

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061217.D
 Acq On : 20 Mar 2019 19:26
 Operator : VA/AP
 Sample : K2004-03
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(7.5-8.5)

Manual Integrations
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 3/27/2019 8:56:44 AM

Quant Time: Mar 22 05:08:44 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	100808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	194096	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	98750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	24819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	70149	83.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	167.20%	
35) Dibromofluoromethane	6.92	113	85194	59.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.28%	
50) Toluene-d8	10.40	98	171041	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	13.54	95	301746	214.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	429.98%	
Target Compounds						
16) Acetone	3.22	43	50072	208.676	ug/l	98
20) Methylene Chloride	3.82	84	14265	9.236	ug/l	88
25) 2-Butanone	6.02	43	53095	195.003	ug/l #	55
31) Cyclohexane	6.96	56	14588m	9.825	ug/l	
39) Methylcyclohexane	8.83	83	786384	453.286	ug/l #	38
83) tert-Butylbenzene	14.19	119	43394	29.201	ug/l #	69

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

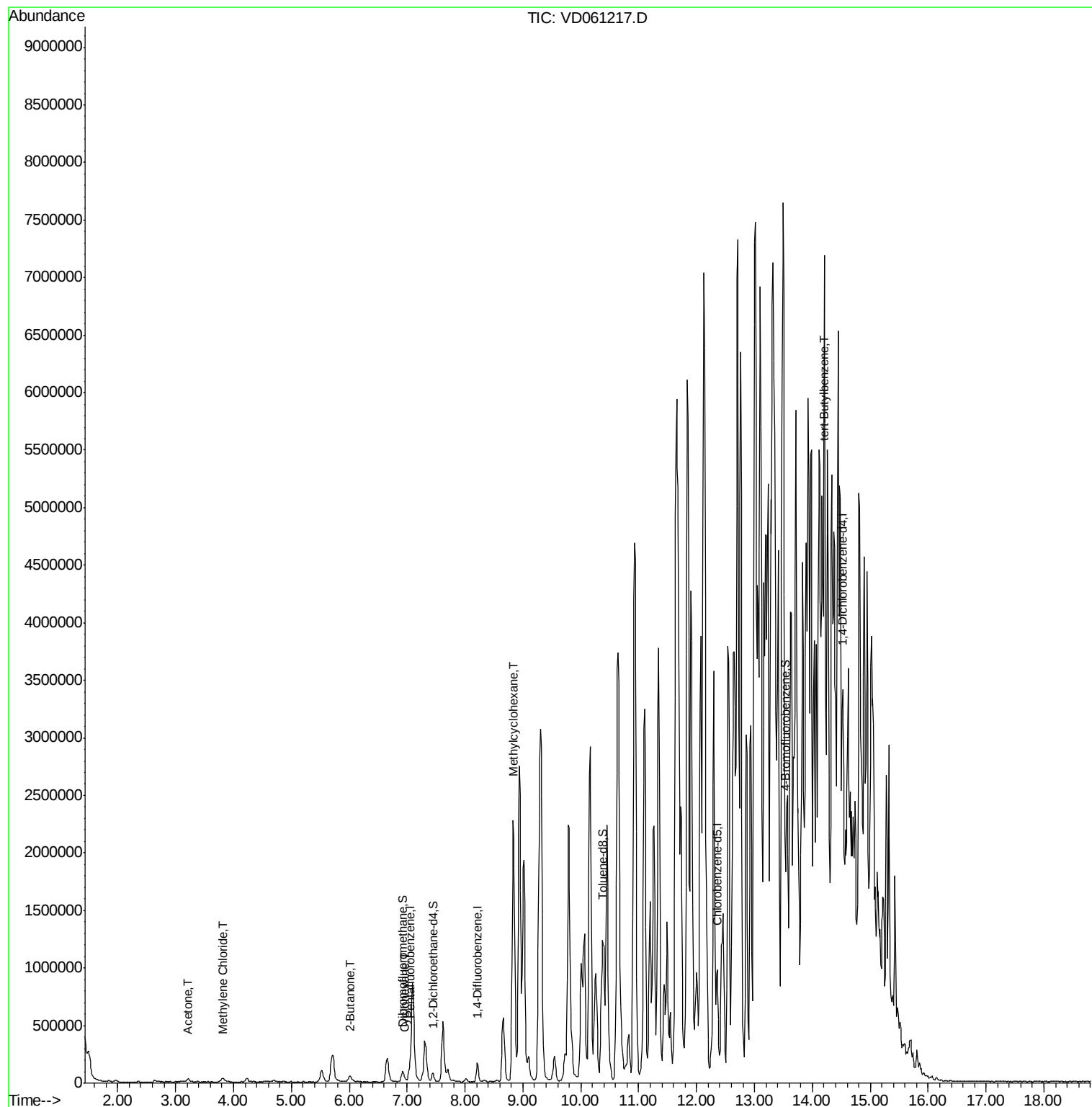
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061217.D
Acq On : 20 Mar 2019 19:26
Operator : VA/AP
Sample : K2004-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

