

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062658.D
 Acq On : 10 Jun 2019 17:22
 Operator : VA/AP
 Sample : K3273-19
 Misc : 4.01g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10 0.5-1.0 060719

Manual Integrations
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MMDadoda
 6/14/2019 12:38:44 AM

Quant Time: Jun 11 08:17:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	422832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	574565	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	314890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	88498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	290137	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	6.91	113	307436	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	10.40	98	446153	35.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	70.00%	
62) 4-Bromofluorobenzene	13.55	95	127845	21.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.00%	
Target Compounds						
16) Acetone	3.21	43	267488	239.412	ug/l	99
18) Methyl Acetate	3.64	43	6969	3.795	ug/l	97
25) 2-Butanone	6.06	43	18480	16.954	ug/l	98
73) Isopropylbenzene	13.39	105	66908	10.726	ug/l #	62
80) 1,3,5-Trimethylbenzene	13.93	105	8913	1.617	ug/l	79
84) 1,2,4-Trimethylbenzene	14.24	105	40207	7.366	ug/l	93
85) sec-Butylbenzene	14.37	105	20316	3.186	ug/l	83
86) p-Isopropyltoluene	14.48	119	40365	6.502	ug/l	96
89) n-Butylbenzene	14.80	91	13786m	2.469	ug/l	

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

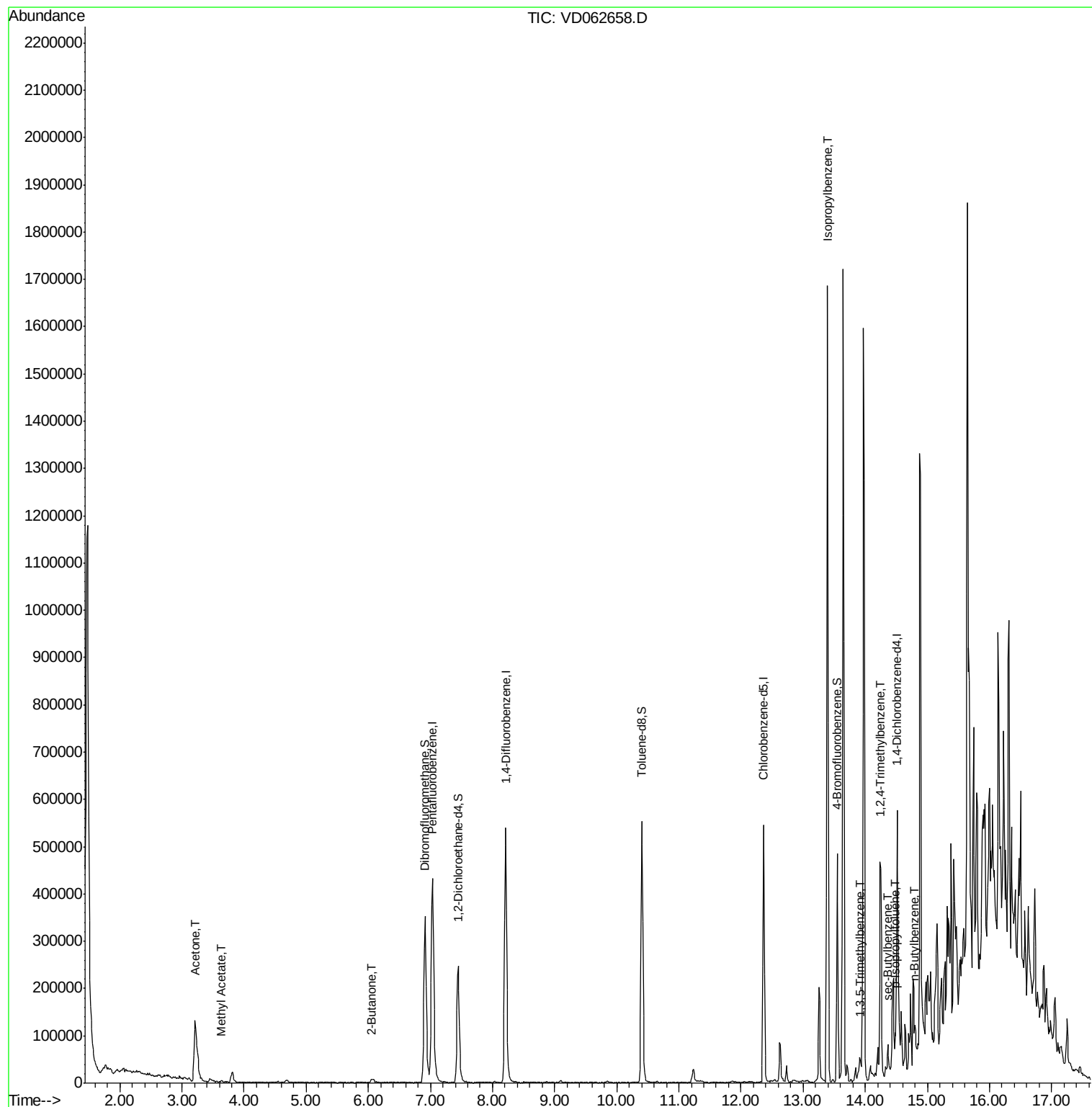
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061019\
Data File : VD062658.D
Acq On : 10 Jun 2019 17:22
Operator : VA/AP
Sample : K3273-19
Misc : 4.01µl/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

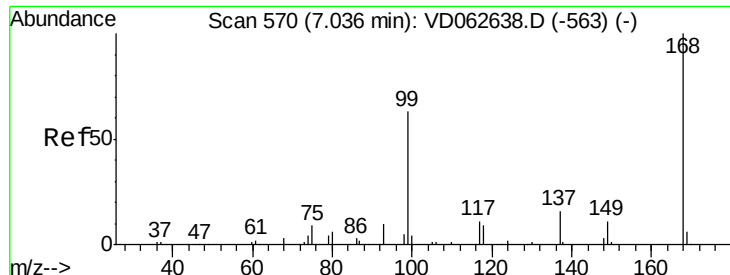
Instrument :
MSVOA_D
ClientSampleId :
SB-10 0.5-1.0 060719

Manual Integrations
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6/14/2019 12:38:44 AM

Quant Time: Jun 11 08:17:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062658.D

