

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000768.D
 Acq On : 21 Nov 2019 15:20
 Operator : SY/MD
 Sample : K5957-05
 Misc : 5.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-3-(12.5-14.5)

Manual Integrations
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 11/23/2019 6:11:10 AM

Quant Time: Nov 22 04:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	336632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	610159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	525592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	170756	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.73	113	172392	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.18	98	705283	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.48	95	238891	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
Target Compounds						
30) Chloroform	7.51	83	8050	1.236	ug/l	84
78) n-propylbenzene	12.67	91	27262	1.314	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	63015	4.400	ug/l	97
84) 1,2,4-Trimethylbenzene	13.11	105	109739	7.695	ug/l	97
85) sec-Butylbenzene	13.25	105	29521	1.694	ug/l #	70
86) p-Isopropyltoluene	13.36	119	17703	1.140	ug/l	98
89) n-Butylbenzene	13.69	91	36187m	2.363	ug/l	
95) Naphthalene	15.23	128	12350	1.179	ug/l #	90

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

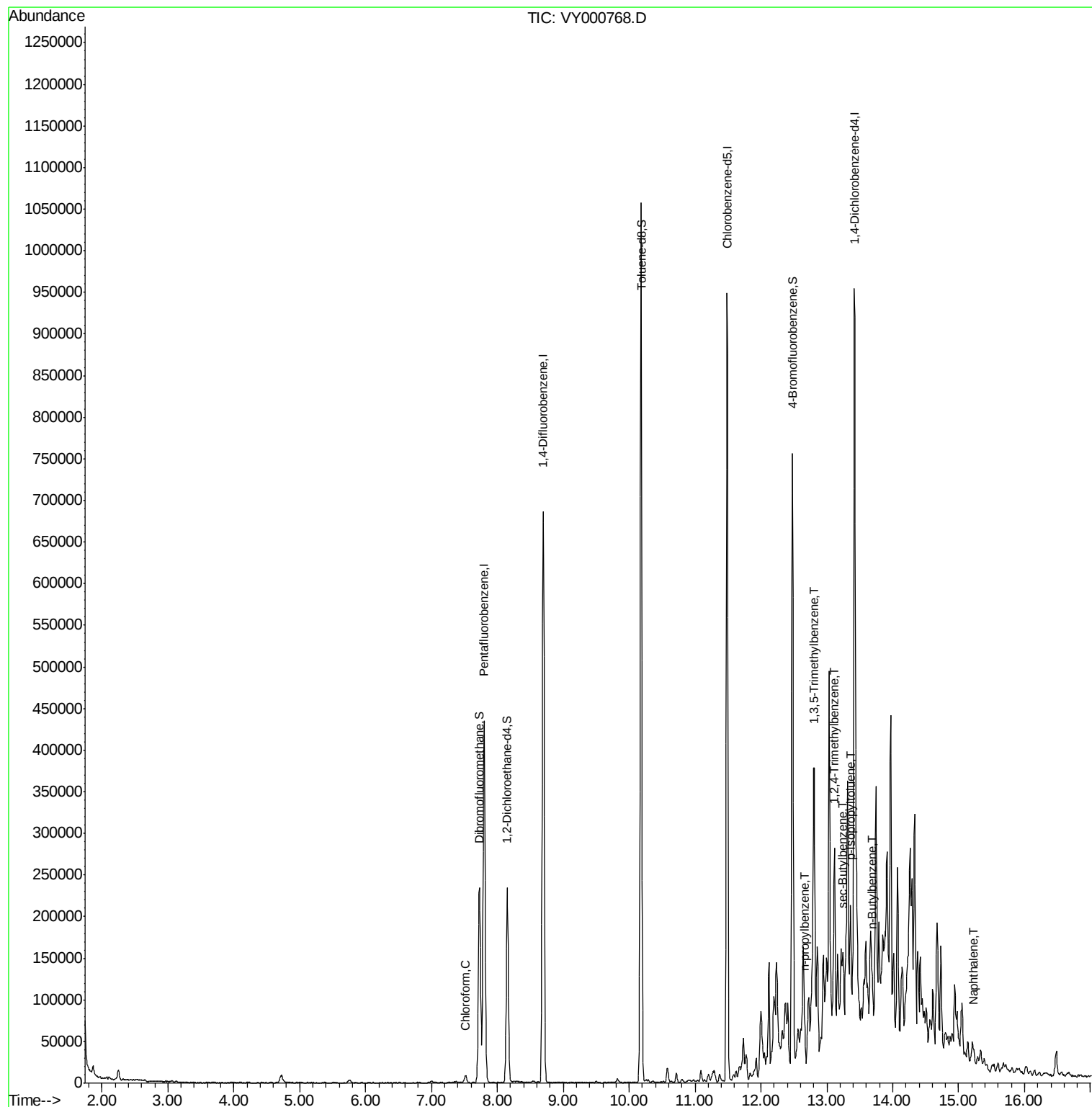
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000768.D
Acq On : 21 Nov 2019 15:20
Operator : SY/MD
Sample : K5957-05
Misc : 5.31G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

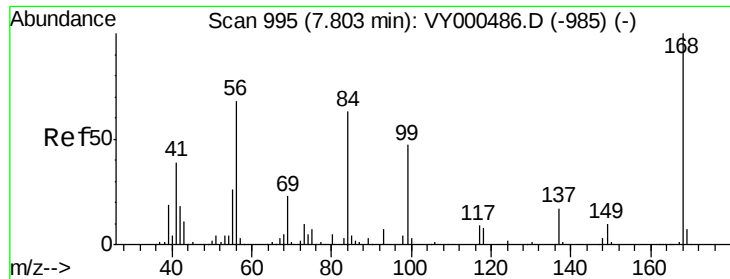
Instrument :
MSVOA_Y
ClientSampleId :
MW-3-(12.5-14.5)

