

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061220.D
 Acq On : 20 Mar 2019 20:48
 Operator : VA/AP
 Sample : K2004-07
 Misc : 4.39g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)

Quant Time: Mar 22 03:29:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

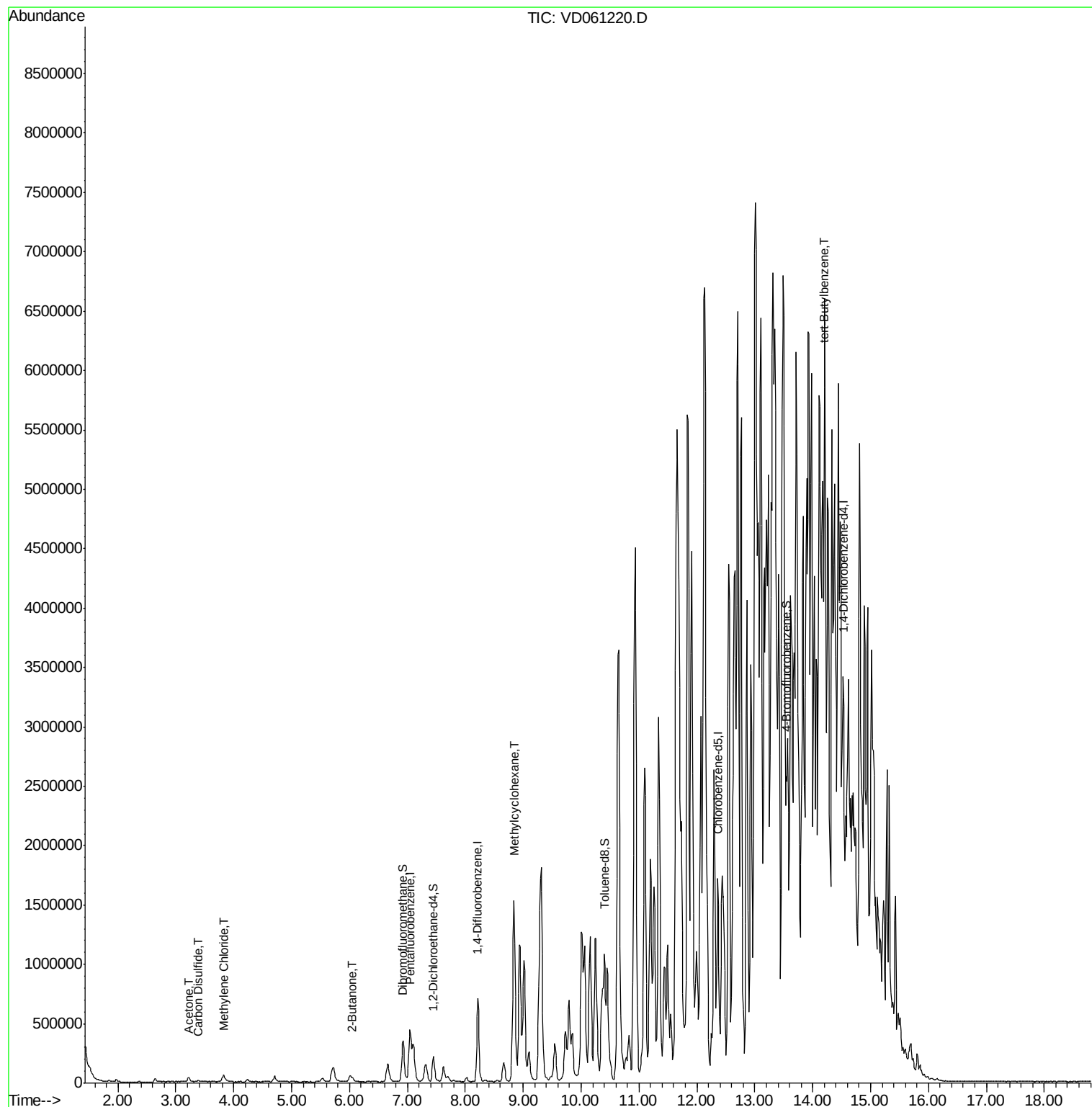
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	460637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	869036	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	373564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	52130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	213892	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
35) Dibromofluoromethane	6.92	113	335982	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.41	98	577266	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.28%	
62) 4-Bromofluorobenzene	13.54	95	455268	72.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	73217	66.777	ug/l	98
17) Carbon Disulfide	3.39	76	22266	1.428	ug/l #	94
20) Methylene Chloride	3.82	84	34764	2.526	ug/l	87
25) 2-Butanone	6.05	43	33928	27.270	ug/l #	85
39) Methylcyclohexane	8.84	83	514506	66.238	ug/l #	39
83) tert-Butylbenzene	14.19	119	47998	15.378	ug/l	74

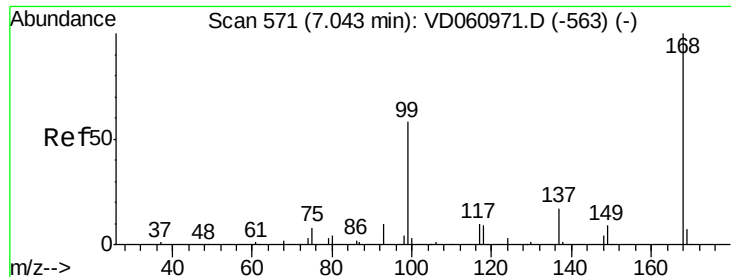
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
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SB-19B(7-8)