Acq: 10 Jun 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

SB-10 0.5-1.0 060719

Tot Ion:168 Resp: 422832

Ion Ratio Lower Upper

168 100

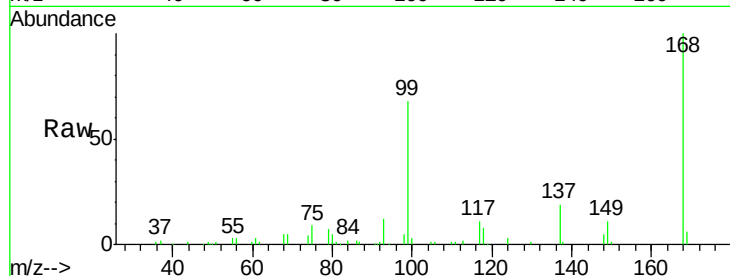
99 67.5 51.4 77.2

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

7.03

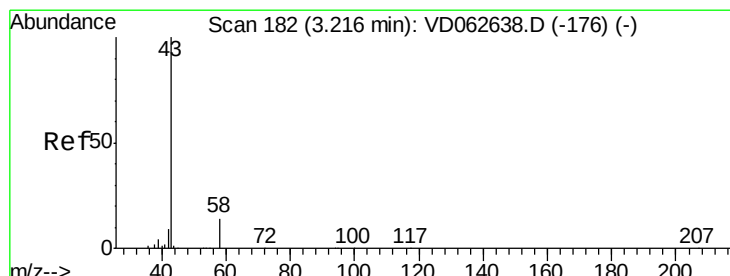
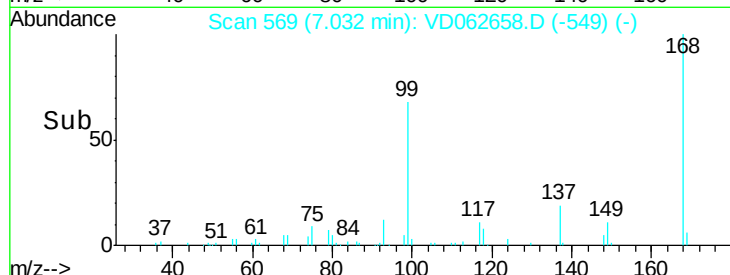
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 239.412 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD062658.D

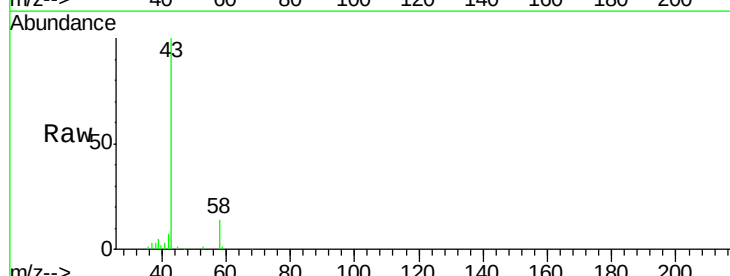
Acq: 10 Jun 2019 17:22

Tgt Ion: 43 Resp: 267488

Ion Ratio Lower Upper

43 100

58 14.1 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

100000

80000

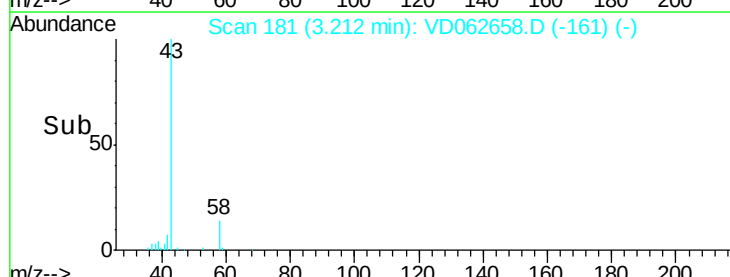
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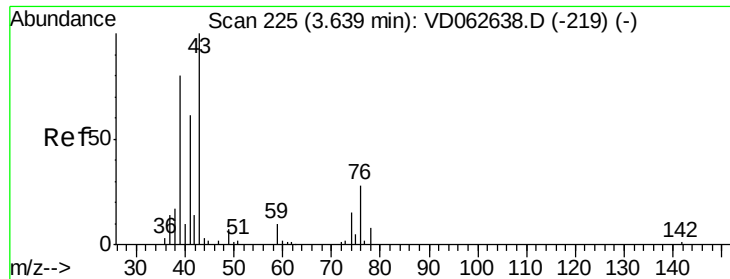
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Time-->





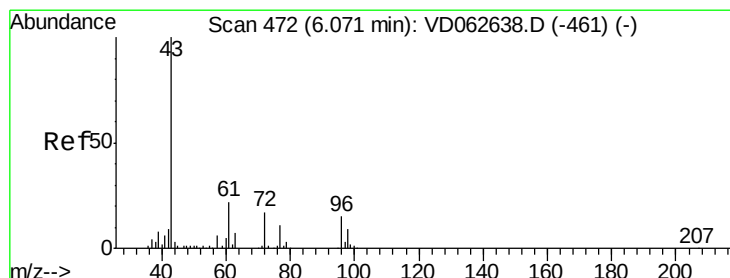
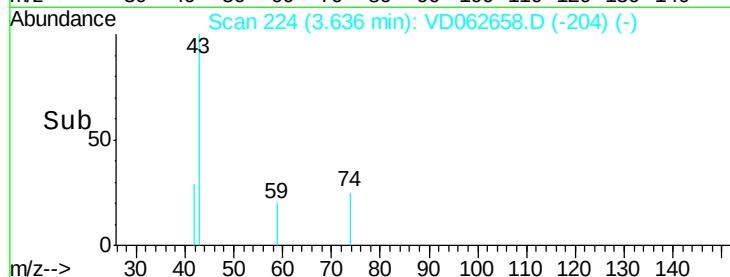
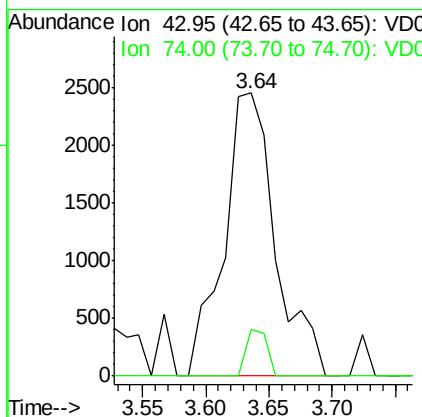
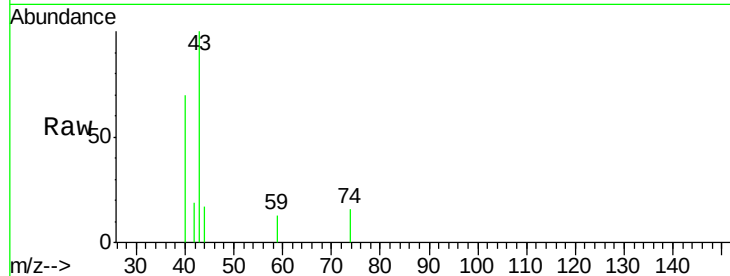
#18
Methyl Acetate
Concen: 3.795 ug/l
RT: 3.64 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD062658.D
Acq: 10 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
SB-10 0.5-1.0 060719