Manual Integrations
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Quant Time: Nov 22 04:31:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000768.D

Acq: 21 Nov 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-3-(12.5-14.5)

Tot Ion:168 Resp: 336632

Ion Ratio Lower Upper

168 100

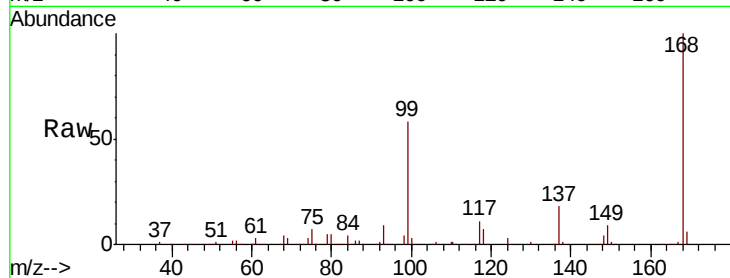
99 57.5 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

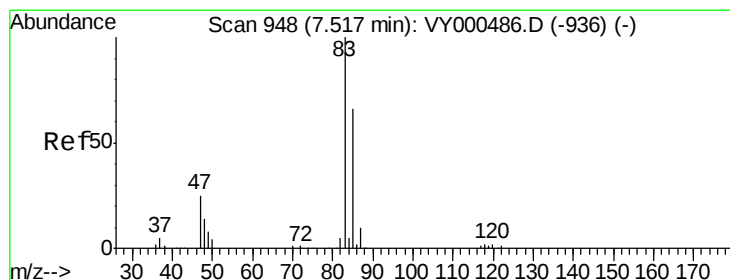
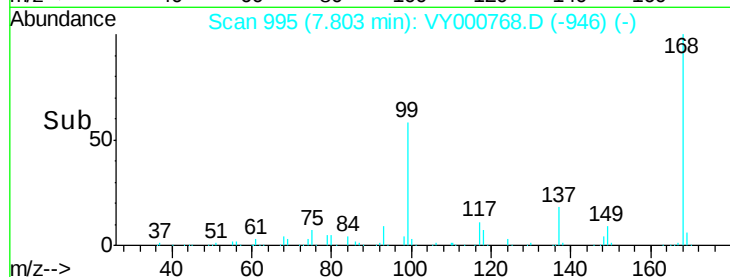
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.236 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000768.D

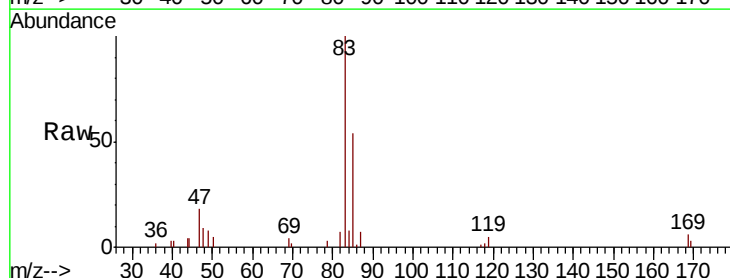
Acq: 21 Nov 2019 15:20

Tgt Ion: 83 Resp: 8050

Ion Ratio Lower Upper

83 100

85 53.5 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY000486.D (-936) (-)

Ion 84.90 (84.60 to 85.60): VY000486.D (-936) (-)

7.51

4000

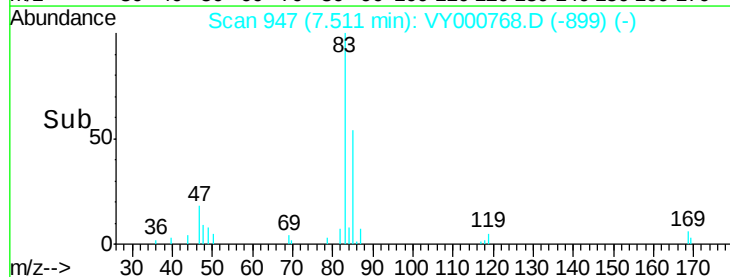
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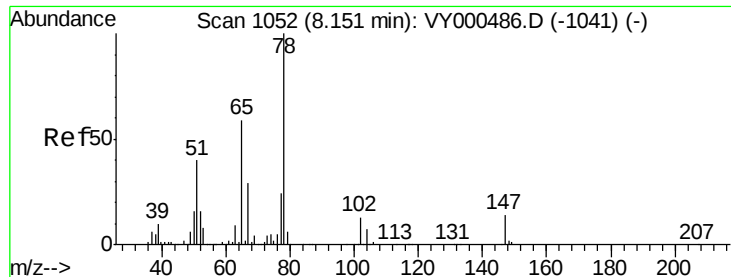
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Time-->