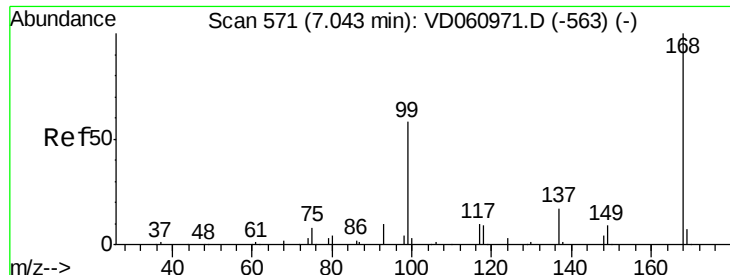
Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)

Manual Integrations
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3/27/2019 8:56:44 AM

Quant Time: Mar 22 05:08:44 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# 570

Delta R.T. -0.00 min

Lab File: VD061217.D

Acq: 20 Mar 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

SB-19(7.5-8.5)

Tot Ion:168 Resp: 100808

Ion Ratio Lower Upper

168 100

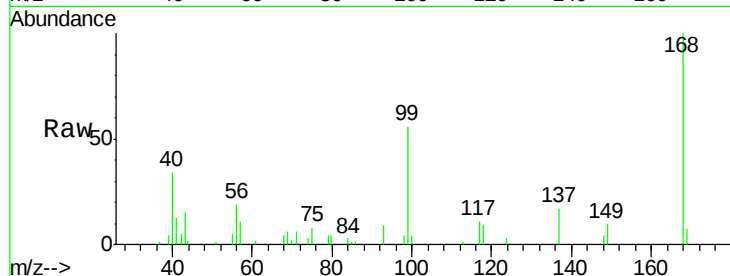
99 56.5 47.3 70.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

40000

30000

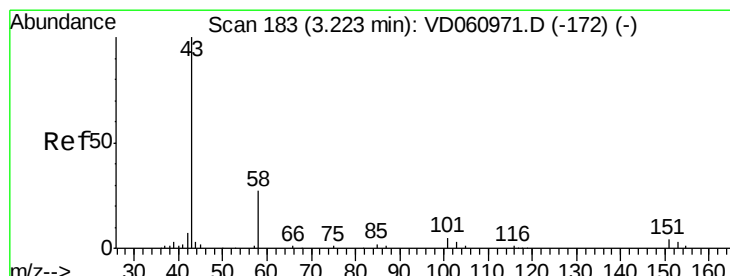
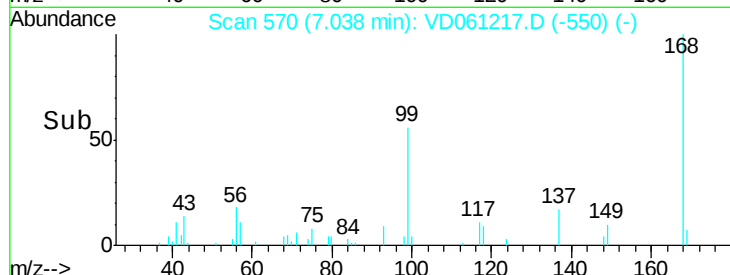
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 208.676 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061217.D

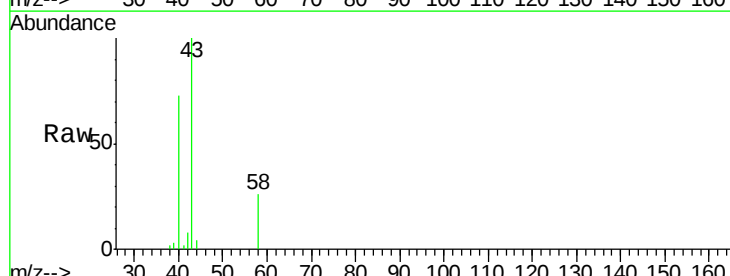
Acq: 20 Mar 2019 19:26

Tgt Ion: 43 Resp: 50072

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

3.22

20000

15000

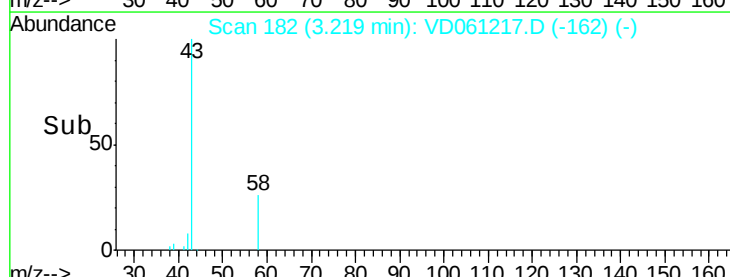
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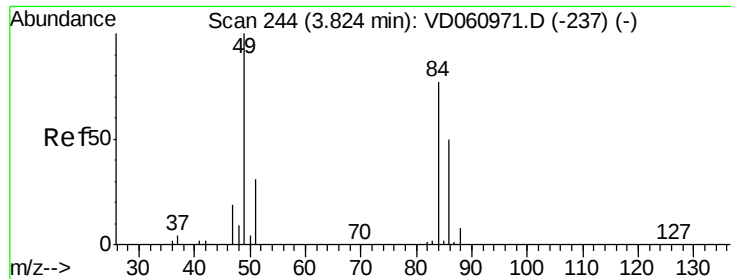
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Time-->