Tot Ion: 43 Resp: 6969
Ion Ratio Lower Upper
43 100
74 16.3 12.1 18.1

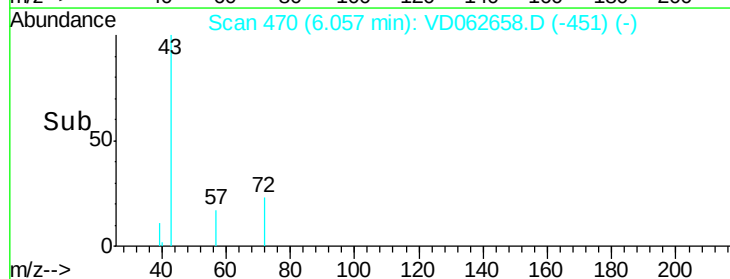
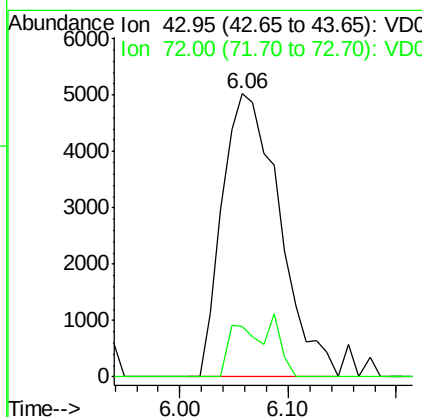
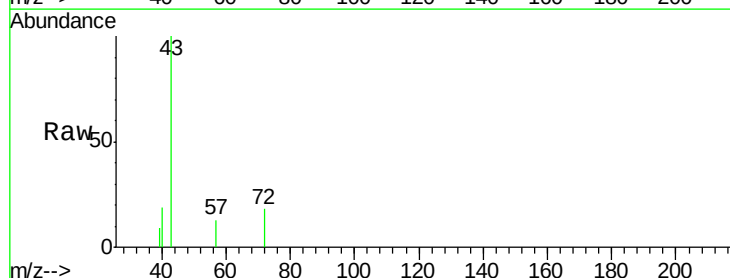
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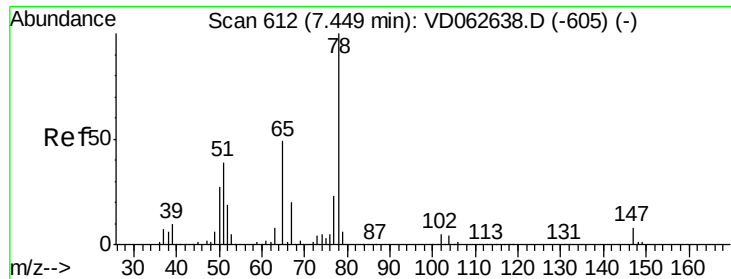
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#25
2-Butanone
Concen: 16.954 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.01 min
Lab File: VD062658.D
Acq: 10 Jun 2019 17:22

Tgt Ion: 43 Resp: 18480
Ion Ratio Lower Upper
43 100
72 17.7 13.5 20.3





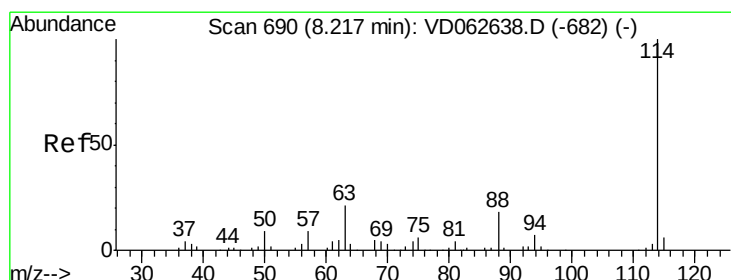
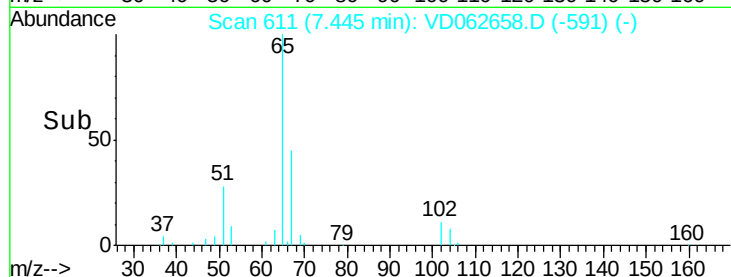
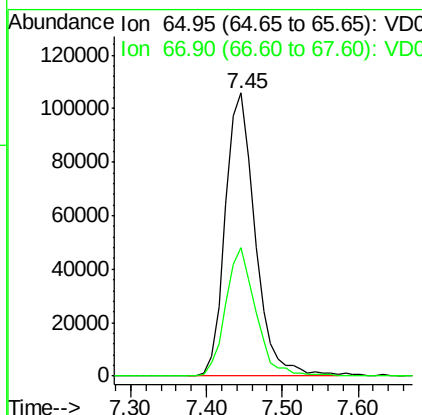
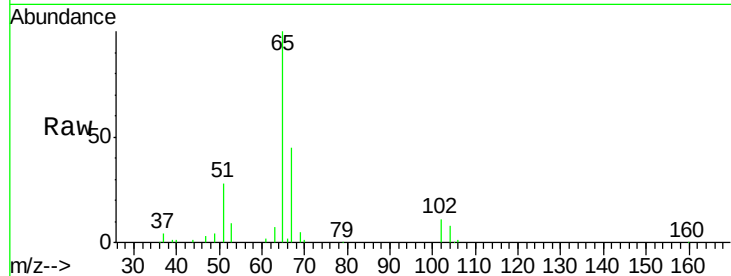
#33
 1,2-Dichloroethane-d4
 Concen: 47.552 ug/l
 RT: 7.45 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD062658.D
 Acq: 10 Jun 2019 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10 0.5-1.0 060719