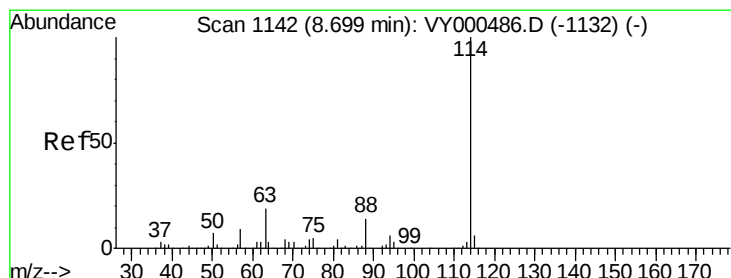
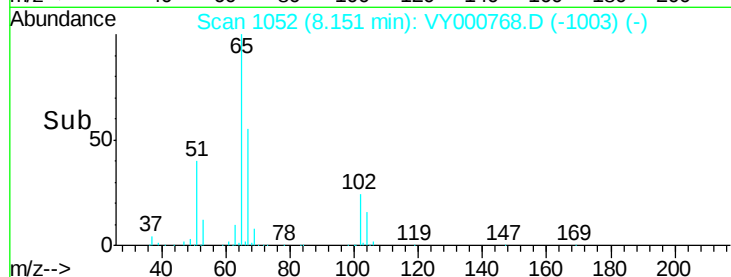
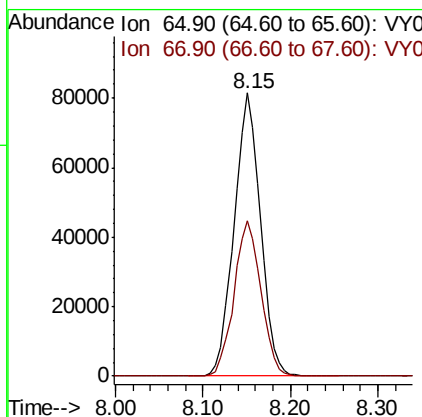
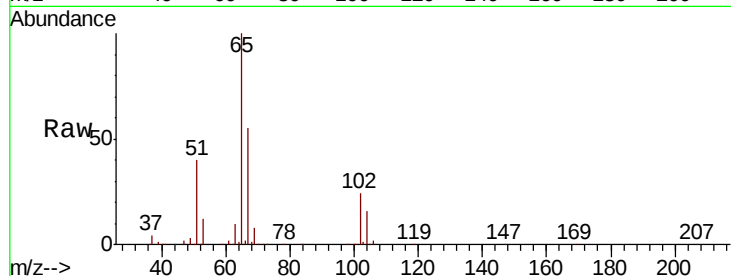
#33
 1,2-Dichloroethane-d4
 Concen: 49.016 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000768.D
 Acq: 21 Nov 2019 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-3-(12.5-14.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170756		
67	55.9	0.0	107.2	

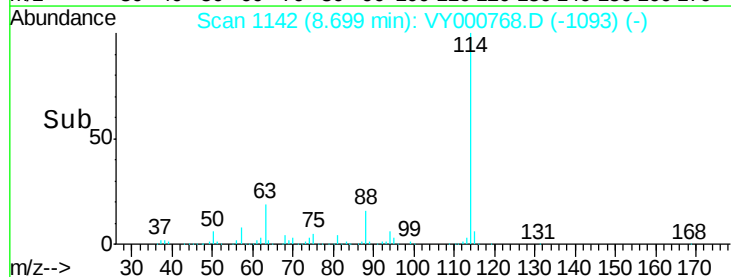
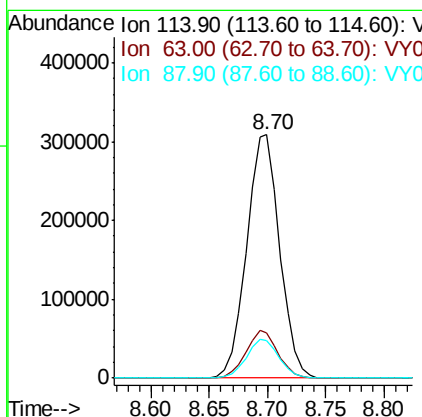
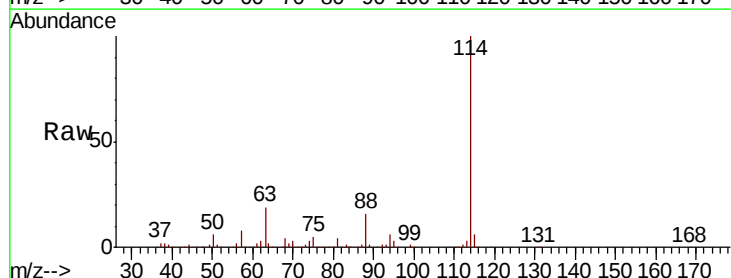
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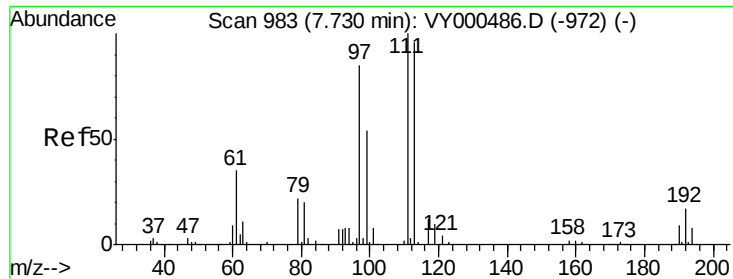
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000768.D
 Acq: 21 Nov 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	610159		
63	18.7	0.0	38.0	
88	15.6	0.0	28.6	