3.10 3.20 3.30





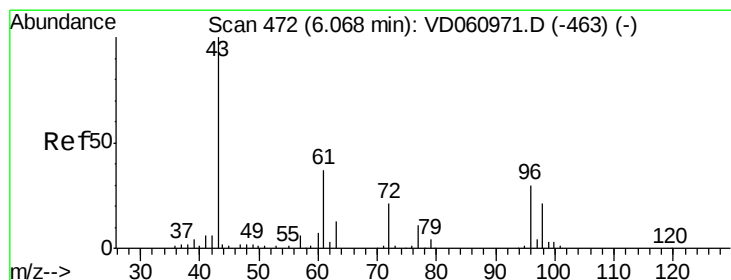
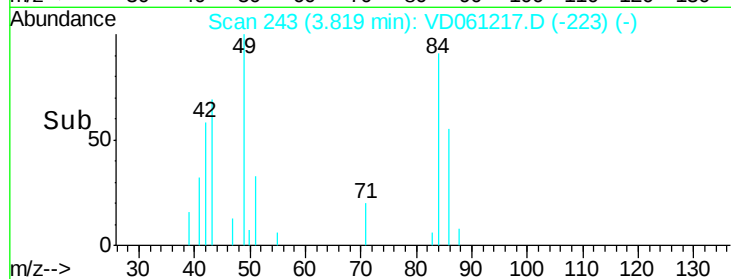
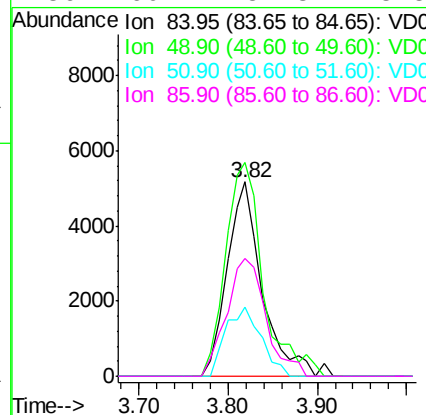
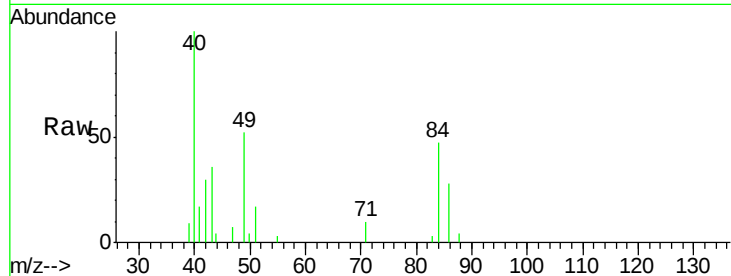
#20
Methvlene Chloride
Concen: 9.236 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)

Tot Ion	Ratio	Lower	Upper
84	100		
49	110.1	104.2	156.2
51	36.0	32.3	48.5
86	60.7	52.3	78.5

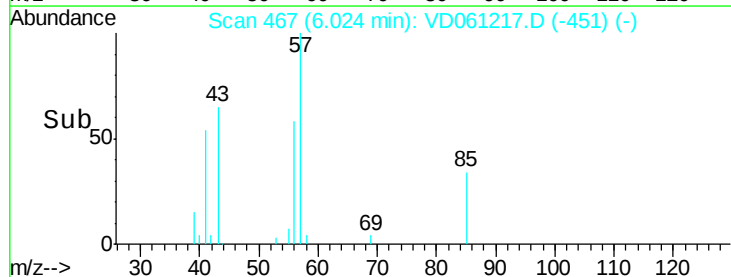
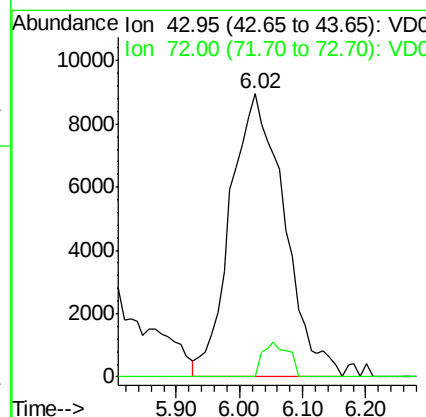
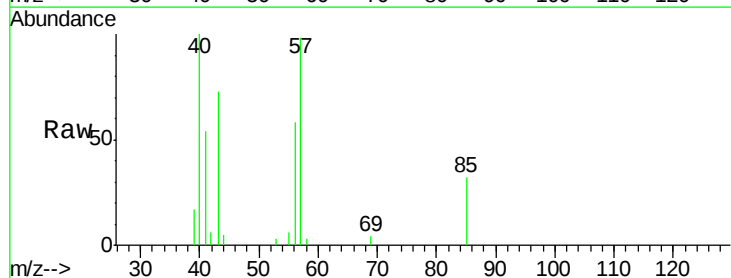
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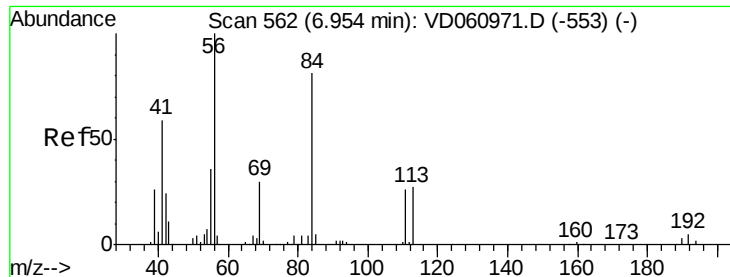
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#25
2-Butanone
Concen: 195.003 ug/l
RT: 6.02 min Scan# 467
Delta R.T. -0.04 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.7	25.1#