Tot Ion	Ratio	Resp	Lower	Upper
65	100	290137		
67	45.4	0.0	81.8	

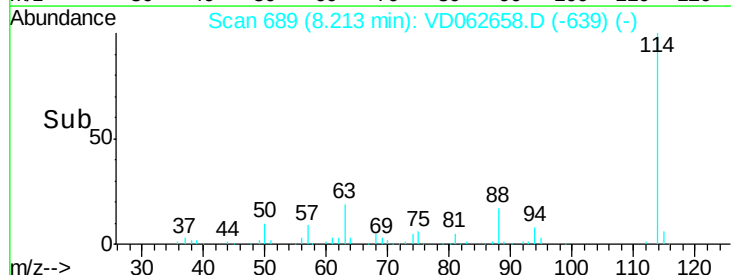
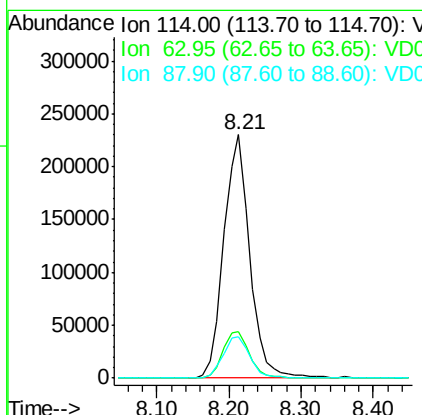
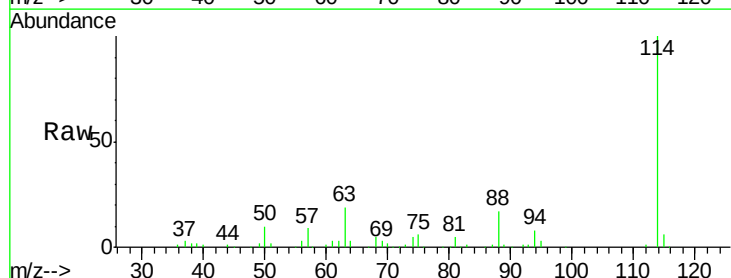
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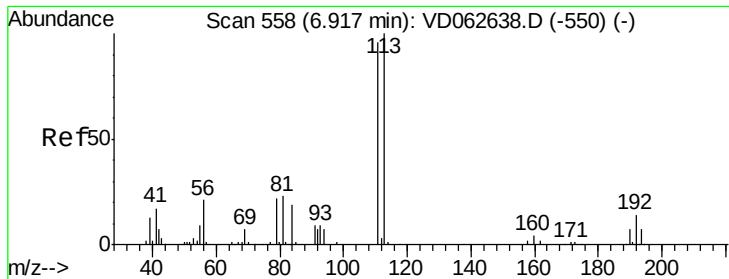
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD062658.D
 Acq: 10 Jun 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	574565		
63	19.0	0.0	42.4	
88	17.0	0.0	36.8	





#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD062658.D

Acq: 10 Jun 2019 17:22

Instrument :

MSVOA_D

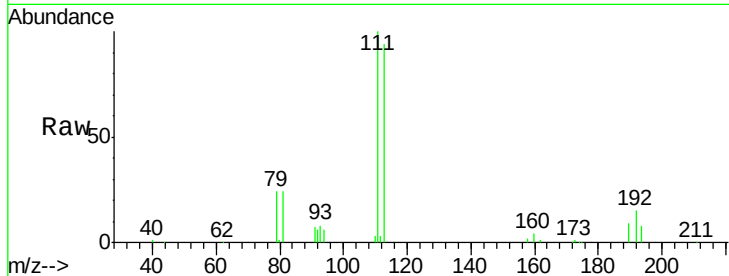
ClientSampleId :

SB-10 0.5-1.0 060719

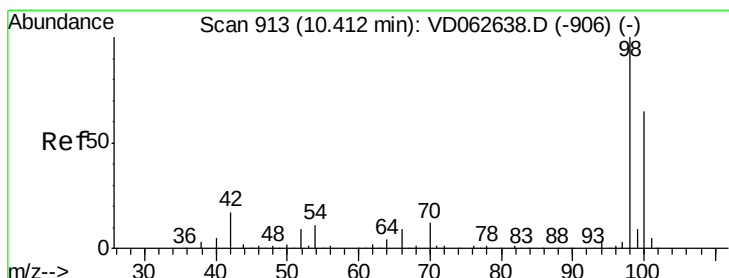
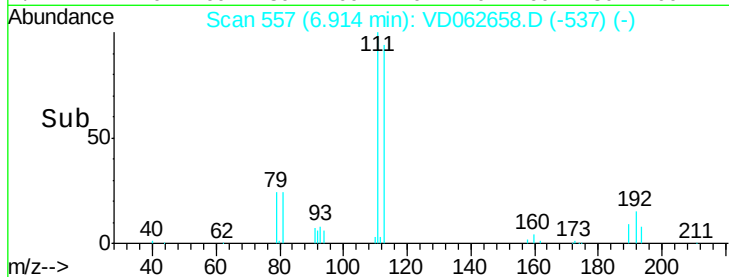
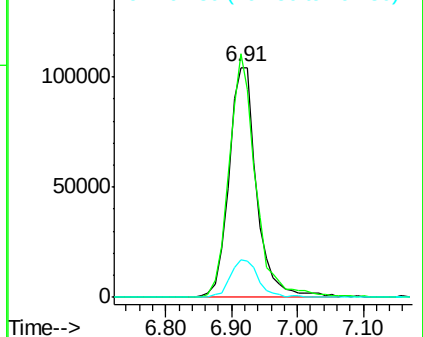
Tot Ion:	113	Resp:	307436
Ion Ratio	Lower	Upper	
113	100		
111	106.0	76.4	114.6
192	16.2	11.4	17.0