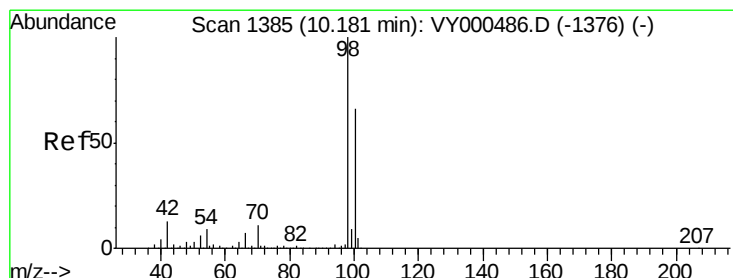
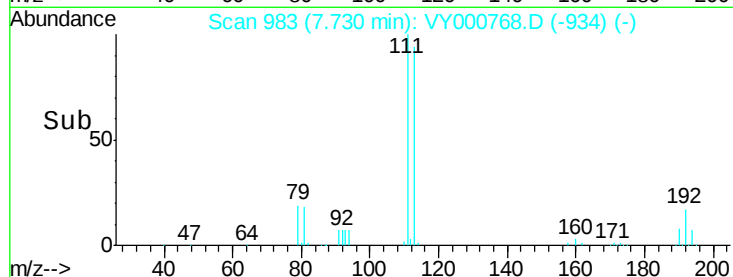
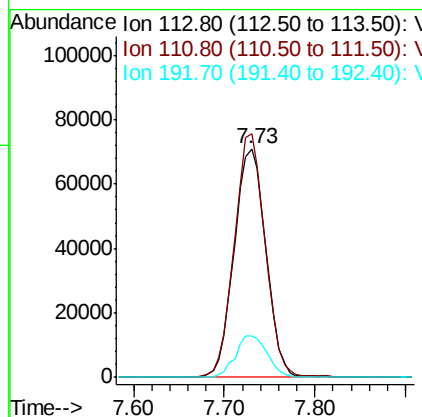
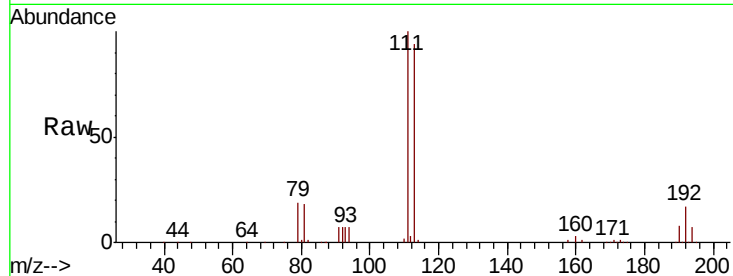
#35
Dibromofluoromethane
Concen: 48.127 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000768.D
Acq: 21 Nov 2019 15:20

Instrument :
MSVOA_Y
ClientSampleId :
MW-3-(12.5-14.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.7	122.5
192	18.5	15.0	22.4

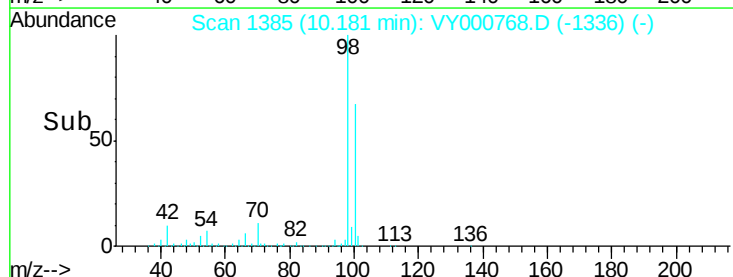
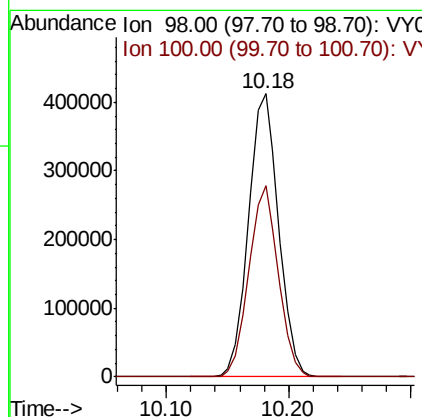
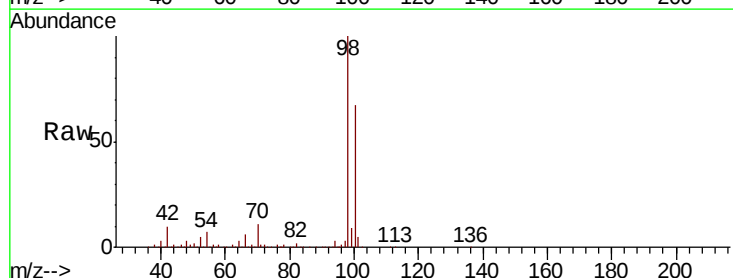
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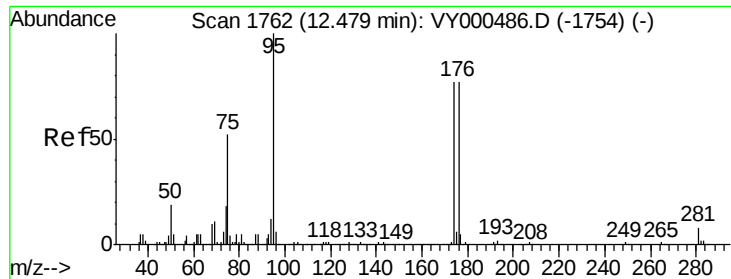
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#50
Toluene-d8
Concen: 51.890 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000768.D
Acq: 21 Nov 2019 15:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





