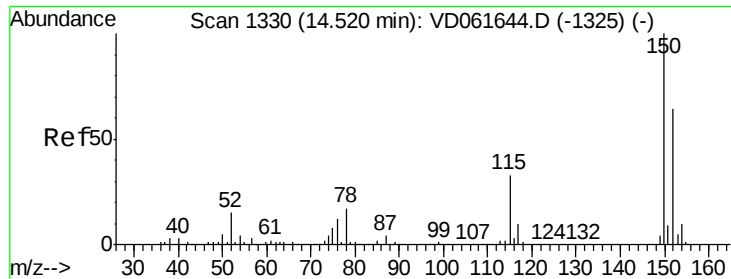


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061766.D

Acq: 12 Apr 2019 5:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1

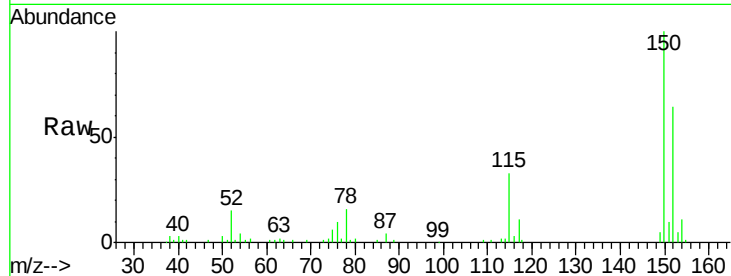
Tot Ion:152 Resp: 63966

Ion Ratio Lower Upper

152 100

115 51.7 26.4 79.2

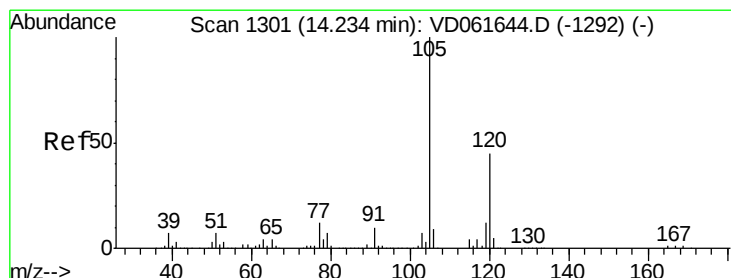
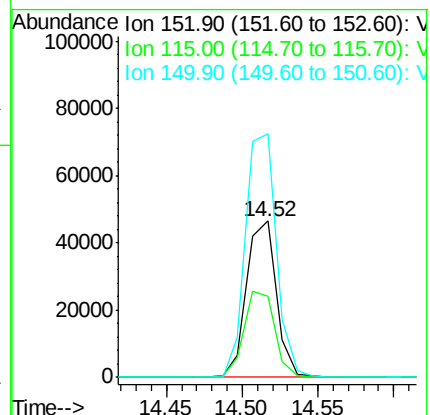
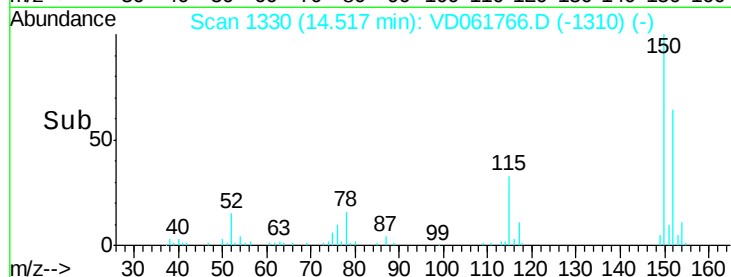
150 156.0 0.0 320.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.338 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061766.D

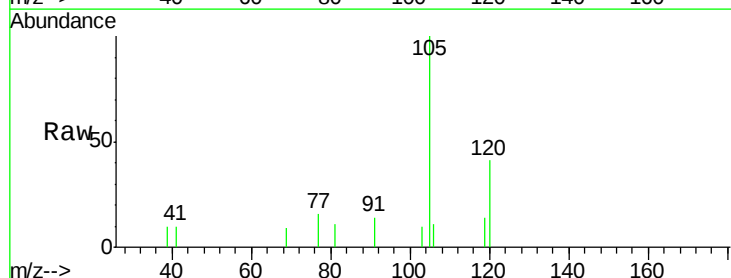
Acq: 12 Apr 2019 5:38

Tgt Ion:105 Resp: 4568

Ion Ratio Lower Upper

105 100

120 40.8 22.6 67.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