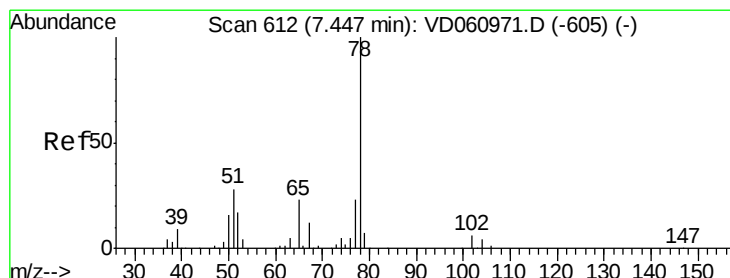
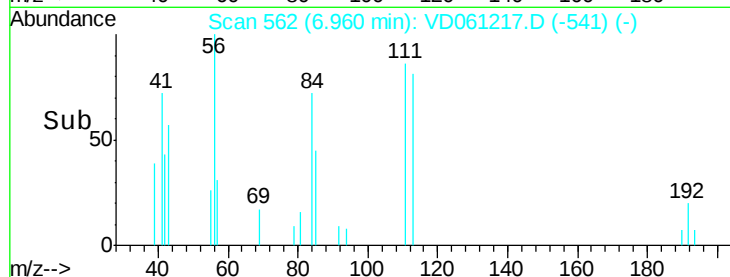
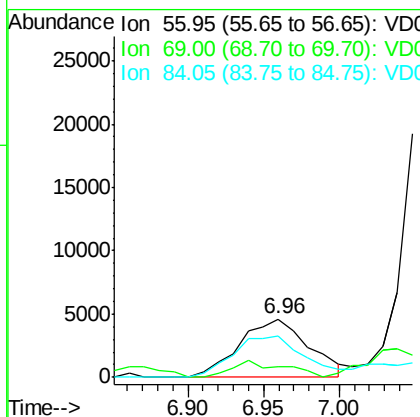
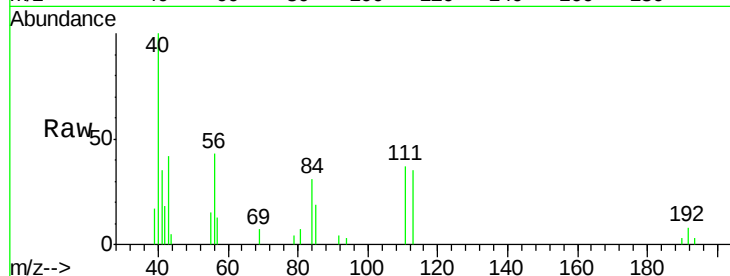
#31
Cyclohexane
Concen: 9.825 ug/l m
RT: 6.96 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)

Tot Ion	Ratio	Lower	Upper
56	100		
69	17.4	24.0	36.0#
84	71.8	65.8	98.6

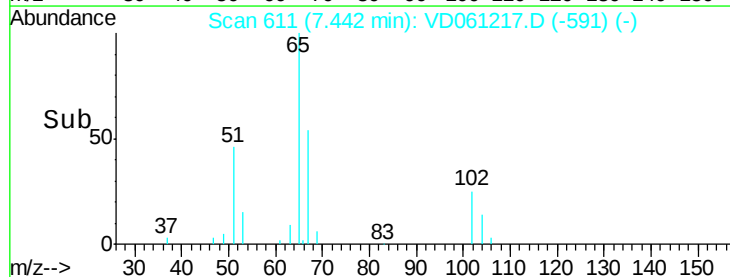
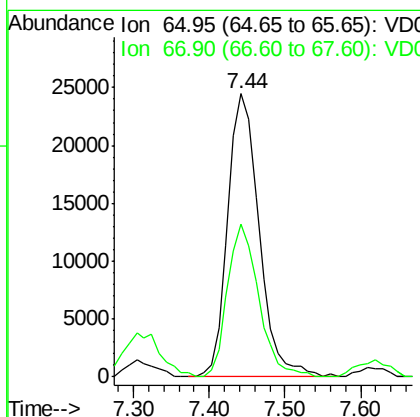
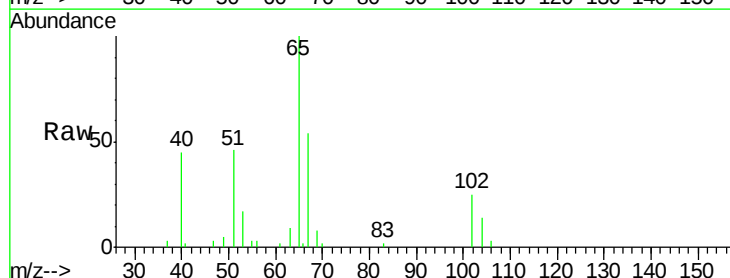
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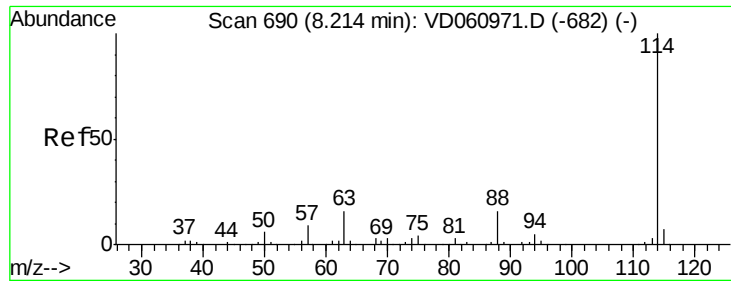
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#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.2