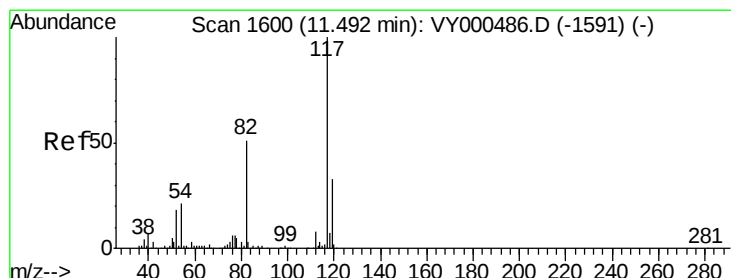
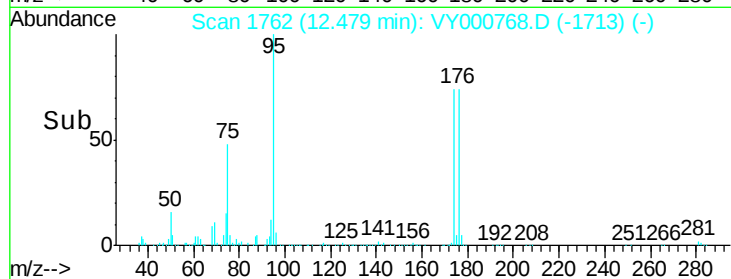
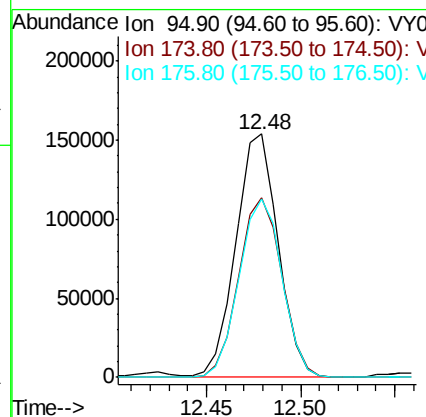
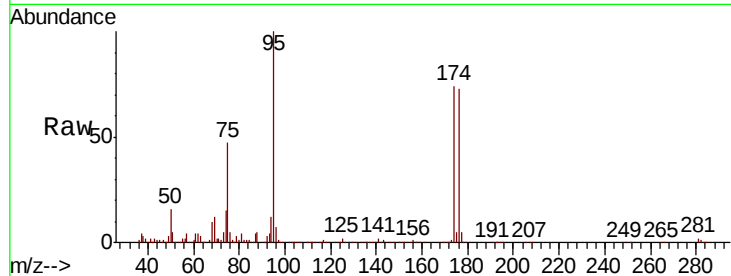
#62
4-Bromofluorobenzene
Concen: 46.168 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000768.D
Acq: 21 Nov 2019 15:20

Instrument :
MSVOA_Y
ClientSampleId :
MW-3-(12.5-14.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	238891		
174	75.7	0.0	161.6	
176	74.7	0.0	157.8	

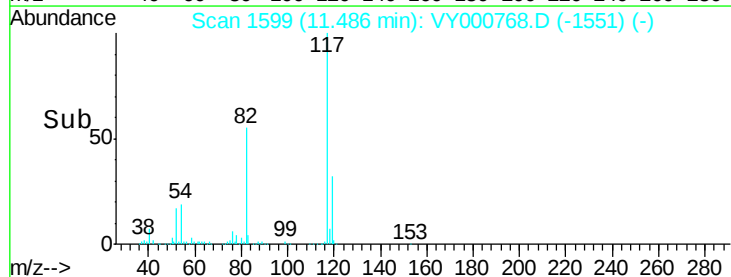
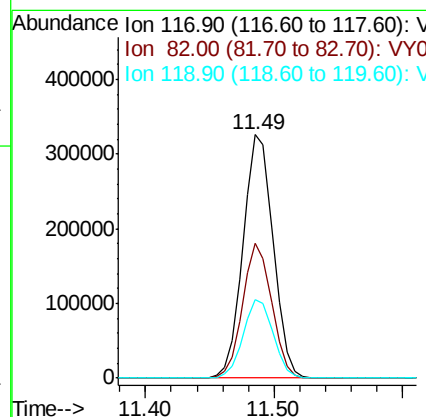
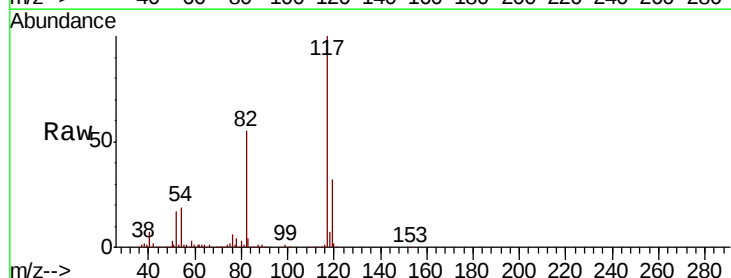
Manual Integrations
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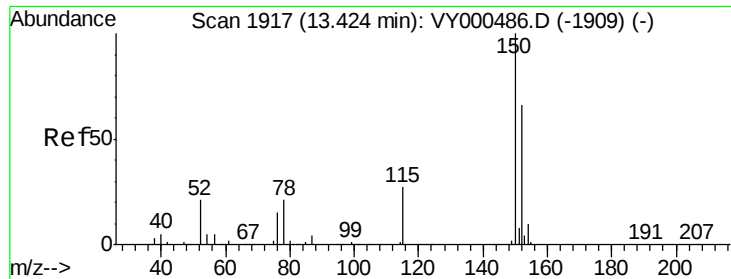
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000768.D
Acq: 21 Nov 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	525592		
82	55.2	40.8	61.2	
119	32.2	26.2	39.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000768.D