Manual Integrations
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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: 35.000 ug/l

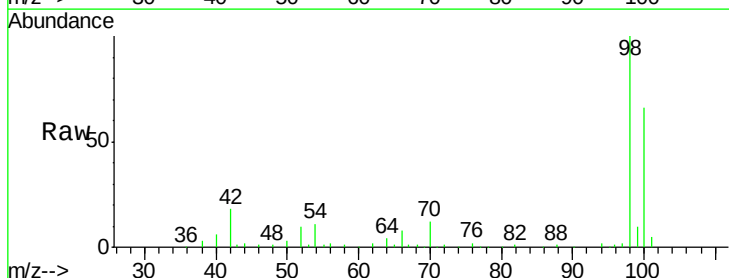
RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

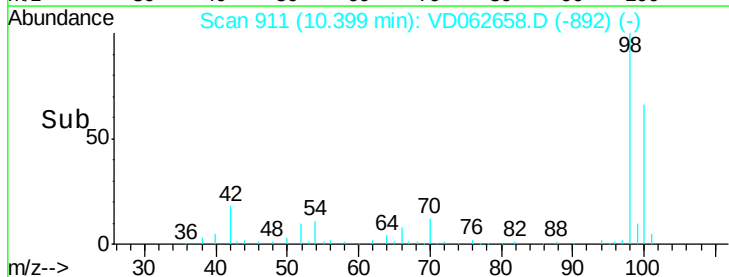
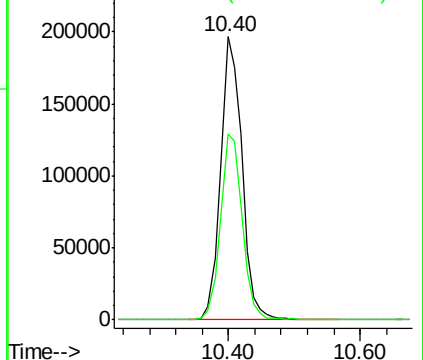
Lab File: VD062658.D

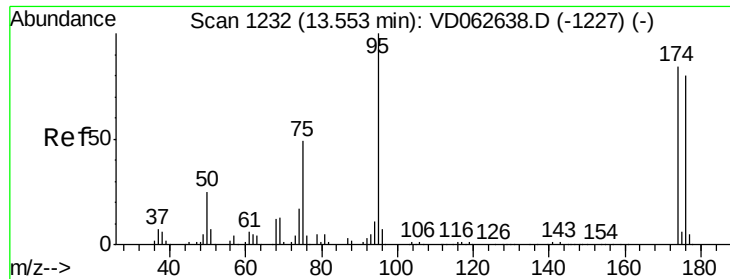
Acq: 10 Jun 2019 17:22

Tgt Ion:	98	Resp:	446153
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.1	78.1



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





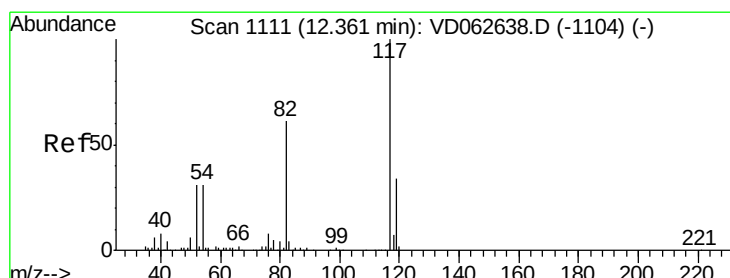
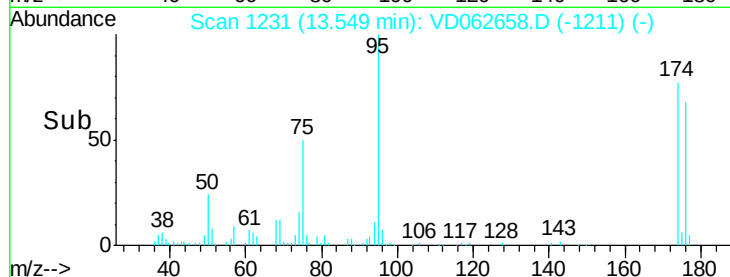
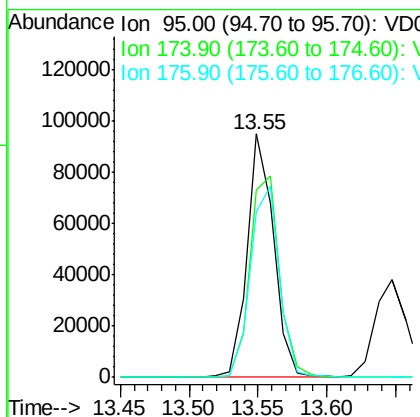
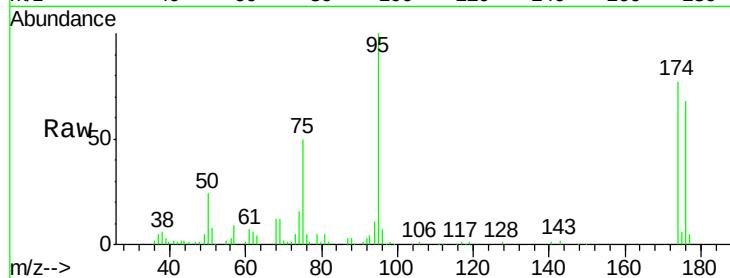
#62
4-Bromofluorobenzene
Concen: 21.497 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062658.D
Acq: 10 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
SB-10 0.5-1.0 060719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		127845		
174	76.7	0.0	167.0		
176	68.2	0.0	159.2		