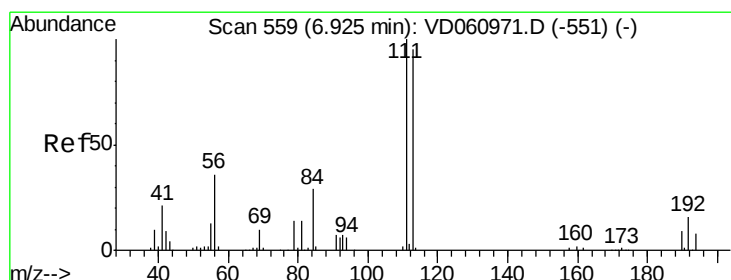
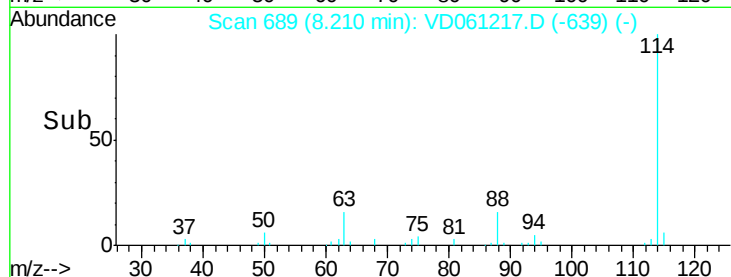
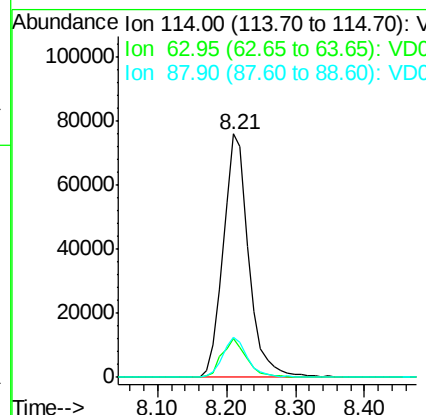
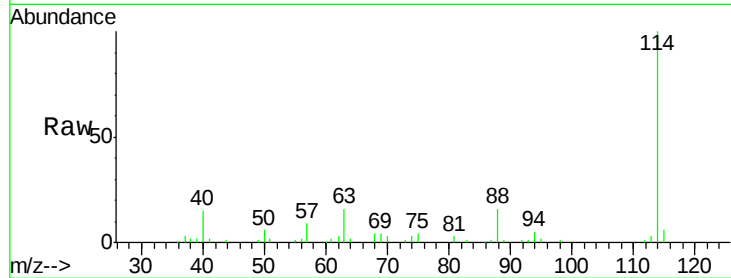
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061217.D
 Acq: 20 Mar 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(7.5-8.5)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	194096		
63	15.7	0.0	31.4	
88	16.3	0.0	33.0	

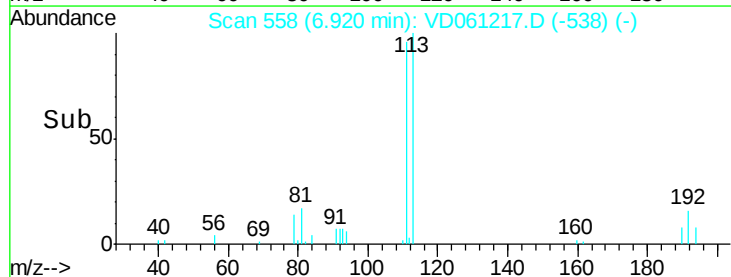
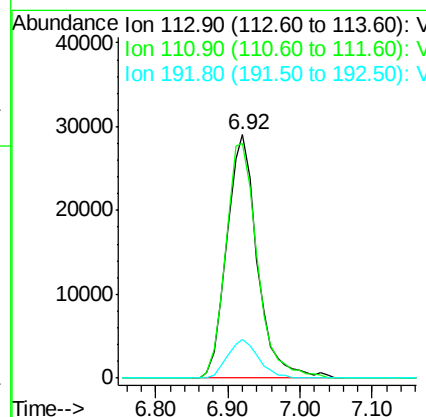
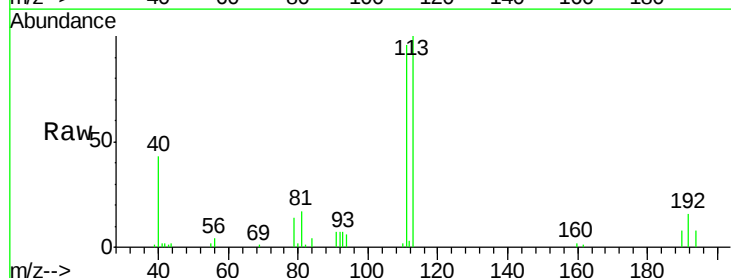
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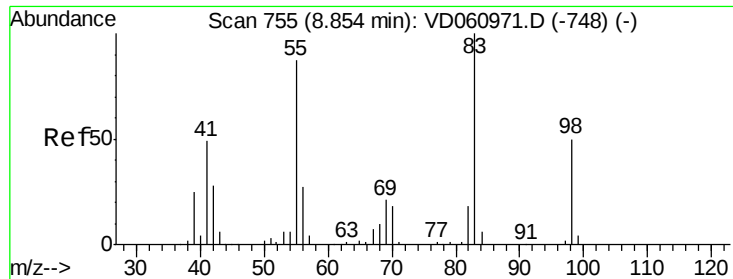
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061217.D
 Acq: 20 Mar 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	85194		
111	96.5	84.2	126.4	
192	15.8	13.1	19.7	