Quant Time: Mar 22 03:29:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061220.D

Acq: 20 Mar 2019 20:48

Instrument :

MSVOA_D

ClientSampleId :

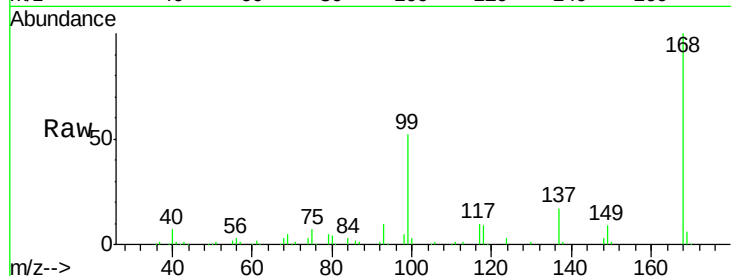
SB-19B(7-8)

Tot Ion:168 Resp: 460637

Ion Ratio Lower Upper

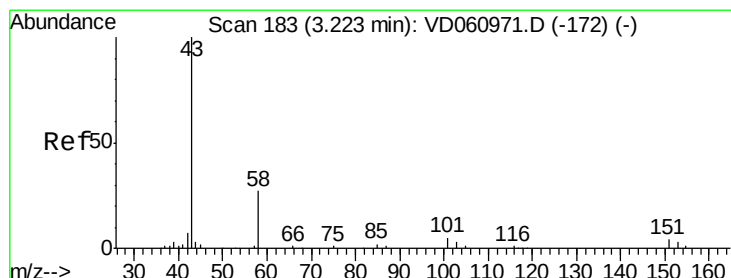
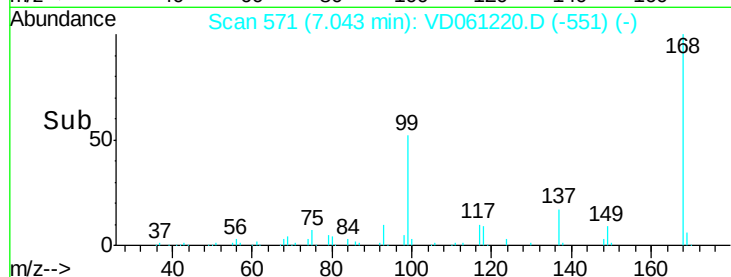
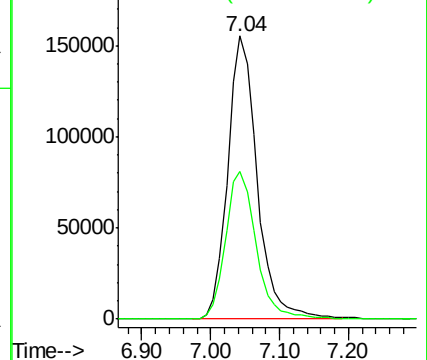
168 100

99 52.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 66.777 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061220.D

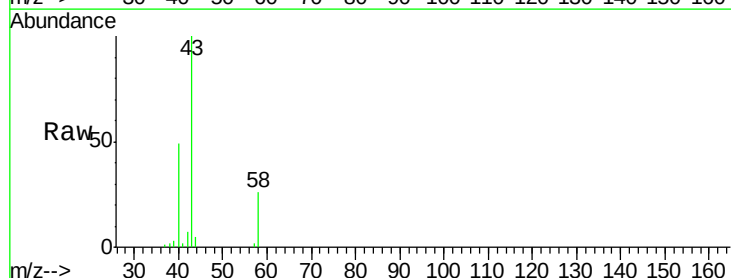
Acq: 20 Mar 2019 20:48

Tgt Ion: 43 Resp: 73217

Ion Ratio Lower Upper

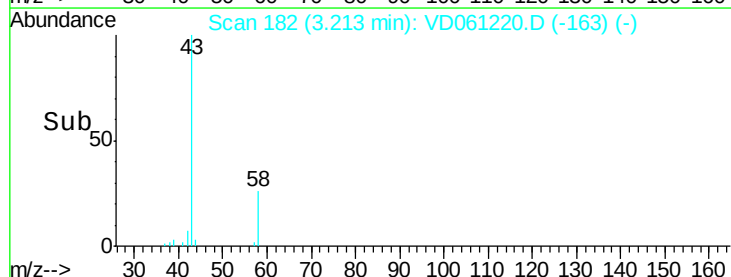
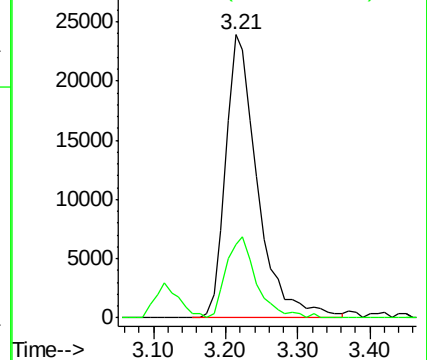
43 100

