

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003471.D
 Acq On : 23 Jun 2018 19:54
 Operator : SY/AP
 Sample : J3664-14
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-23-25-180619

Manual Integrations
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 6/26/2018 10:54:40 AM

Quant Time: Jun 25 04:11:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	303828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	135448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	87781	37.57	ug/l	0.00
Spiked Amount			Recovery	=	75.14%	
35) Dibromofluoromethane	7.88	113	78521	35.52	ug/l	0.00
Spiked Amount			Recovery	=	71.04%	
50) Toluene-d8	10.33	98	303985	34.68	ug/l	0.00
Spiked Amount			Recovery	=	69.36%	
62) 4-Bromofluorobenzene	12.62	95	148731	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	110780	226.08	ug/l	99
20) Methylene Chloride	4.91	84	10840	1.66	ug/l	94
25) 2-Butanone	7.19	43	44855	73.62	ug/l	93
39) Methylcyclohexane	9.34	83	105334	26.49	ug/l	95
65) Chlorobenzene	11.66	112	844640	133.50	ug/l	98
69) o-Xylene	12.17	106	12761	3.23	ug/l	56
73) Isopropylbenzene	12.47	105	21830	2.32	ug/l	100
83) tert-Butylbenzene	13.21	119	126866	18.83	ug/l	93
85) sec-Butylbenzene	13.39	105	697565	69.64	ug/l #	41
89) n-Butylbenzene	13.83	91	169761m	19.71	ug/l	

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

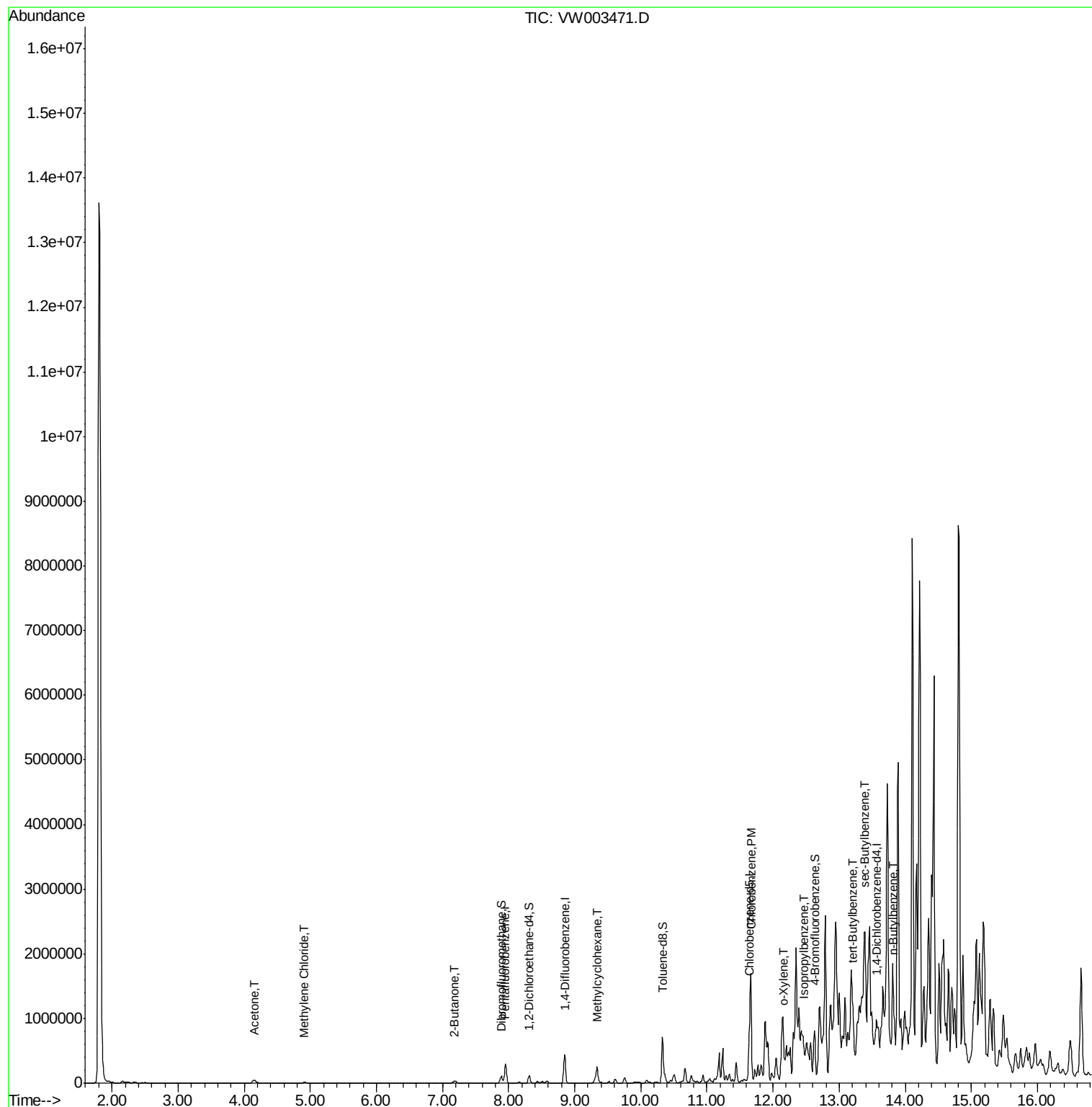
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Data File : VW003471.D
Acq On : 23 Jun 2018 19:54
Operator : SY/AP
Sample : J3664-14
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

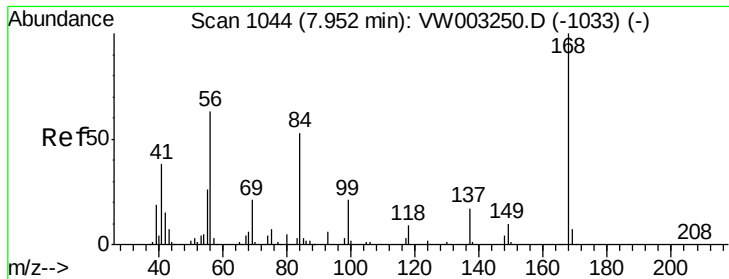
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

Manual Integrations
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Quant Time: Jun 25 04:11:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-23-25-180619