Acq: 21 Nov 2019 15:20

Instrument :

MSVOA_Y

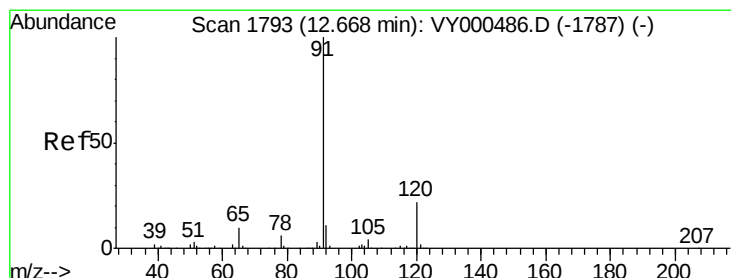
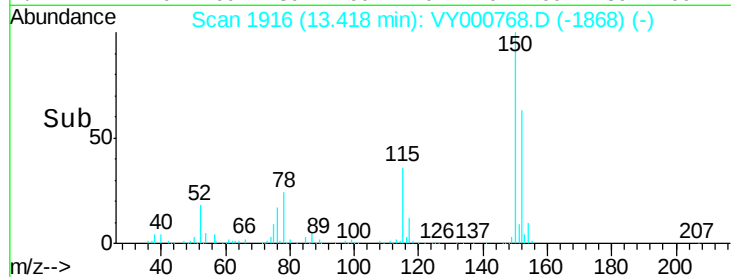
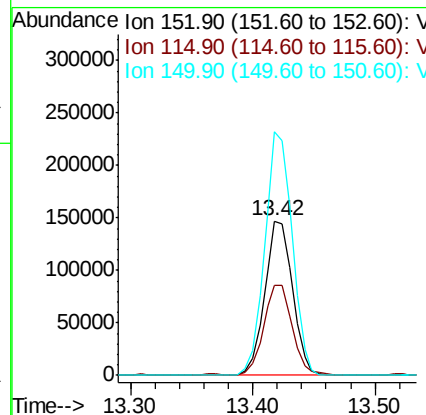
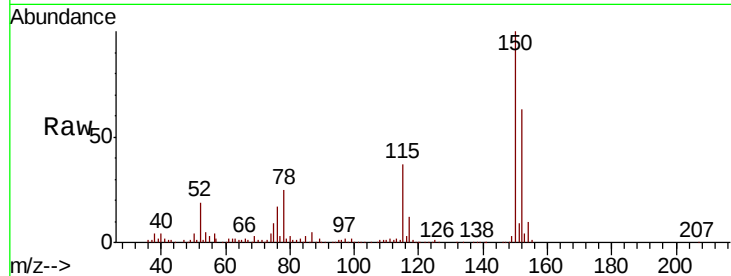
ClientSampleId :

MW-3-(12.5-14.5)

Tot Ion:	152	Resp:	232683
Ion Ratio	Lower	Upper	
152	100		
115	60.1	29.1	87.4
150	155.6	0.0	348.8

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#78

n-propylbenzene

Concen: 1.314 ug/l

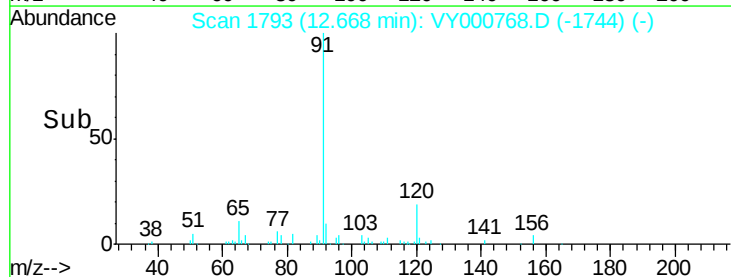
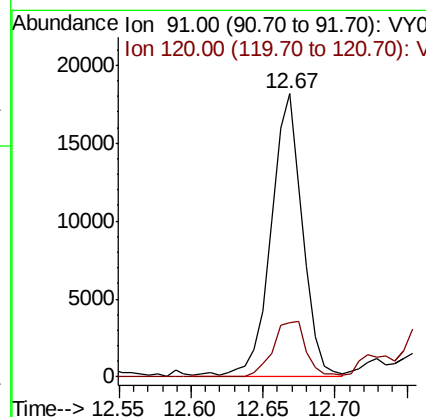
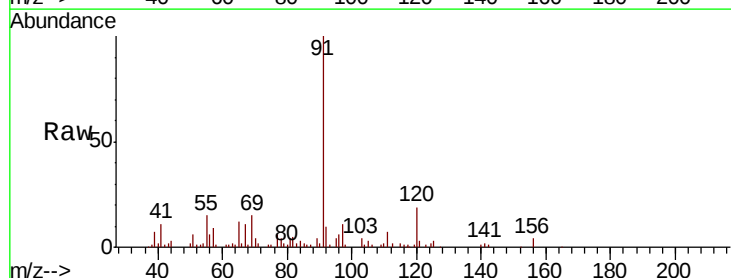
RT: 12.67 min Scan# 1793

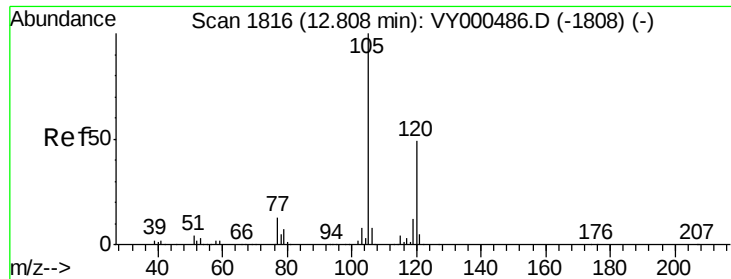
Delta R.T. 0.00 min

Lab File: VY000768.D

Acq: 21 Nov 2019 15:20

Tgt Ion:	91	Resp:	27262
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.4	34.1