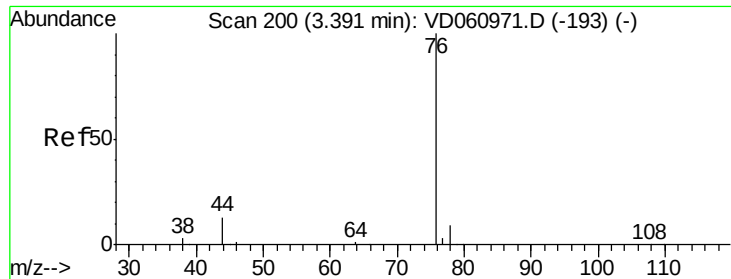
58 25.8 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.428 ug/l

RT: 3.39 min Scan# 200

Delta R.T. 0.00 min

Lab File: VD061220.D

Acq: 20 Mar 2019 20:48

Instrument :

MSVOA_D

ClientSampleId :

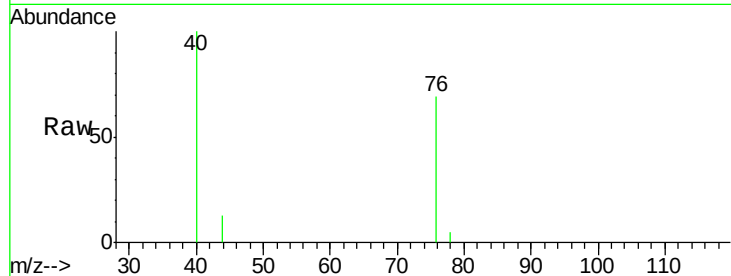
SB-19B(7-8)

Tot Ion: 76 Resp: 22266

Ion Ratio Lower Upper

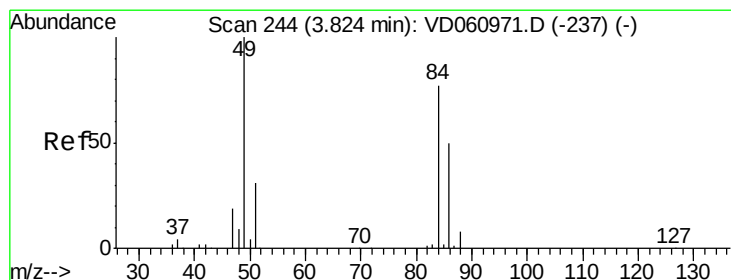
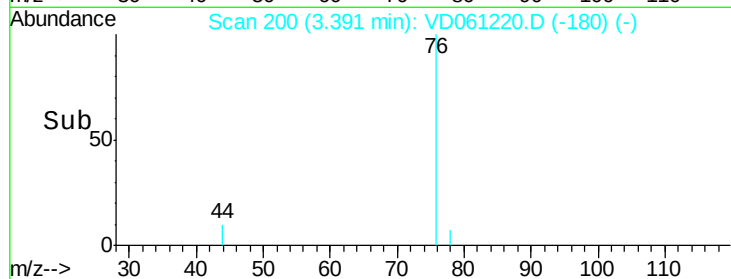
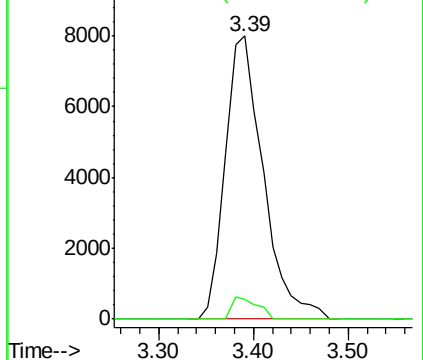
76 100

78 7.1 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: 2.526 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061220.D

Acq: 20 Mar 2019 20:48

Tgt Ion: 84 Resp: 34764

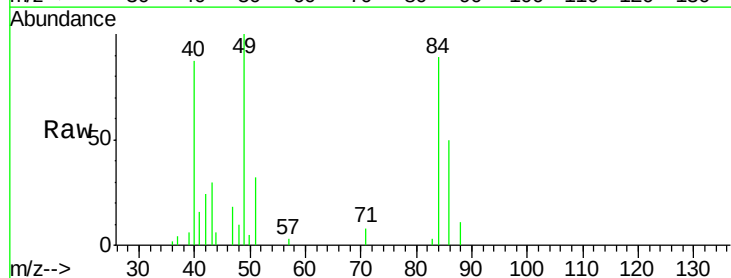
Ion Ratio Lower Upper

84 100

49 112.1 104.2 156.2

51 36.3 32.3 48.5

86 56.5 52.3 78.5

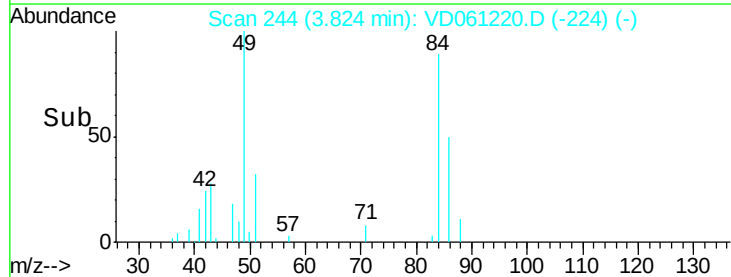
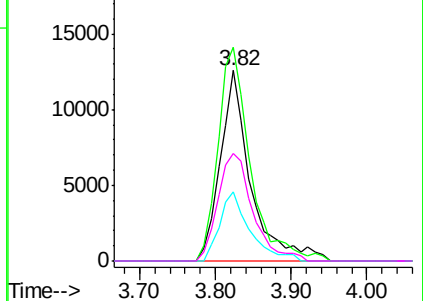