Tot Ion:168 Resp: 215698

Ion Ratio Lower Upper

168 100

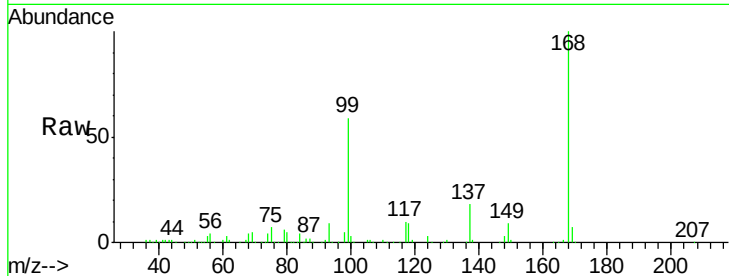
99 58.6 45.5 68.3

Manual Integrations

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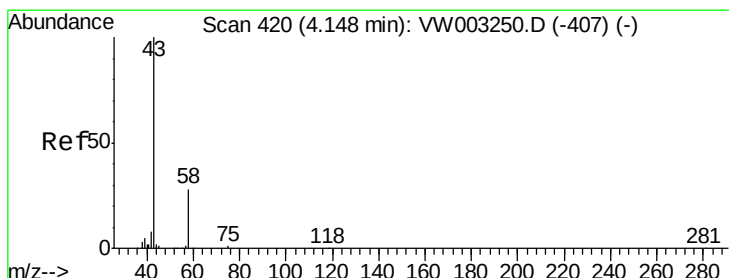
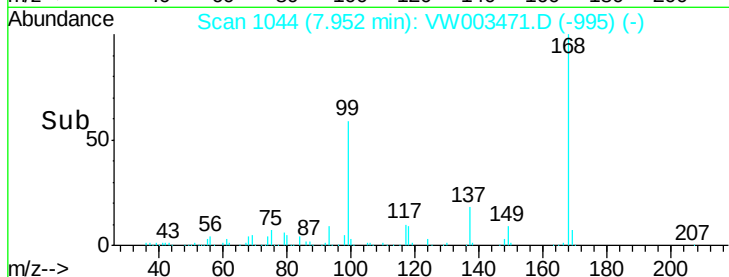
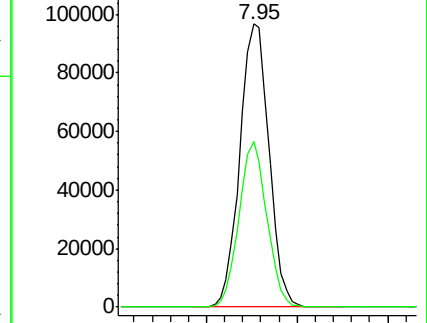
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 226.08 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003471.D

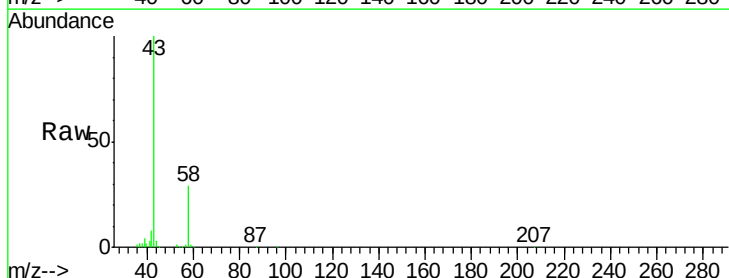
Acq: 23 Jun 2018 19:54

Tgt Ion: 43 Resp: 110780

Ion Ratio Lower Upper

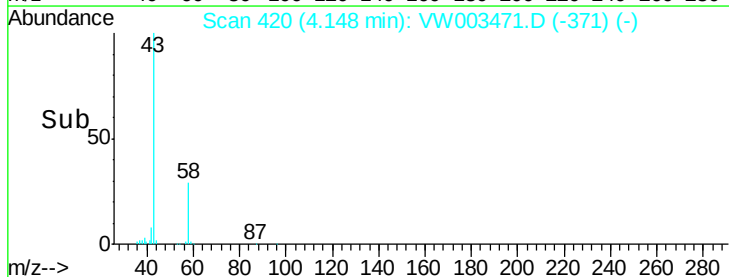
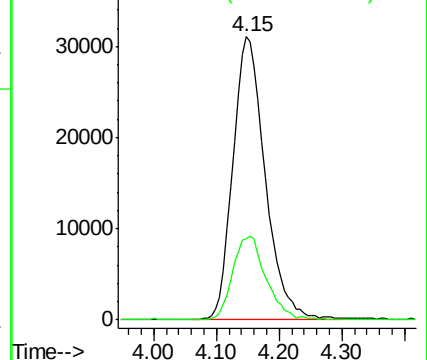
43 100

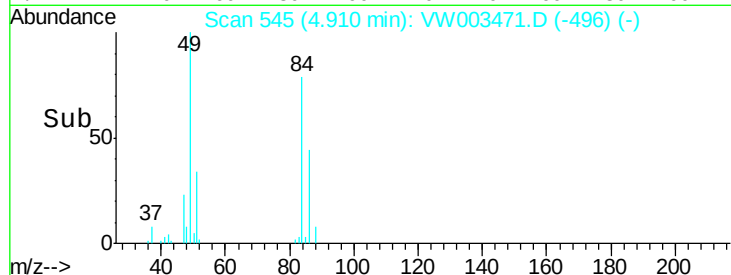
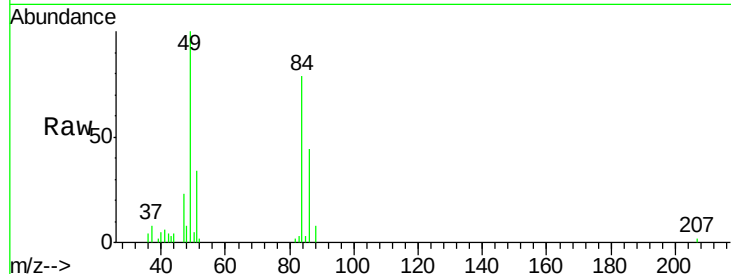
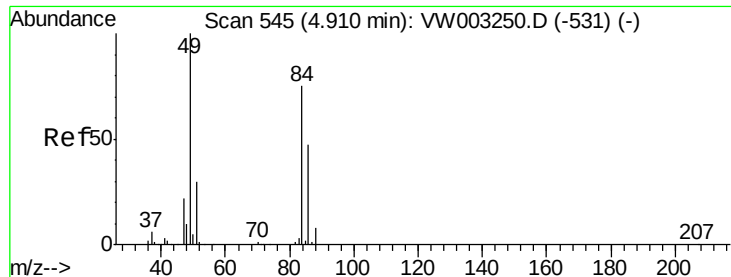
58 28.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