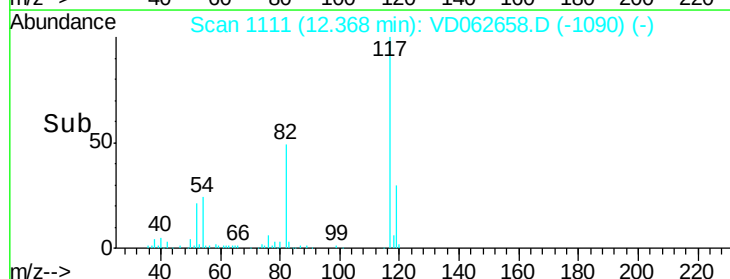
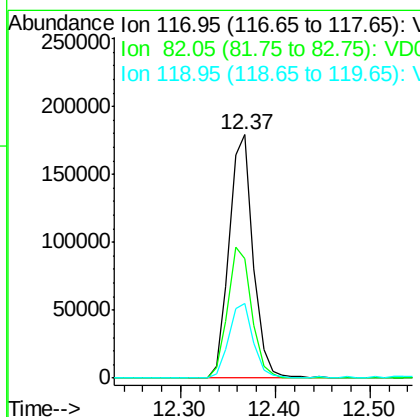
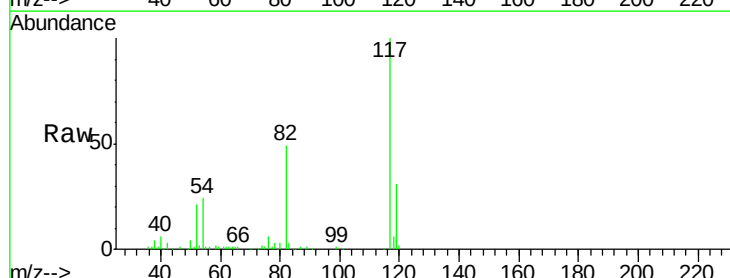
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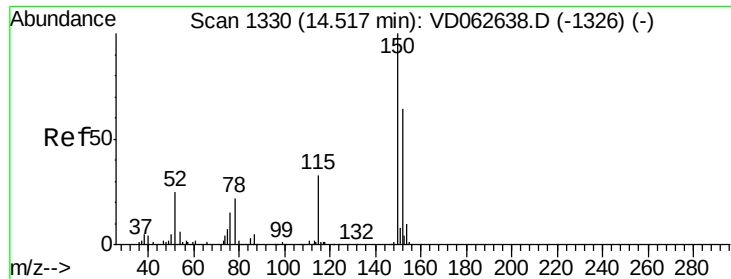
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062658.D
Acq: 10 Jun 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		314890		
82	49.1	48.7	73.1		
119	30.7	27.0	40.6		





#72

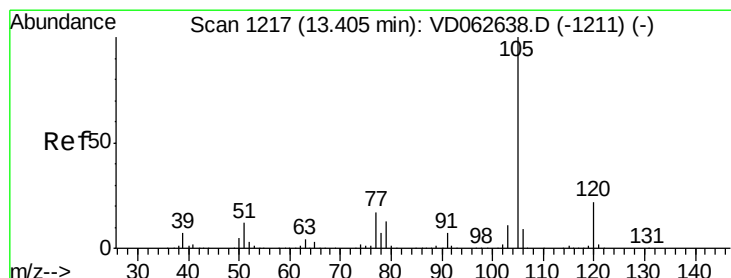
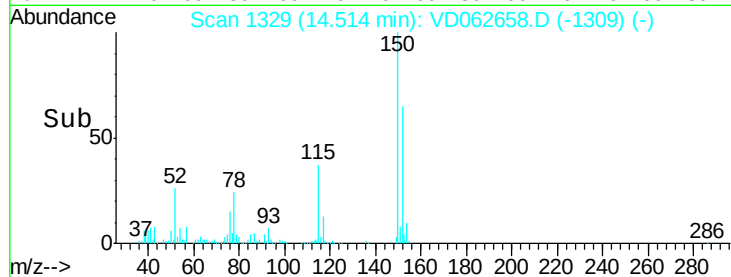
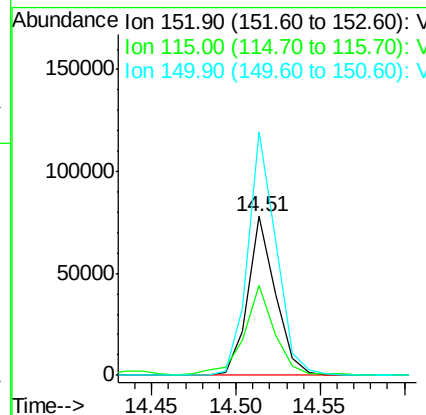
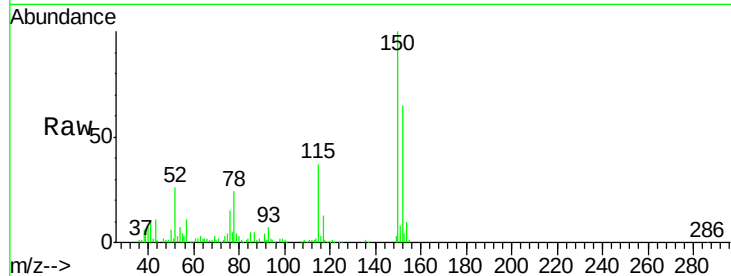
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062658.D
Acq: 10 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
SB-10_0.5-1.0_060719

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	30.1	90.5
150	153.3	0.0	314.0

Manual Integrations
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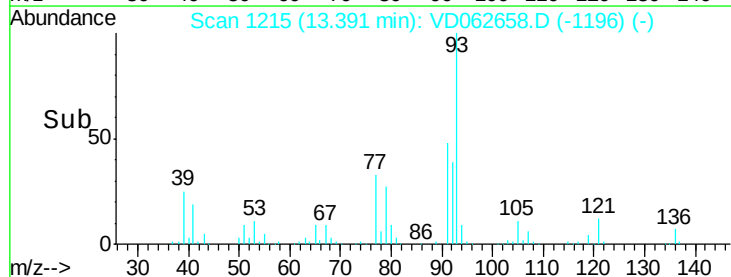
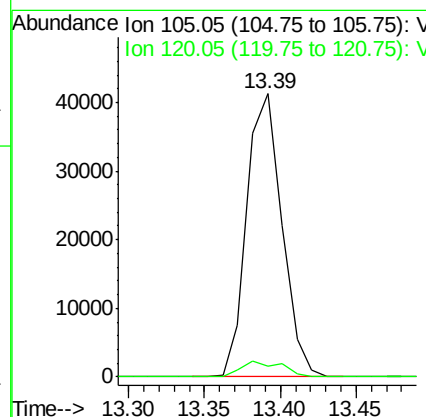
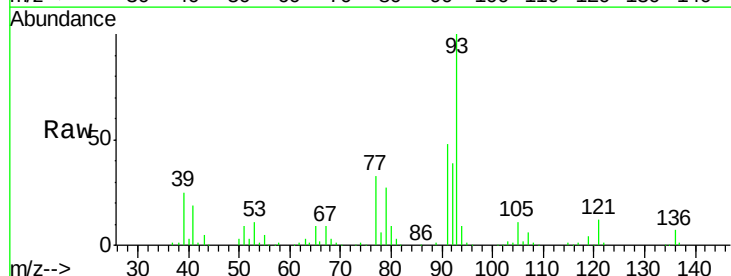
MMDadoda
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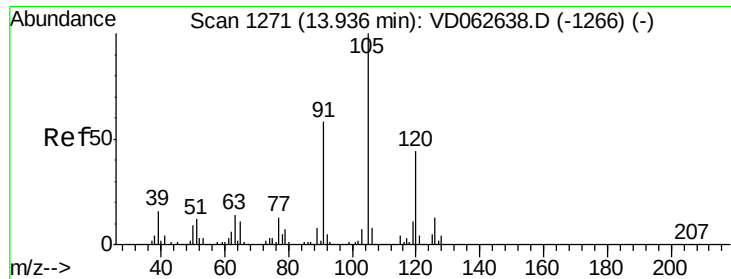