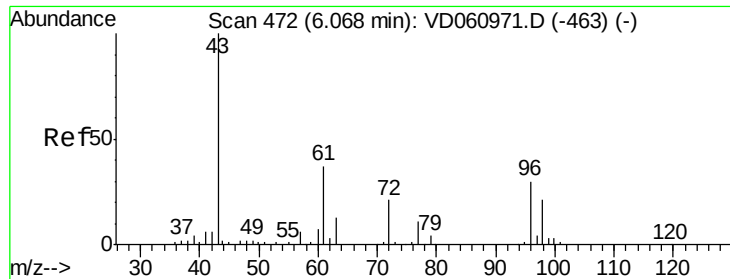
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 27.270 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD061220.D

Acq: 20 Mar 2019 20:48

Instrument :

MSVOA_D

ClientSampled :

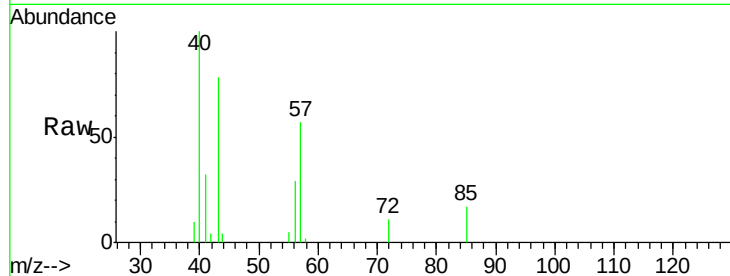
SB-19B(7-8)

Tot Ion: 43 Resp: 33928

Ion Ratio Lower Upper

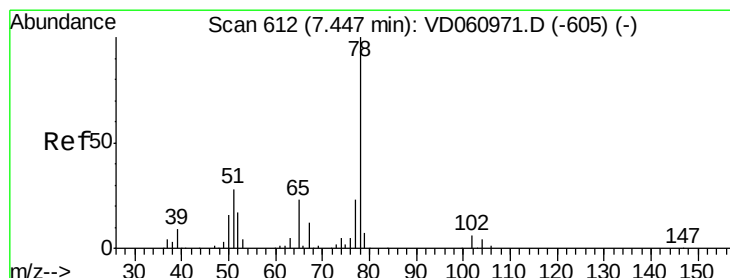
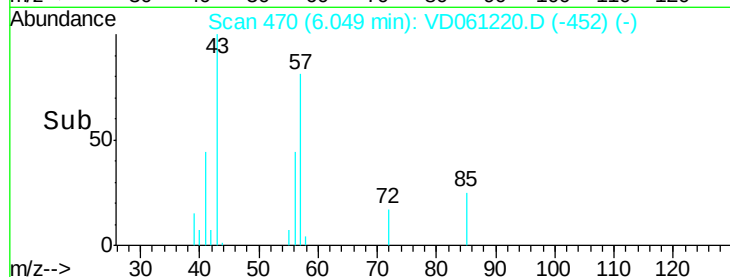
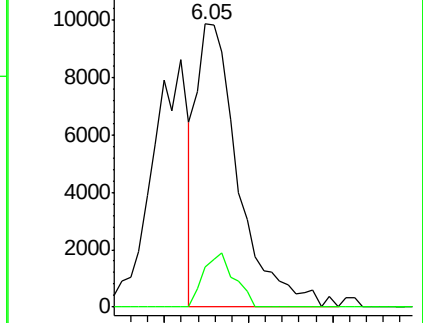
43 100

72 14.1 16.7 25.1#



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: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061220.D

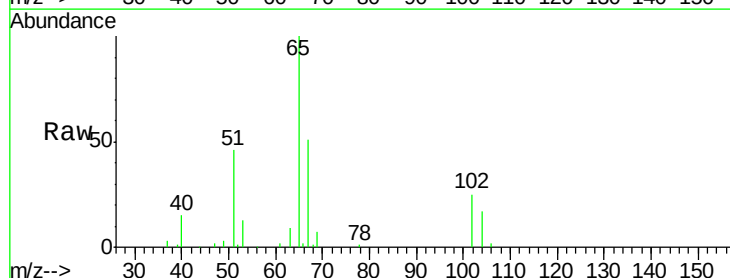
Acq: 20 Mar 2019 20:48

Tgt Ion: 65 Resp: 213892

Ion Ratio Lower Upper

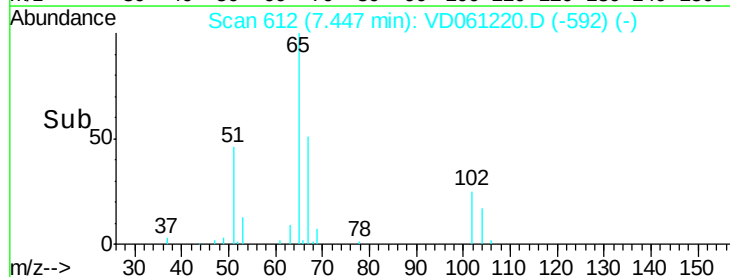
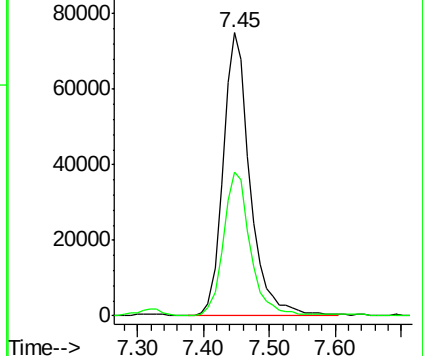
65 100