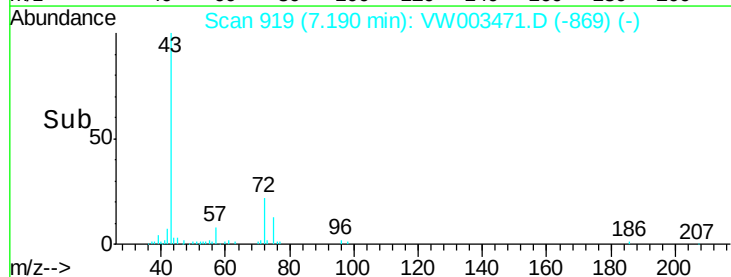
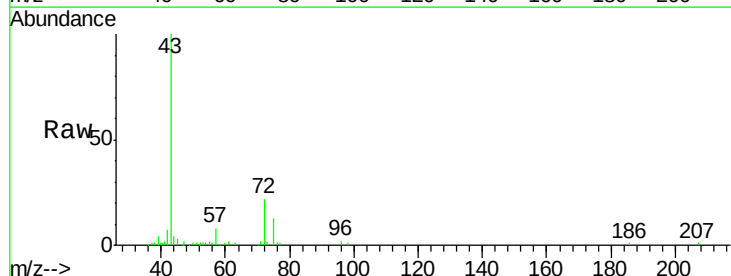
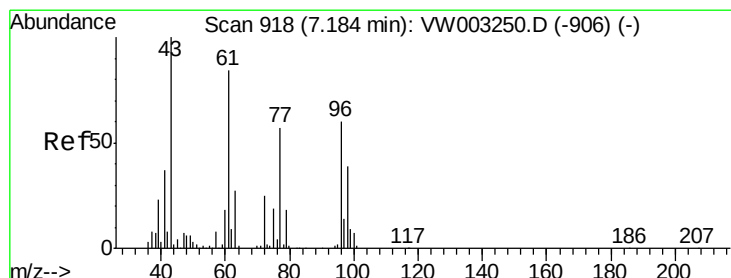
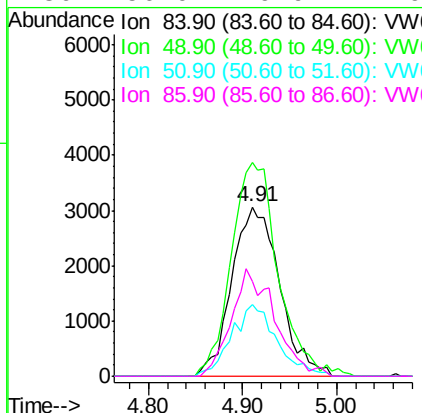
#20
Methylene Chloride
Concen: 1.66 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Tot Ion:	84	Resp:	10840
Ion	Ratio	Lower	Upper
84	100		
49	126.3	106.3	159.5
51	42.5	32.0	48.0
86	56.0	49.9	74.9

Instrument :
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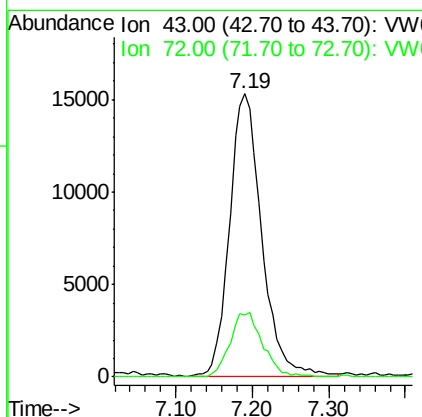
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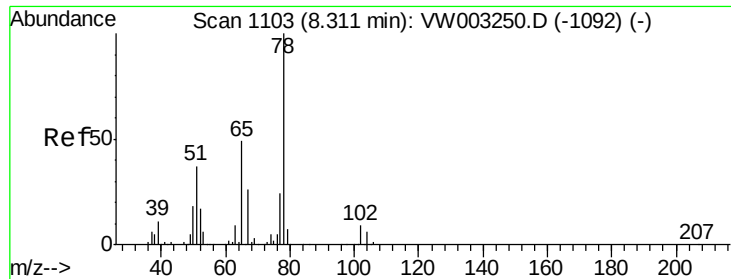
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#25
2-Butanone
Concen: 73.62 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Tgt Ion:	43	Resp:	44855
Ion	Ratio	Lower	Upper
43	100		
72	21.9	20.3	30.5





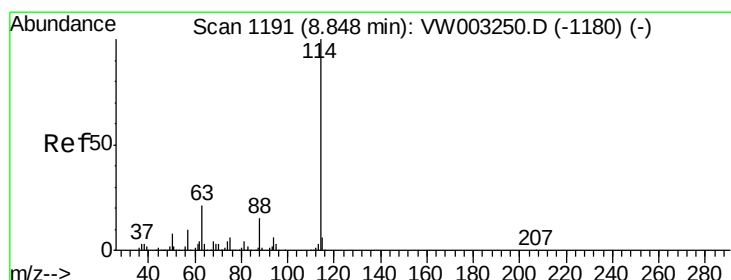
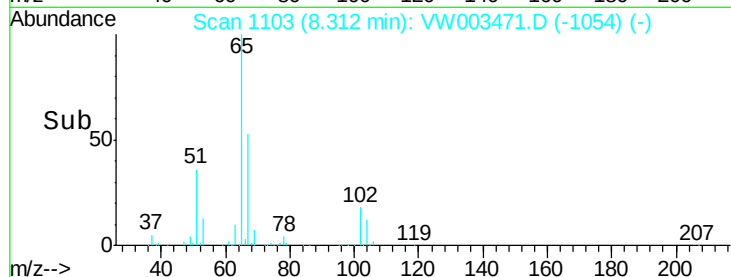
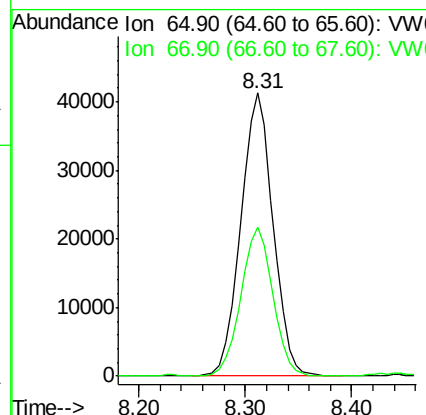
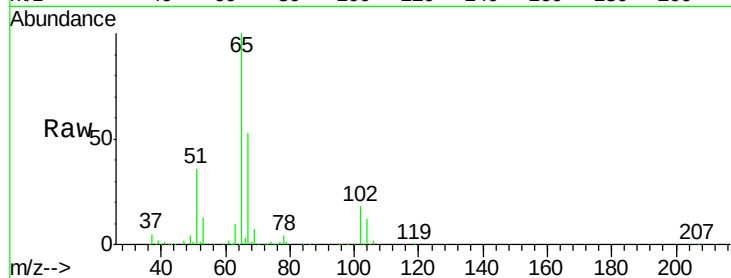
#33
 1,2-Dichloroethane-d4
 Concen: 37.57 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003471.D
 Acq: 23 Jun 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-23-25-180619