#73

Isopropylbenzene
Concen: 10.726 ug/l
RT: 13.39 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VD062658.D
Acq: 10 Jun 2019 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	4.0	10.9	32.7





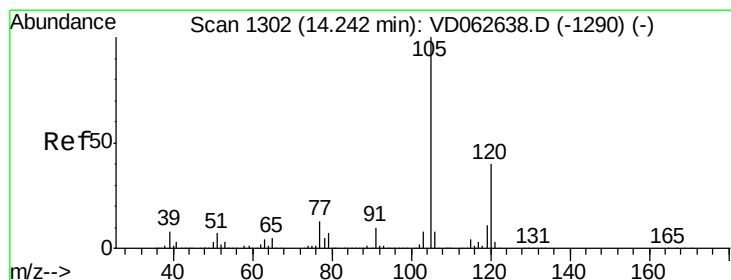
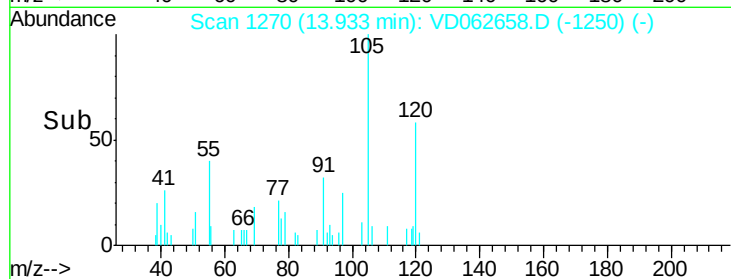
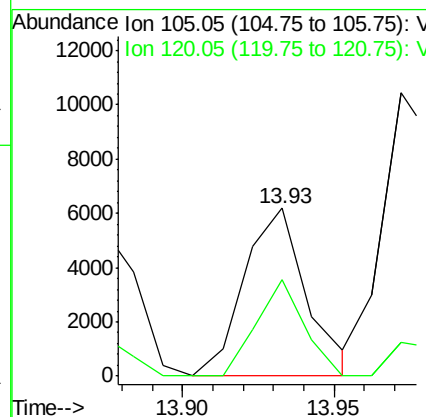
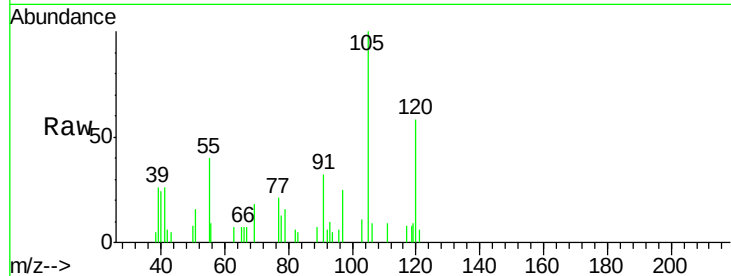
#80
 1,3,5-Trimethylbenzene
 Concen: 1.617 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD062658.D
 Acq: 10 Jun 2019 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10 0.5-1.0 060719

Tot Ion	Ratio	Lower	Upper
105	100		
120	57.8	22.1	66.5

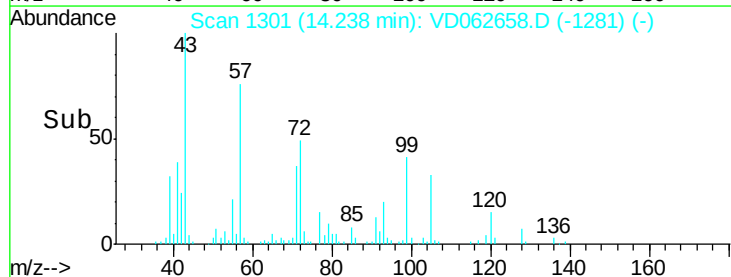
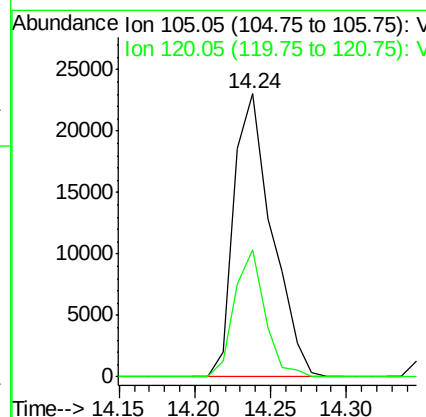
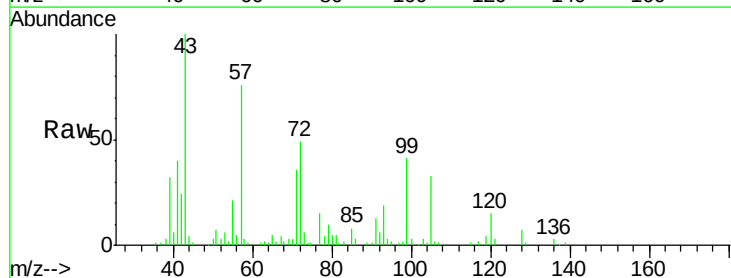
Manual Integrations
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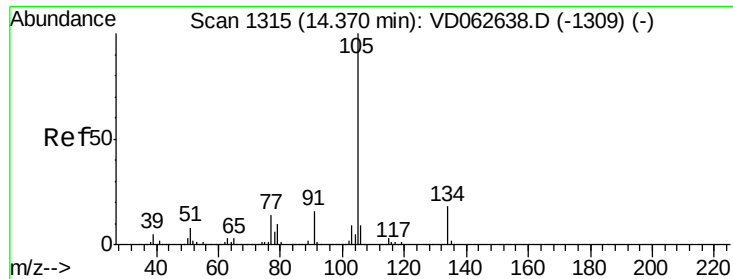
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 6/14/2019 12:38:44 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 7.366 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD062658.D
 Acq: 10 Jun 2019 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	20.3	60.8