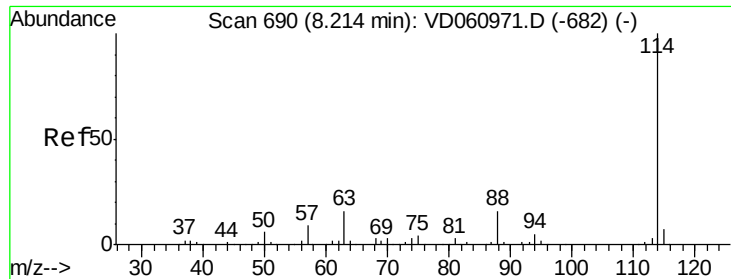
67 51.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

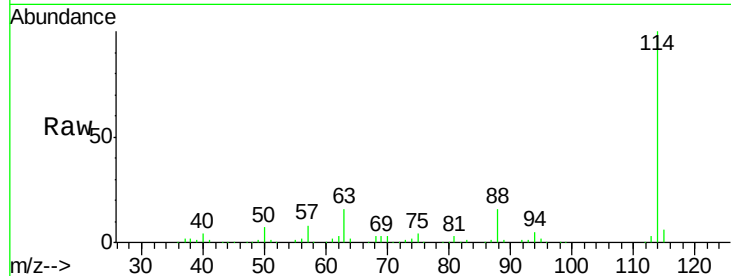




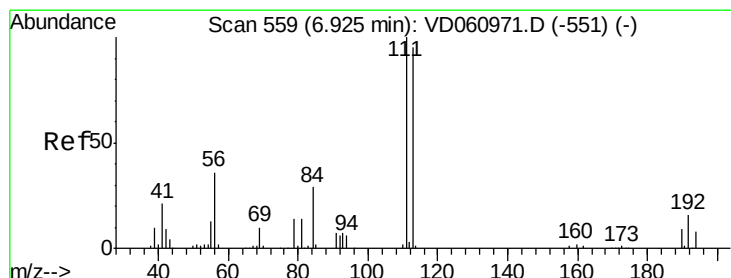
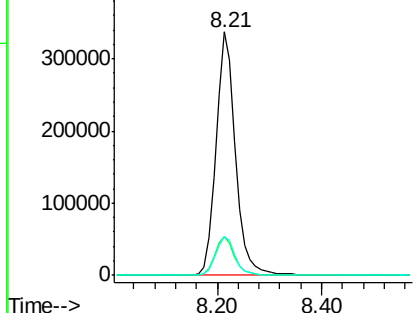
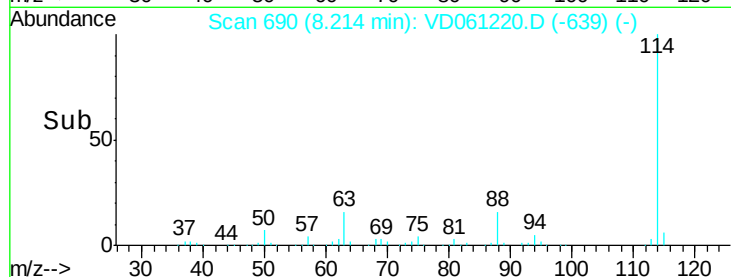
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061220.D
 Acq: 20 Mar 2019 20:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)

Tot Ion:114 Resp: 869036
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.4
 88 16.1 0.0 33.0

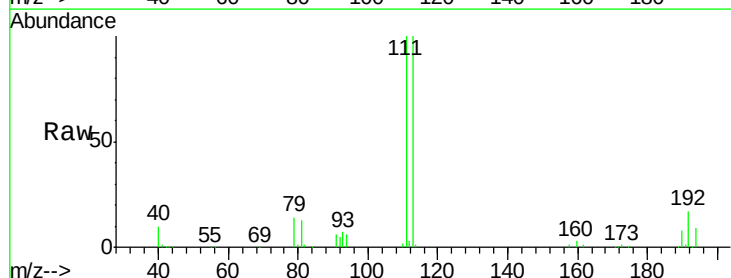


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

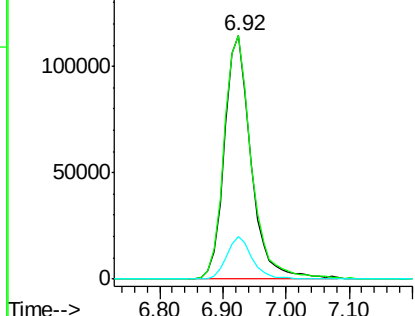
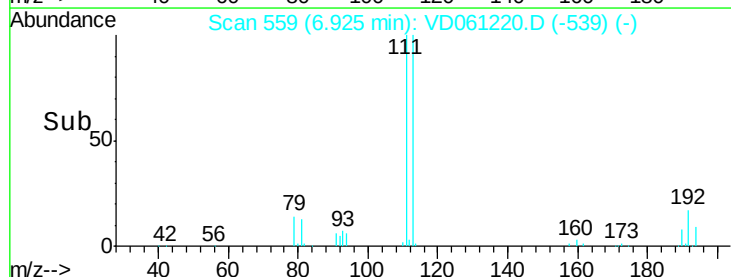