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	104.2	

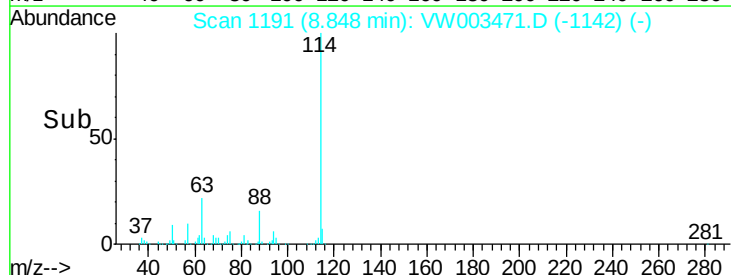
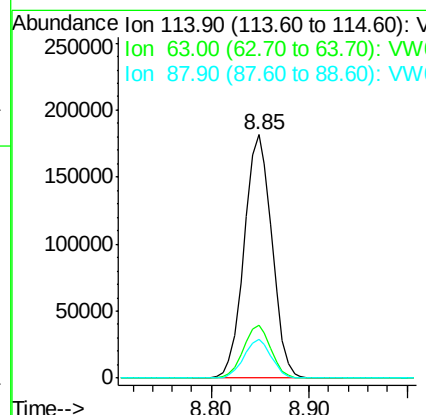
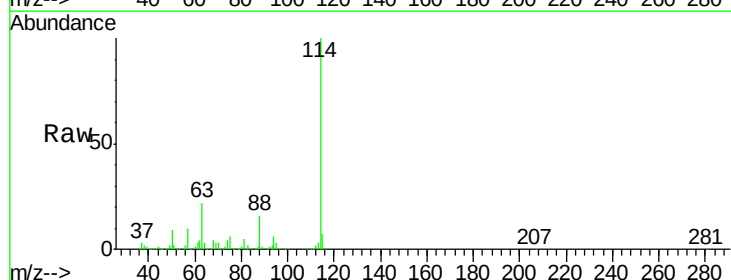
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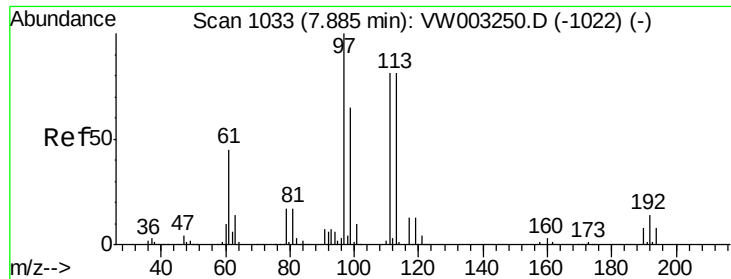
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003471.D
 Acq: 23 Jun 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.7	0.0	43.0	
88	16.2	0.0	29.6	





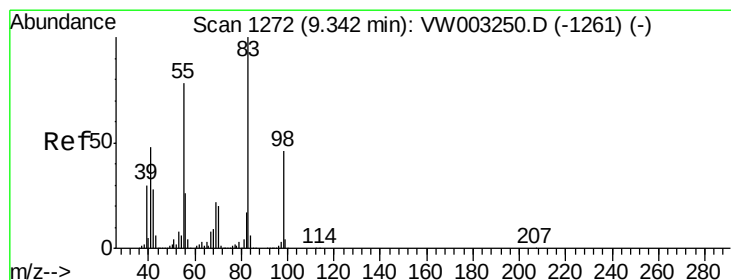
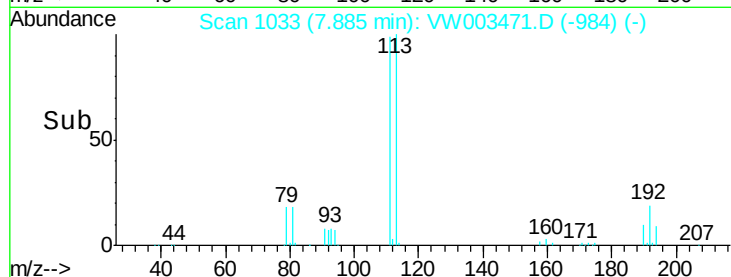
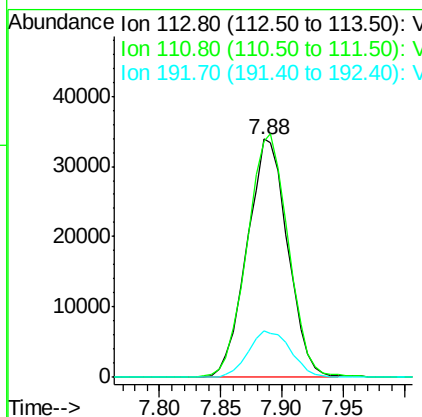
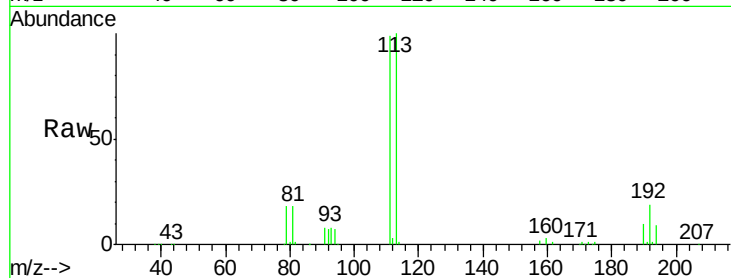
#35
Dibromofluoromethane
Concen: 35.52 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	20.3	16.2	24.2

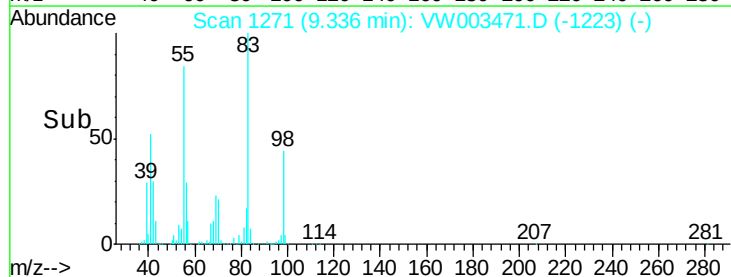
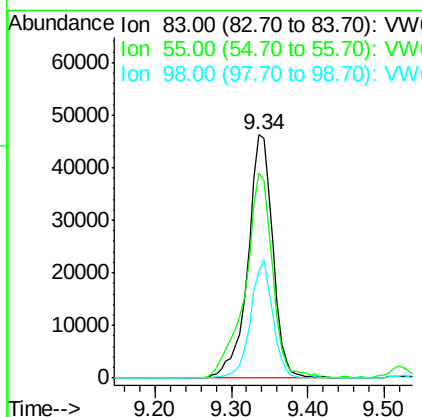
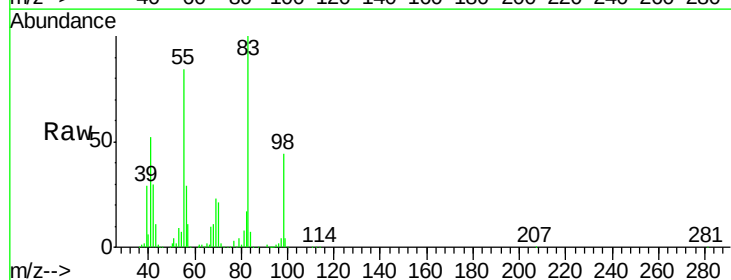
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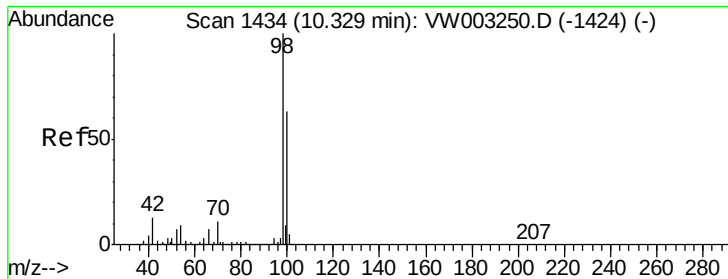
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#39
Methylcyclohexane
Concen: 26.49 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.0	62.6	93.8
98	43.9	37.0	55.4