#85

sec-Butylbenzene

Concen: 3.186 ug/l

RT: 14.37 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VD062658.D

Acq: 10 Jun 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

SB-10 0.5-1.0 060719

Tot Ion:105 Resp: 20316

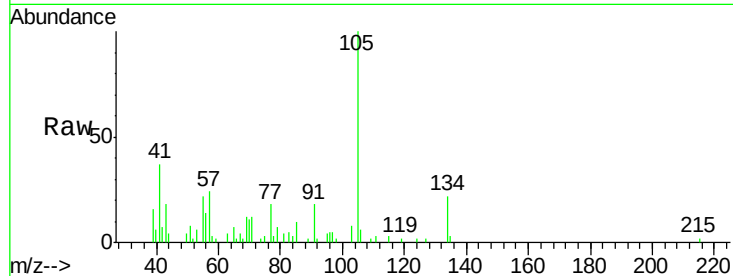
Ion Ratio Lower Upper

105 100

134 25.1 8.8 26.2

Manual Integrations
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6/14/2019 12:38:44 AM



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

20000

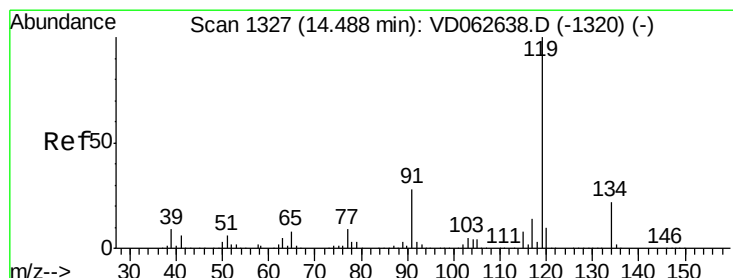
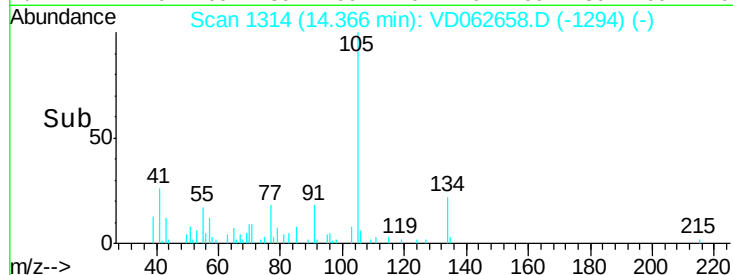
15000

10000

5000

0

Time--> 14.30 14.35 14.40



#86

p-Isopropyltoluene

Concen: 6.502 ug/l

RT: 14.48 min Scan# 1326

Delta R.T. -0.00 min

Lab File: VD062658.D

Acq: 10 Jun 2019 17:22

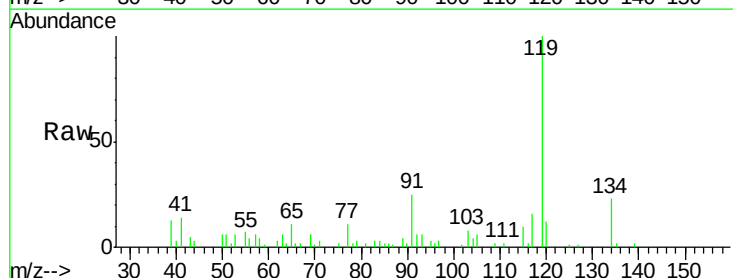
Tgt Ion:119 Resp: 40365

Ion Ratio Lower Upper

119 100

134 22.7 10.9 32.6

91 25.2 13.9 41.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

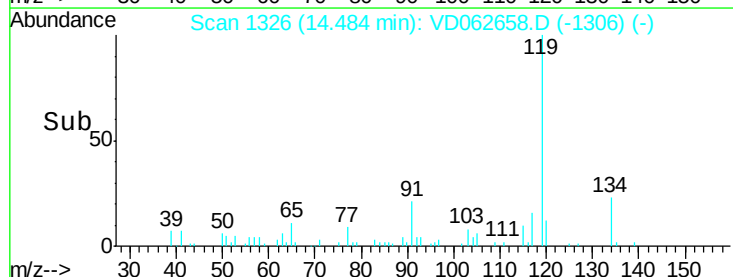
30000

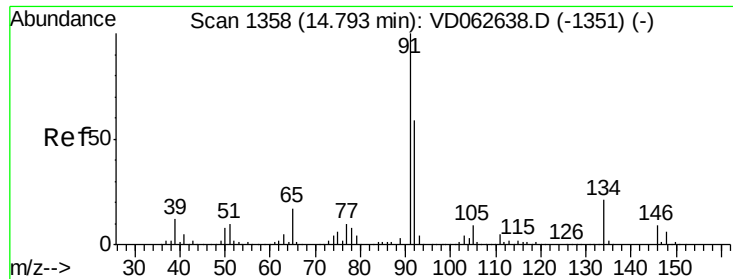
20000

10000

0

Time--> 14.45 14.50





#89
 n-Butylbenzene
 Concen: 2.469 ug/l m
 RT: 14.80 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: VD062658.D
 Acq: 10 Jun 2019 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10 0.5-1.0 060719

Tot Ion:	91	Resp:	13786
Ion Ratio	Lower	Upper	
91	100		
92	41.4	29.4	88.3
134	21.8	10.4	31.2

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 12:38:44 AM