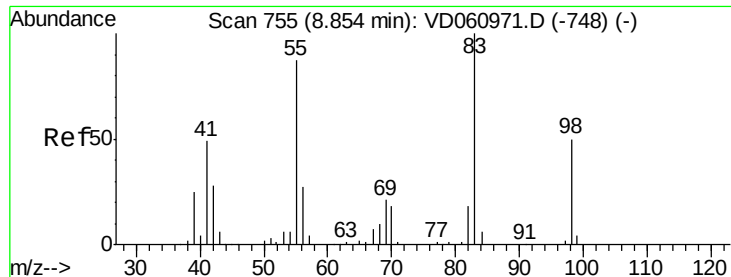
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061220.D
 Acq: 20 Mar 2019 20:48

Tgt Ion:113 Resp: 335982
 Ion Ratio Lower Upper
 113 100
 111 100.1 84.2 126.4
 192 17.3 13.1 19.7



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

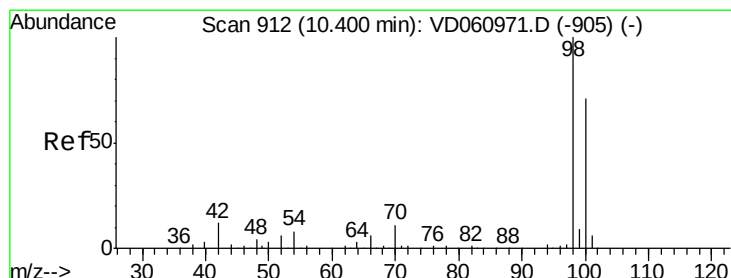
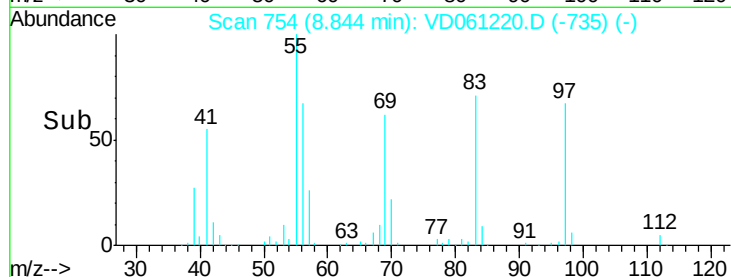
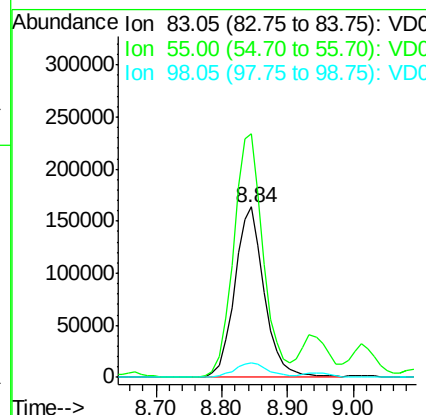
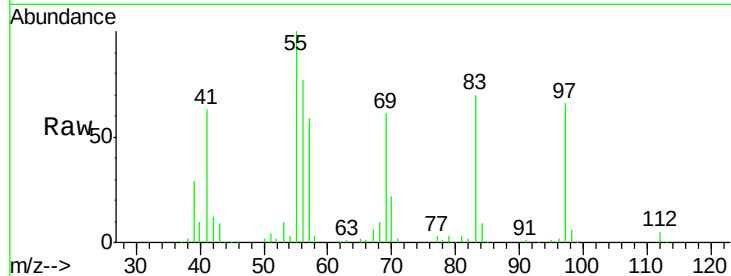




#39
Methylcyclohexane
Concen: 66.238 ug/l
RT: 8.84 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD061220.D
Acq: 20 Mar 2019 20:48

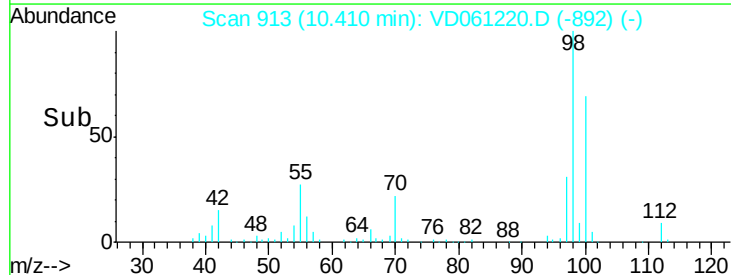
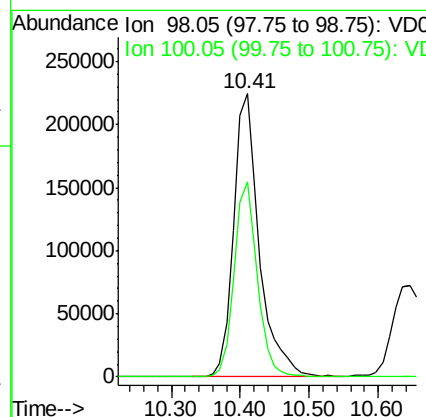
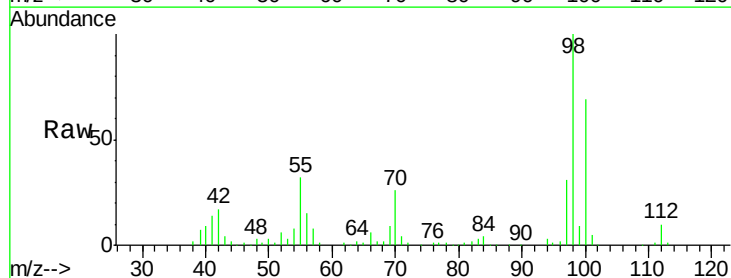
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)