#50

Toluene-d8

Concen: 34.68 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-23-25-180619

Tot Ion: 98 Resp: 303985

Ion Ratio Lower Upper

98 100

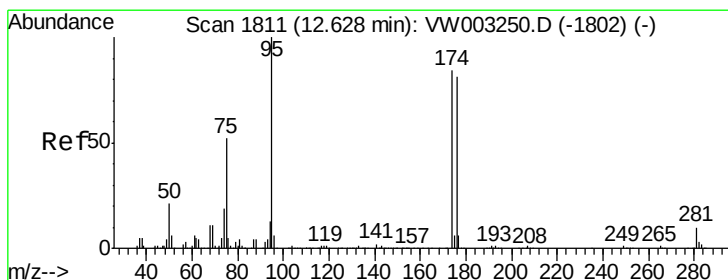
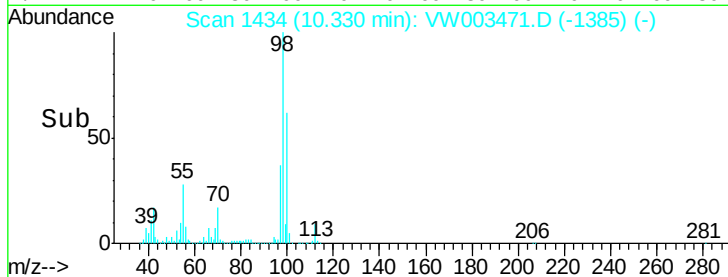
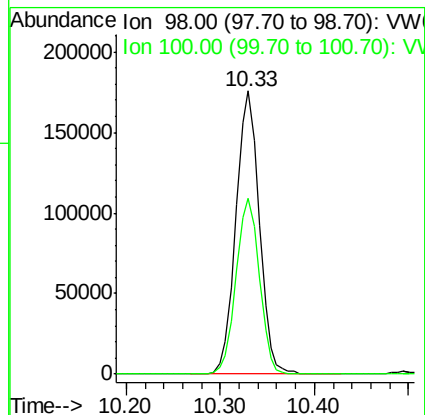
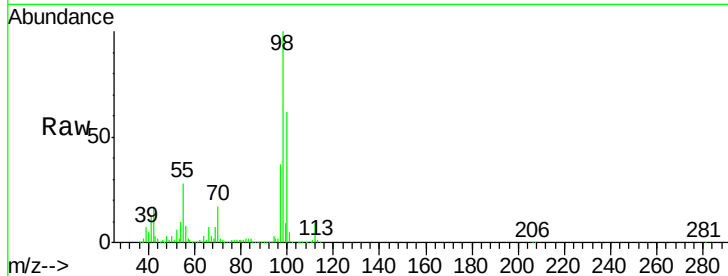
100 61.7 50.8 76.2

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#62

4-Bromofluorobenzene

Concen: 47.94 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

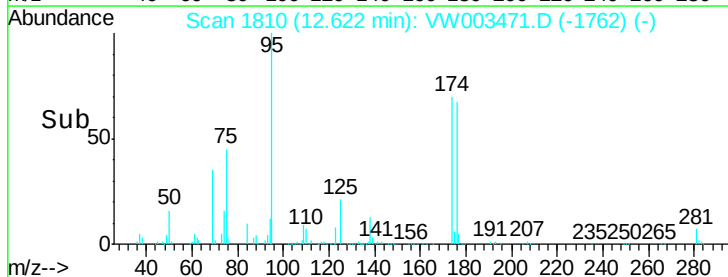
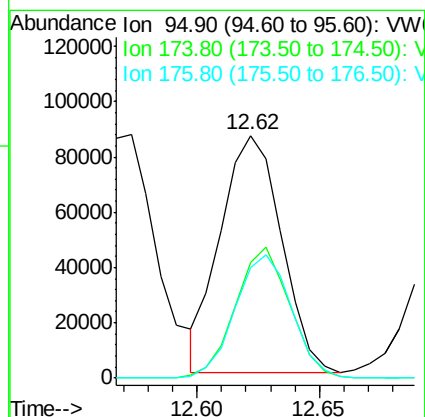
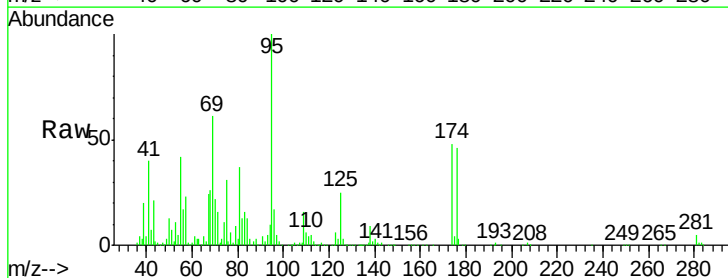
Tgt Ion: 95 Resp: 148731