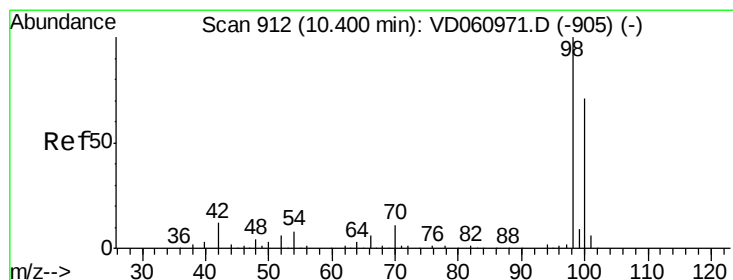
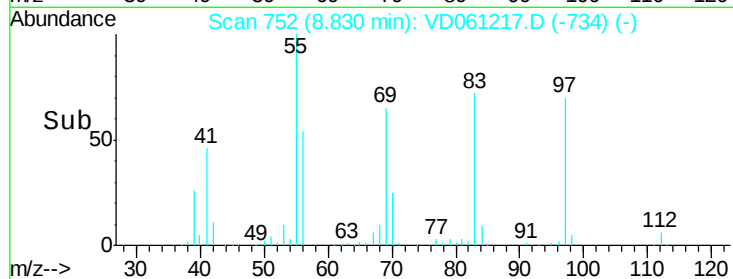
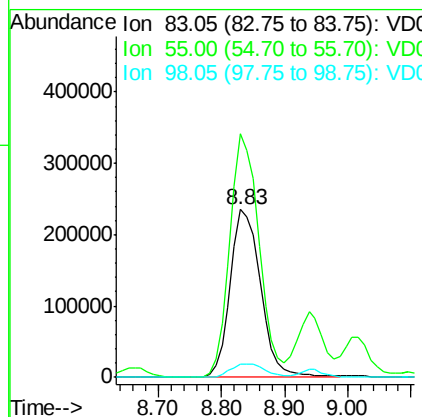
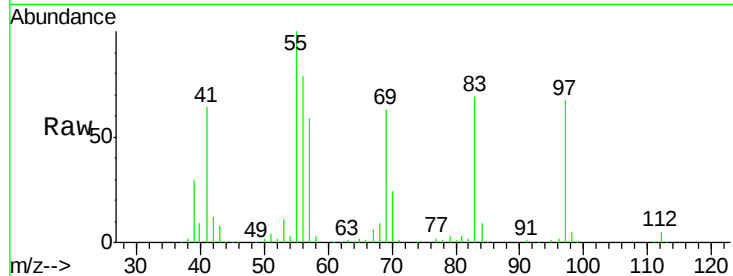
#39
Methvlcvclohexane
Concen: 453.286 ug/l
RT: 8.83 min Scan# 752
Delta R.T. -0.02 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)