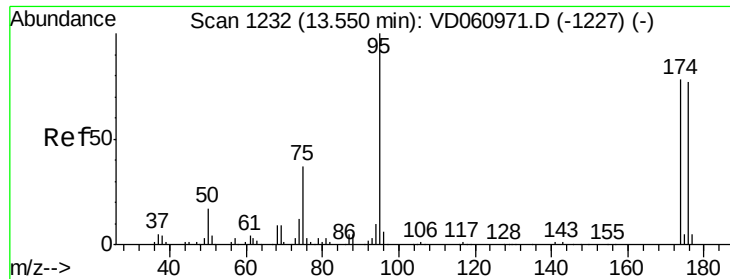
Tot Ion: 83 Resp: 514506
Ion Ratio Lower Upper
83 100
55 143.2 69.6 104.4#
98 8.2 40.0 60.0#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061220.D
Acq: 20 Mar 2019 20:48

Tgt Ion: 98 Resp: 577266
Ion Ratio Lower Upper
98 100
100 68.9 57.4 86.2

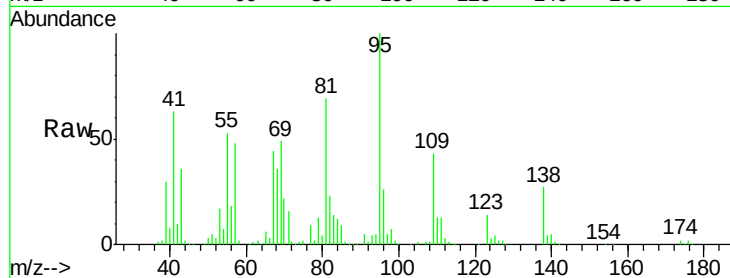




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061220.D
Acq: 20 Mar 2019 20:48

Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)

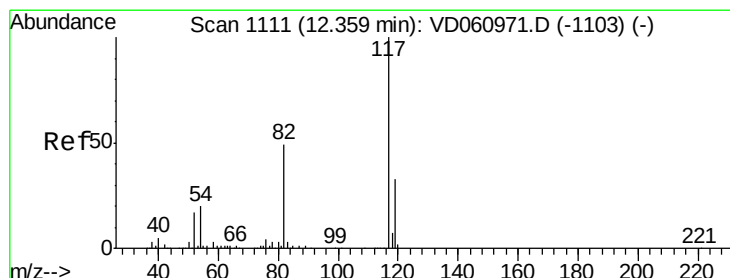
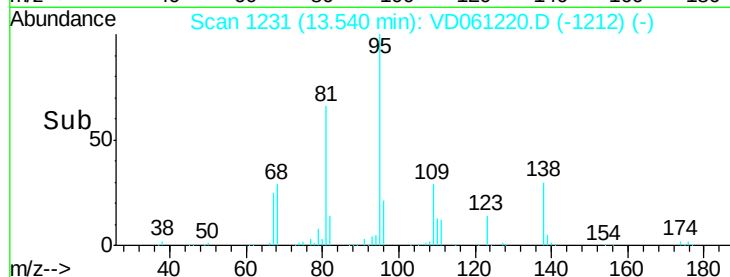
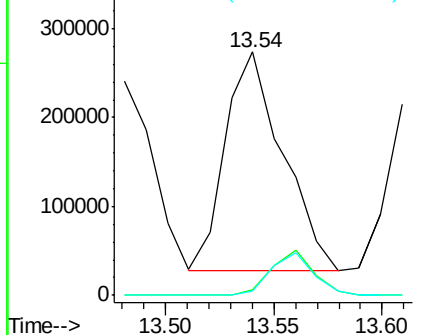
Tot Ion	95	Resp	455268
Ion Ratio	100		
Lower			
Upper			
174	2.2	0.0	155.6
176	1.9	0.0	153.8



Abundance Ion 95.00 (94.70 to 95.70): V

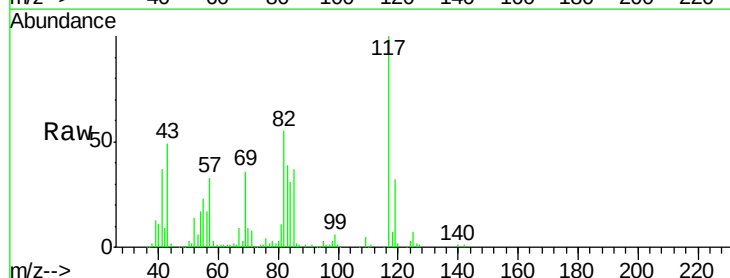
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061220.D
Acq: 20 Mar 2019 20:48