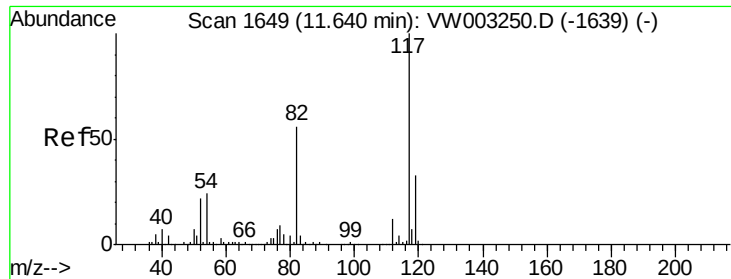
Ion Ratio Lower Upper

95 100

174 49.6 0.0 166.4

176 48.5 0.0 162.0





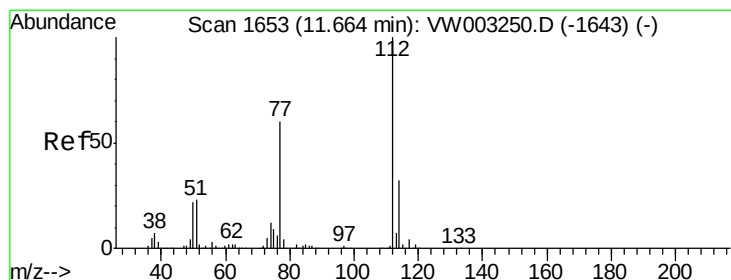
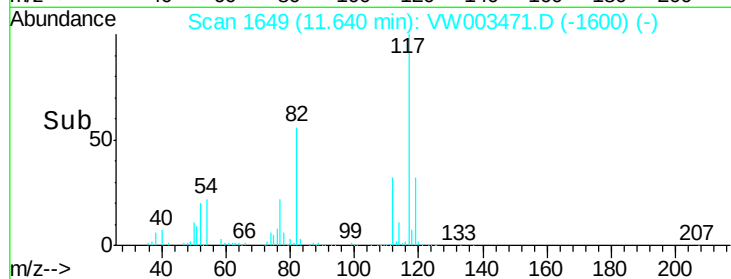
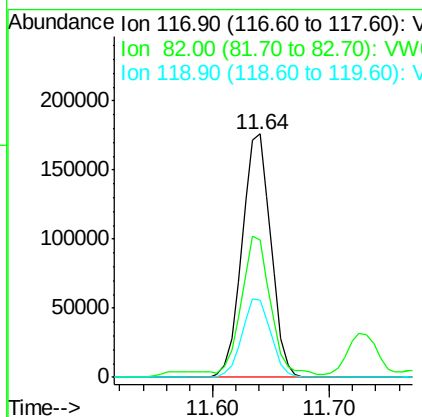
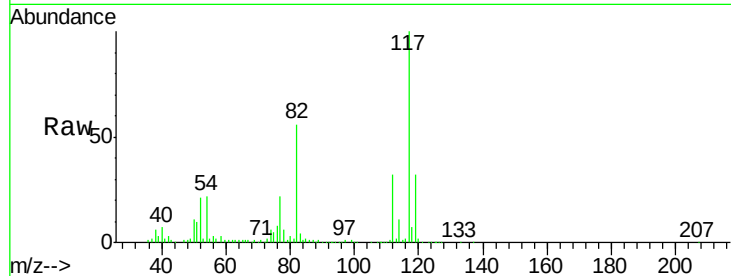
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

Tot Ion	Ratio	Resp	Lower	Upper
117	100	303828		
82	54.0		44.6	67.0
119	31.7		26.7	40.1

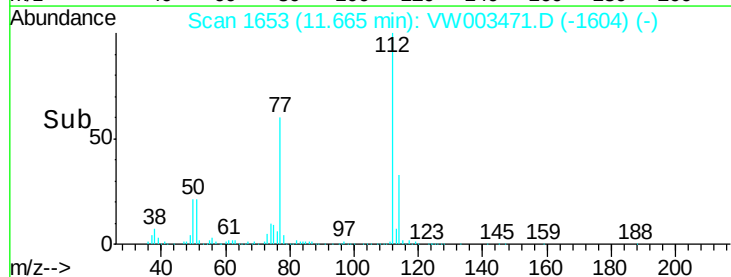
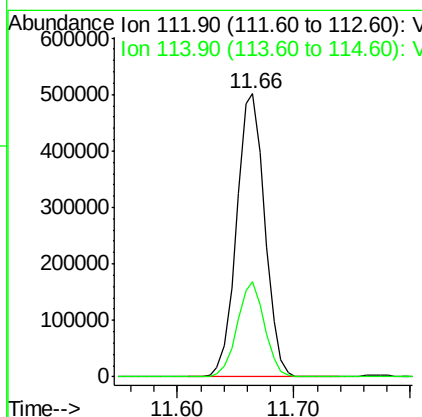
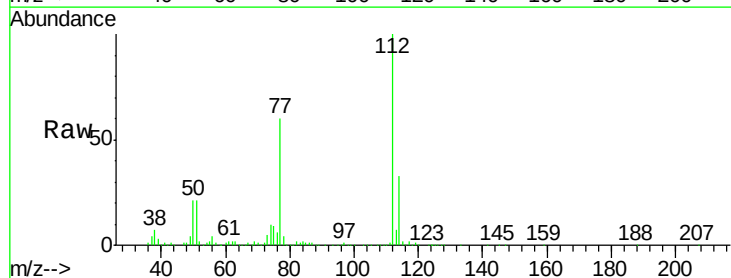
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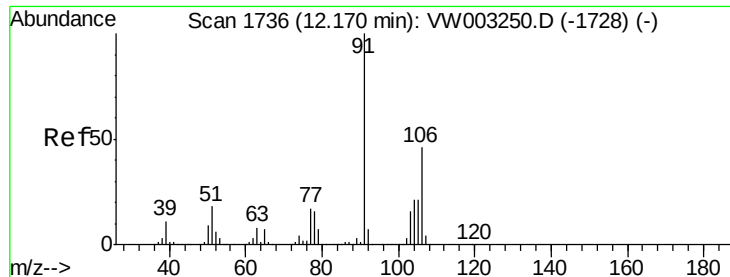
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#65
Chlorobenzene
Concen: 133.50 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	844640		
114	33.4		25.9	38.9