Tot Ion	Ratio	Lower	Upper
83	100		
55	144.9	69.6	104.4#
98	7.7	40.0	60.0#

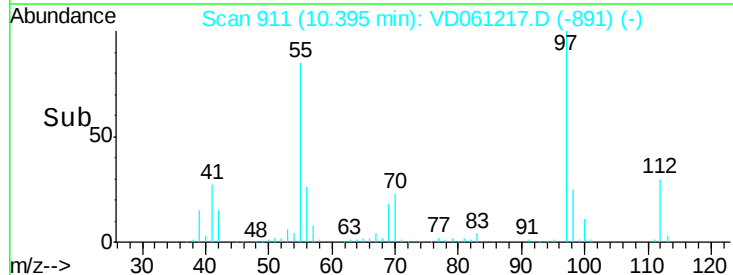
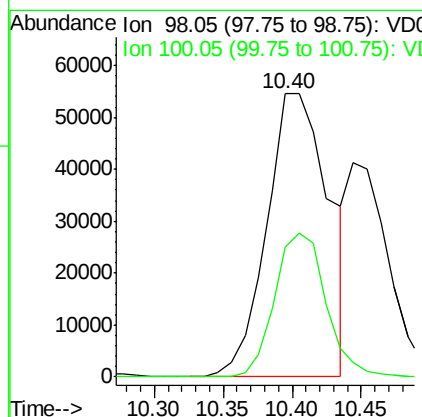
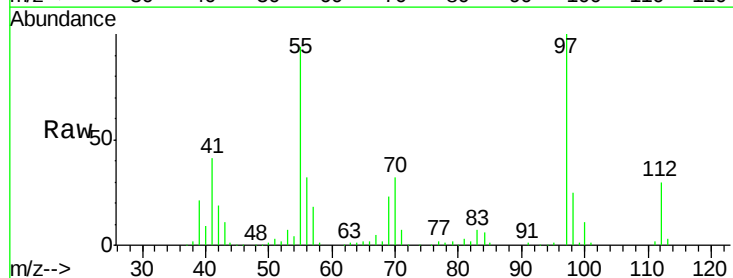
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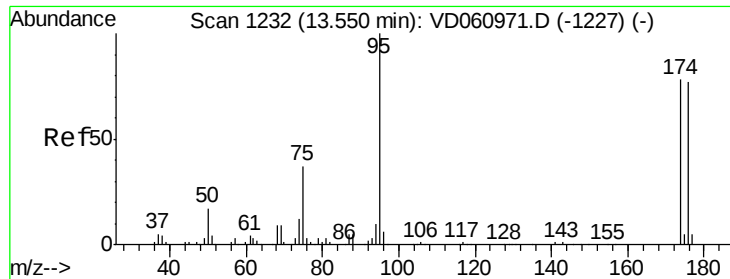
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	45.9	57.4	86.2#





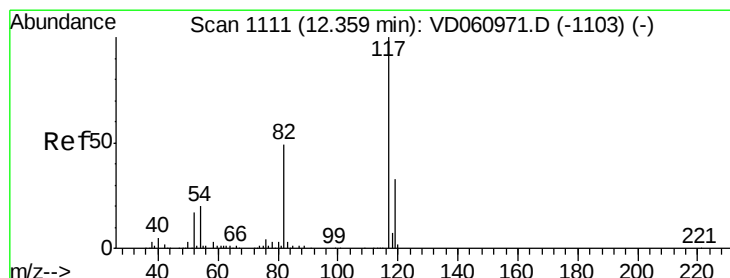
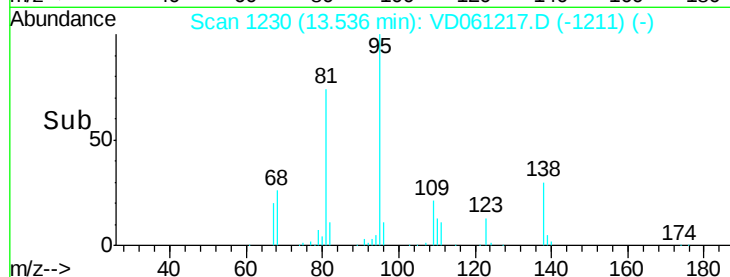
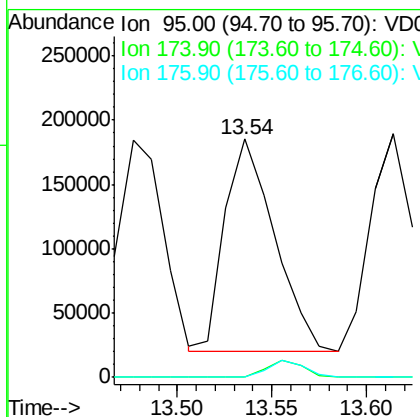
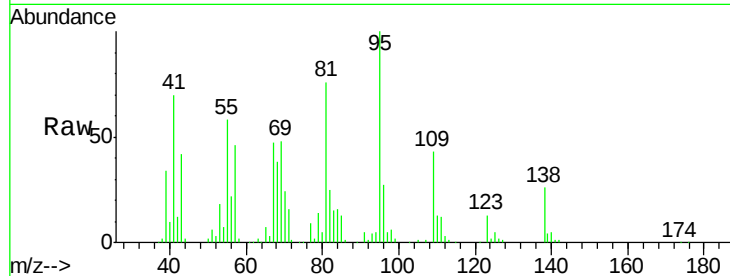
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	301746		
174	0.2	0.0	155.6	
176	0.4	0.0	153.8	