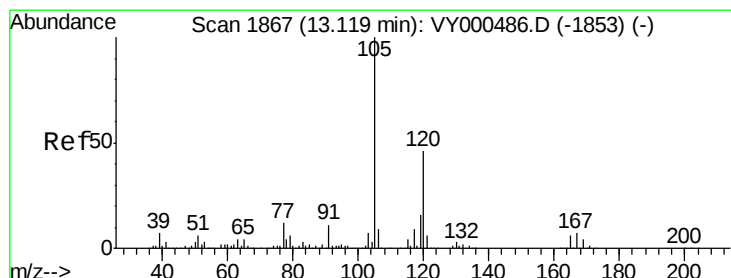
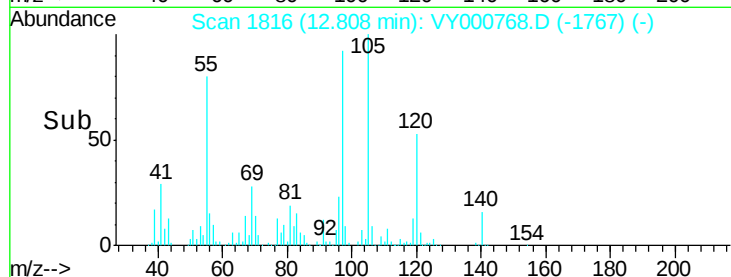
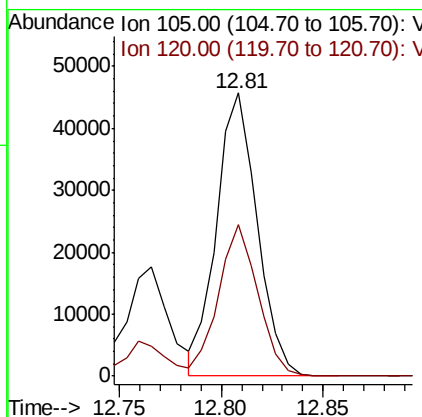
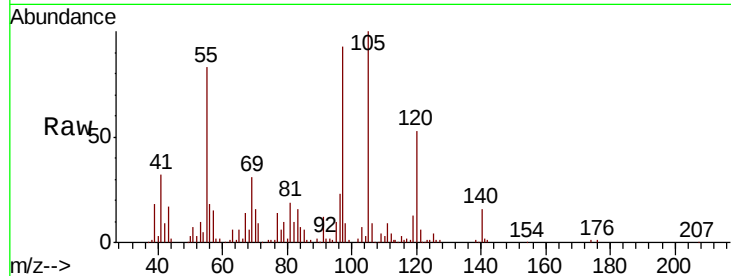
#80
 1,3,5-Trimethylbenzene
 Concen: 4.400 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000768.D
 Acq: 21 Nov 2019 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-3-(12.5-14.5)

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.9	24.9	74.8

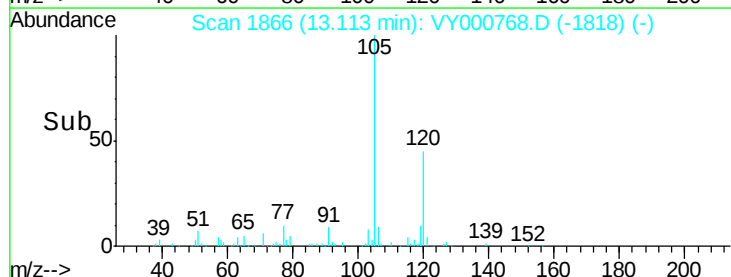
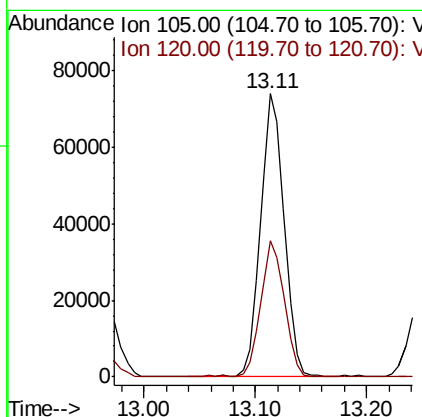
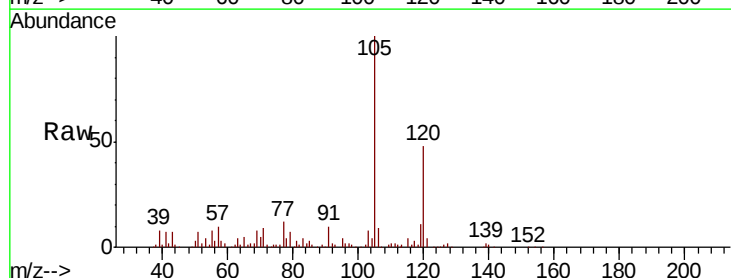
Manual Integrations
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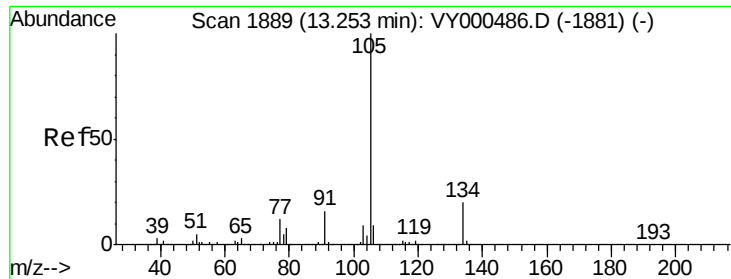
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#84
 1,2,4-Trimethylbenzene
 Concen: 7.695 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000768.D
 Acq: 21 Nov 2019 15:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.3	69.9