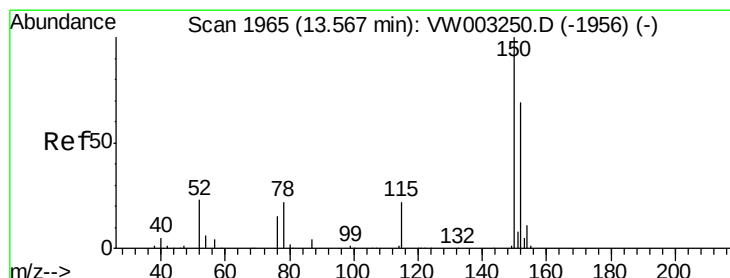
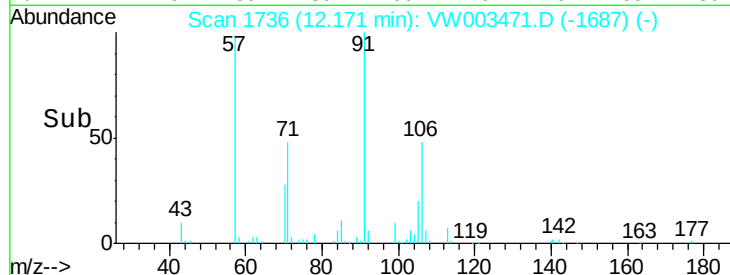
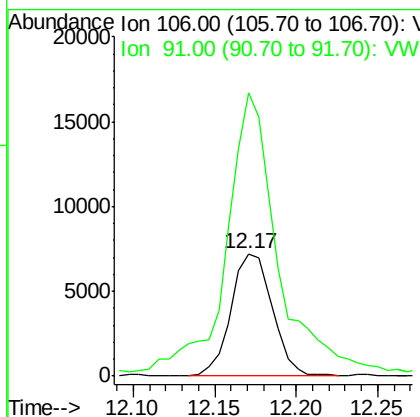
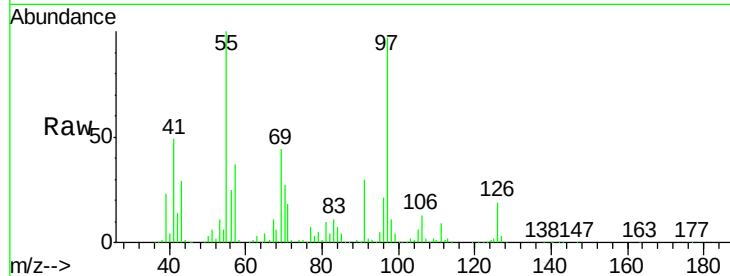
#69
o-Xylene
Concen: 3.23 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

Tot Ion:106 Resp: 12761
Ion Ratio Lower Upper
106 100
91 287.5 108.6 325.6

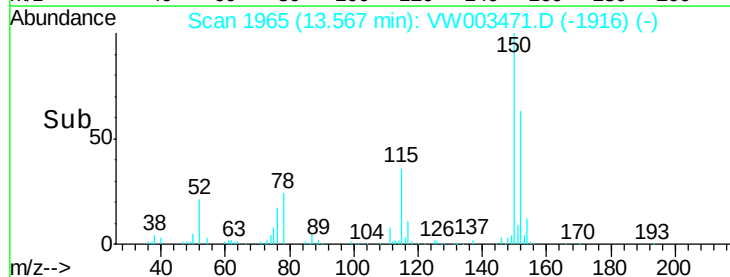
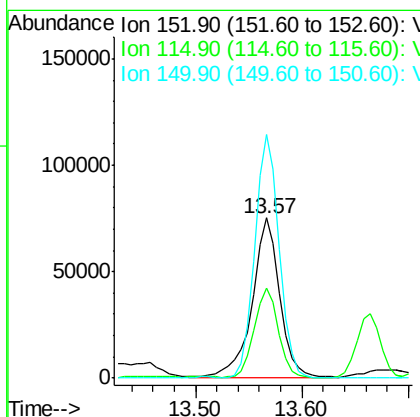
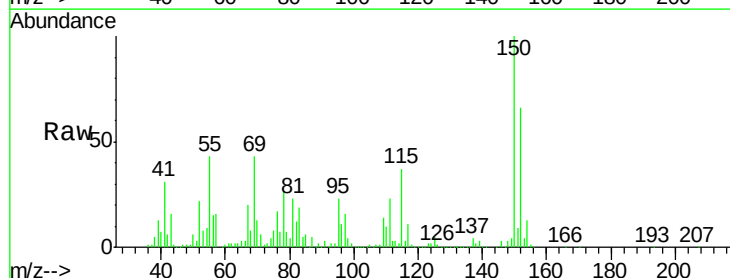
Manual Integrations
APPROVED

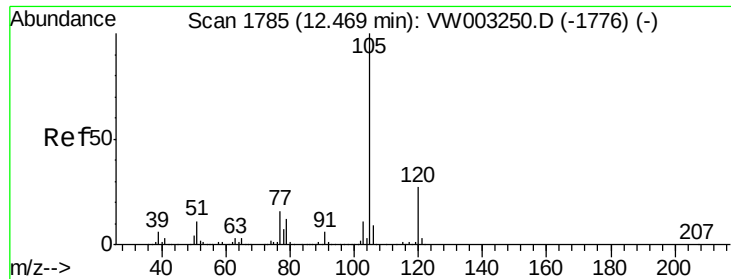
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003471.D
Acq: 23 Jun 2018 19:54

Tgt Ion:152 Resp: 135448
Ion Ratio Lower Upper
152 100
115 49.0 29.3 88.0
150 134.6 0.0 349.6





#73

Isopropylbenzene

Concen: 2.32 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-23-25-180619

Tot Ion:105 Resp: 21830

Ion Ratio Lower Upper

105 100

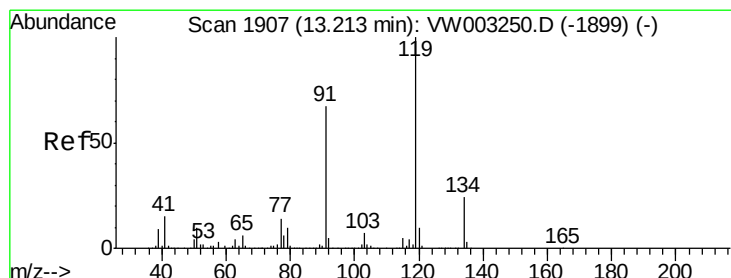
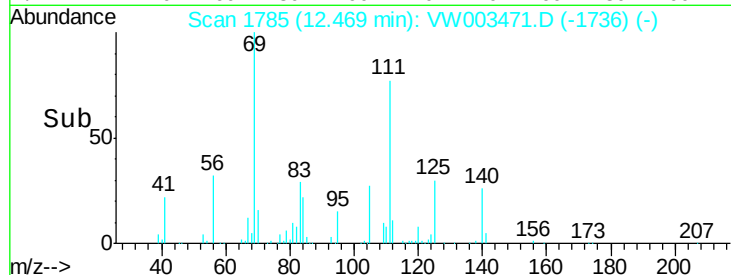
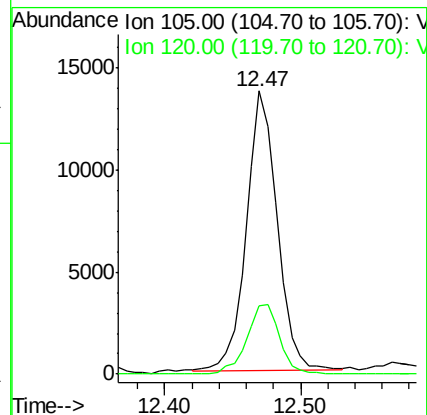
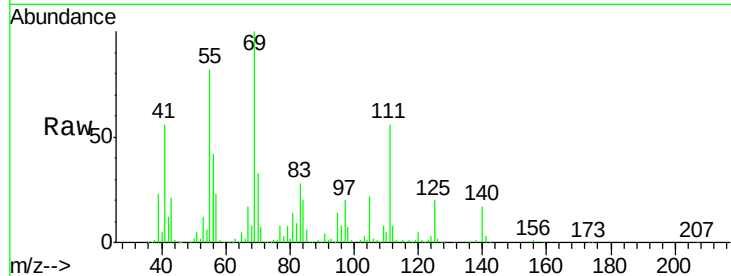
120 26.3 13.2 39.6