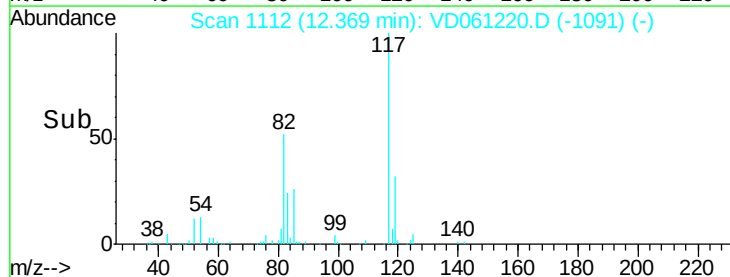
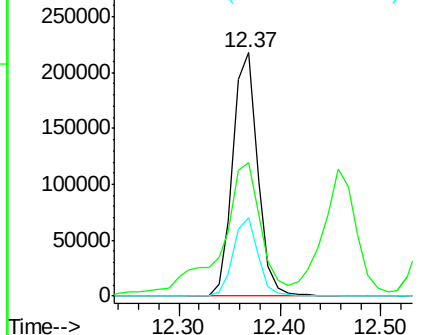
Tgt Ion	117	Resp	373564
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	54.9	38.9	58.3
119	32.1	26.6	39.8

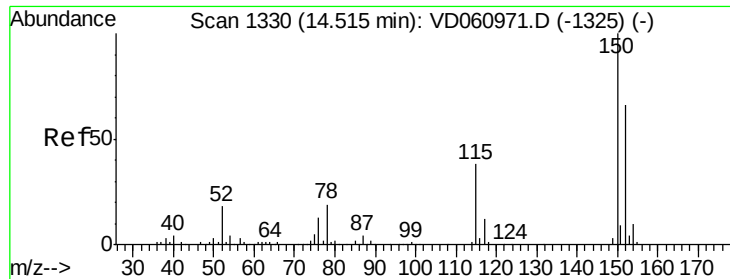


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061220.D

Acq: 20 Mar 2019 20:48

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(7-8)

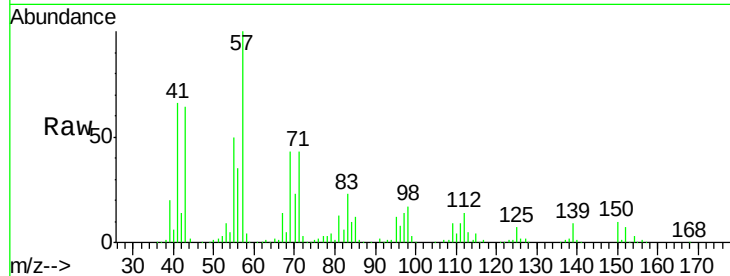
Tot Ion:152 Resp: 52130

Ion Ratio Lower Upper

152 100

115 57.6 28.6 85.9

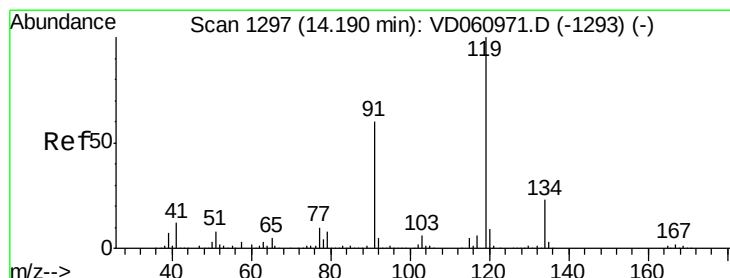
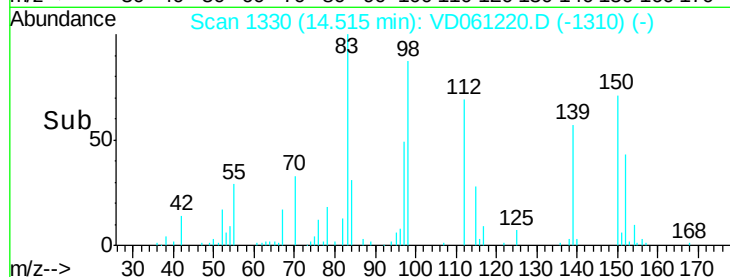
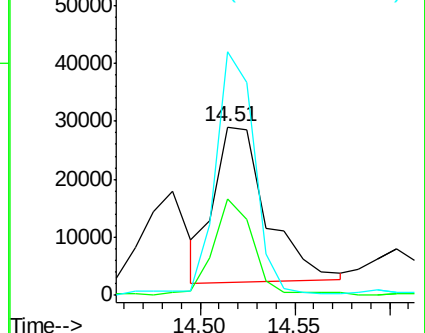
150 144.7 0.0 310.6



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



#83

tert-Butylbenzene

Concen: 15.378 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VD061220.D

Acq: 20 Mar 2019 20:48

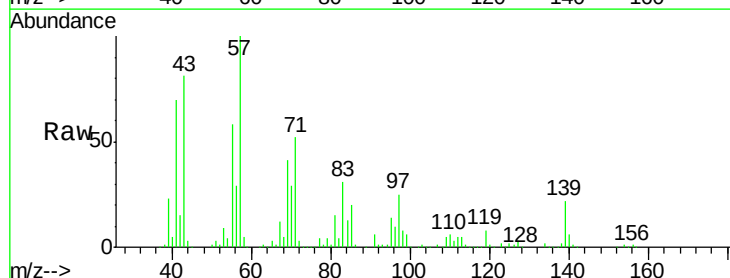
Tgt Ion:119 Resp: 47998

Ion Ratio Lower Upper

119 100

91 85.6 30.1 90.3

134 25.7 11.6 34.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