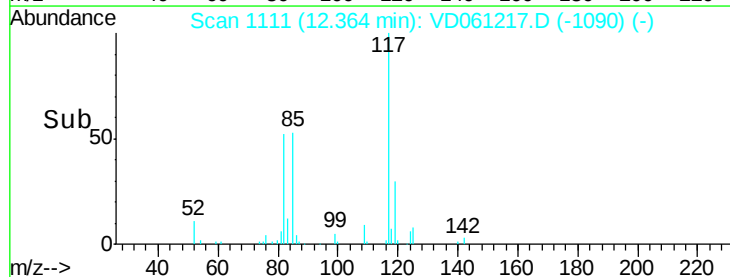
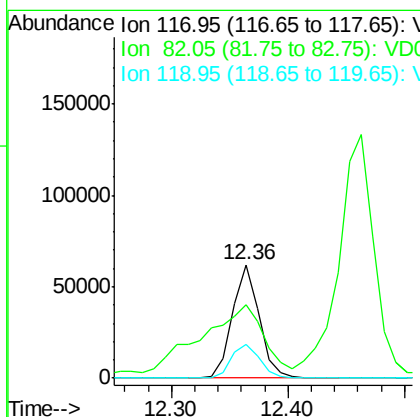
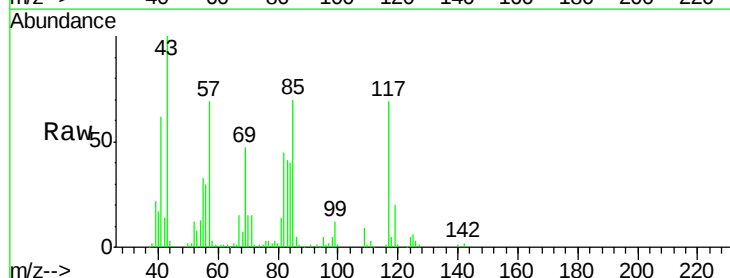
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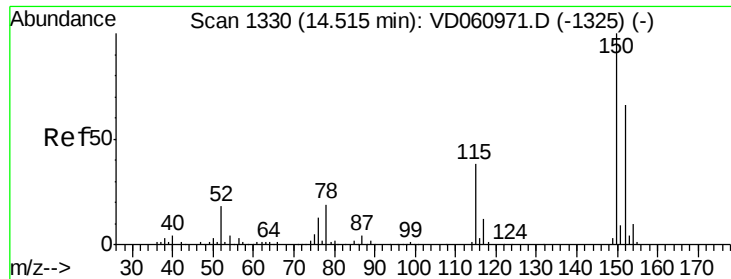
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3/27/2019 8:56:44 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061217.D
Acq: 20 Mar 2019 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98750		
82	64.7	38.9	58.3#	
119	29.5	26.6	39.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061217.D

Acq: 20 Mar 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

SB-19(7.5-8.5)

Tot Ion:152 Resp: 24819

Ion Ratio Lower Upper

152 100

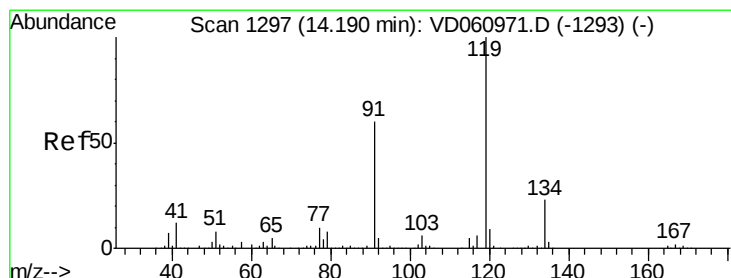
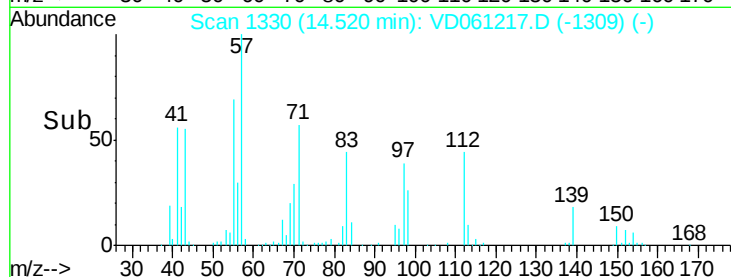
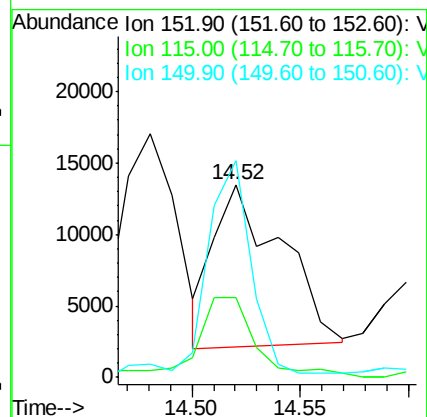
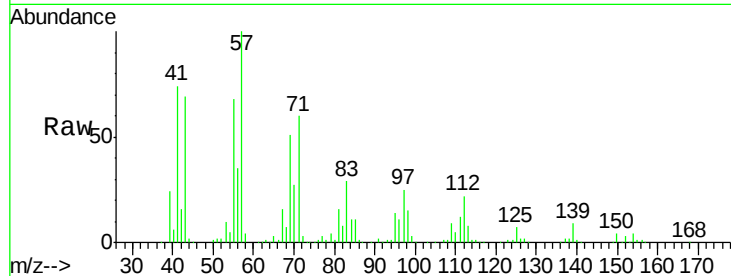
115 41.6 28.6 85.9

150 112.7 0.0 310.6

Manual Integrations
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#83

tert-Butylbenzene

Concen: 29.201 ug/l

RT: 14.19 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VD061217.D

Acq: 20 Mar 2019 19:26

Tgt Ion:119 Resp: 43394

Ion Ratio Lower Upper

119 100

91 92.4 30.1 90.3#

134 22.0 11.6 34.7