Manual Integrations

APPROVED

apatel

6/26/2018 10:54:40 AM



#83

tert-Butylbenzene

Concen: 18.83 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

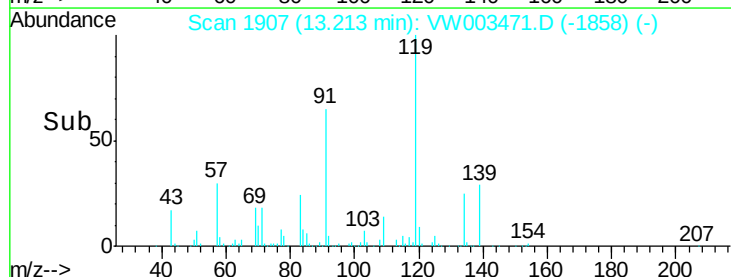
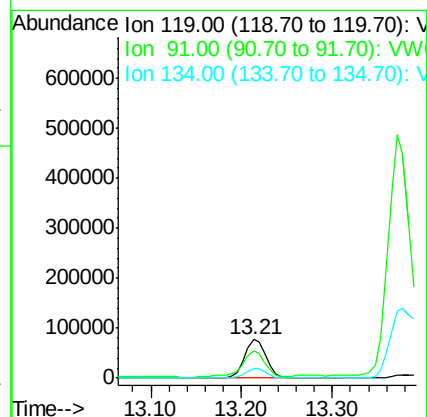
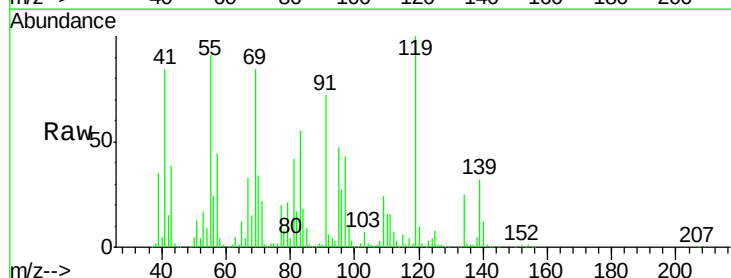
Tgt Ion:119 Resp: 126866

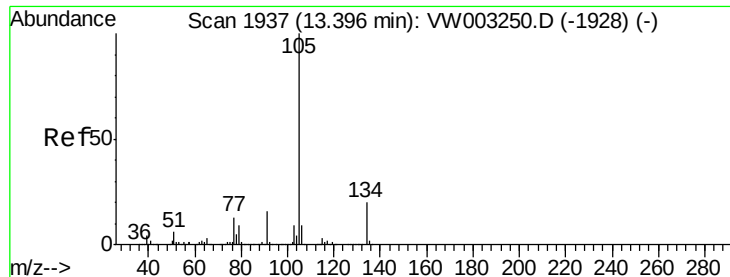
Ion Ratio Lower Upper

119 100

91 74.4 33.9 101.7

134 23.8 13.4 40.1





#85

sec-Butylbenzene

Concen: 69.64 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-23-25-180619

Tot Ion: 105 Resp: 697565

Ion Ratio Lower Upper

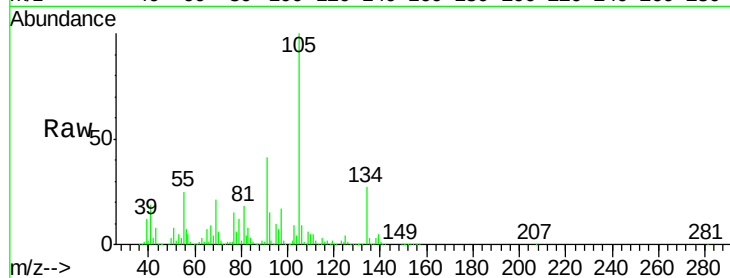
105 100

134 46.5 9.8 29.5#

Manual Integrations
APPROVED

apatel

6/26/2018 10:54:40 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

400000

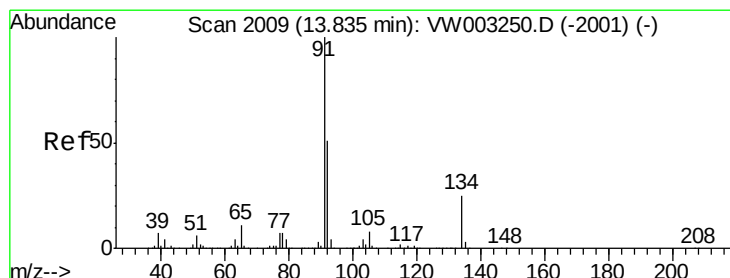
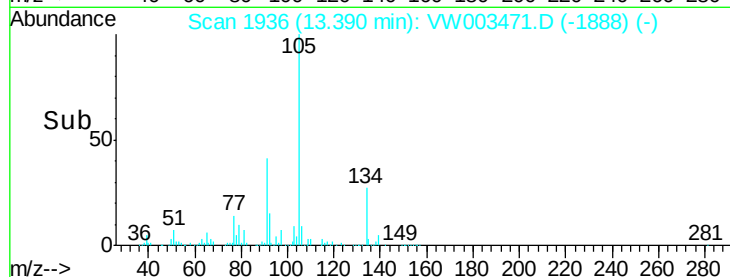
300000

200000

100000

0

Time-->



#89

n-Butylbenzene

Concen: 19.71 ug/l m

RT: 13.83 min Scan# 2008

Delta R.T. -0.01 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

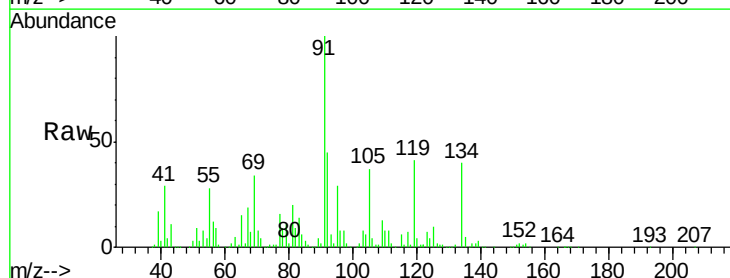
Tgt Ion: 91 Resp: 169761

Ion Ratio Lower Upper

91 100

92 67.1 26.0 78.0

134 0.0 12.7 38.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

13.83

150000

100000

50000

0

Time-->