#85

sec-Butylbenzene

Concen: 1.694 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000768.D

Acq: 21 Nov 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-3-(12.5-14.5)

Tot Ion:105 Resp: 29521

Ion Ratio Lower Upper

105 100

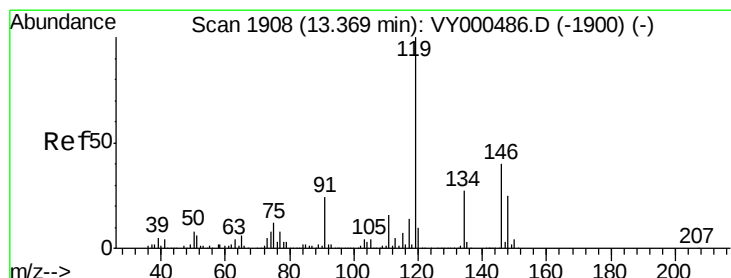
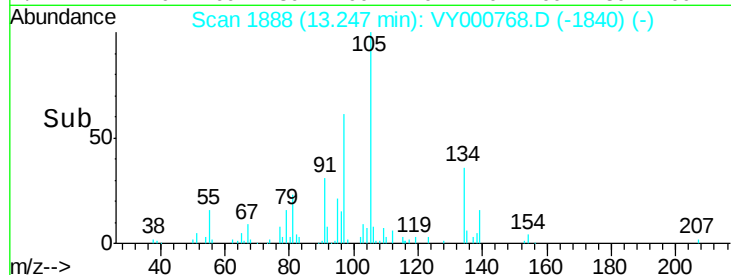
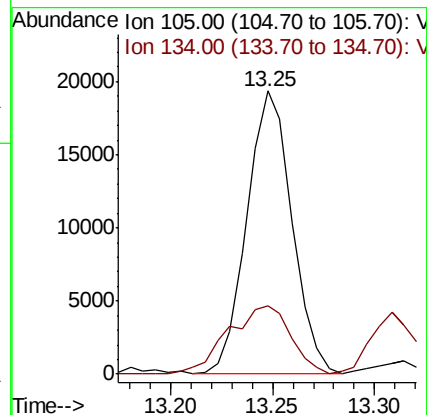
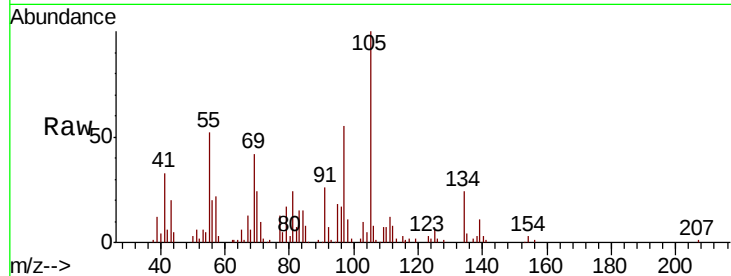
134 34.0 10.1 30.1#

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 1.140 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000768.D

Acq: 21 Nov 2019 15:20

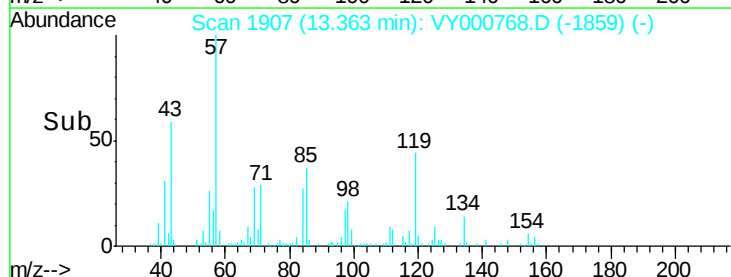
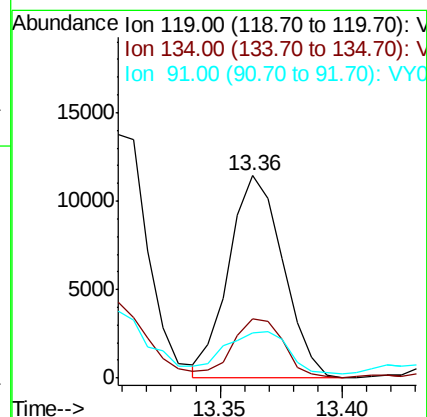
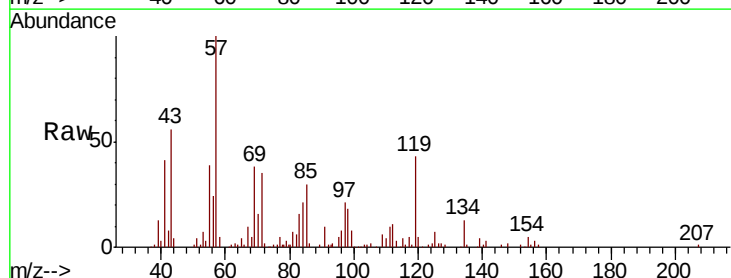
Tgt Ion:119 Resp: 17703

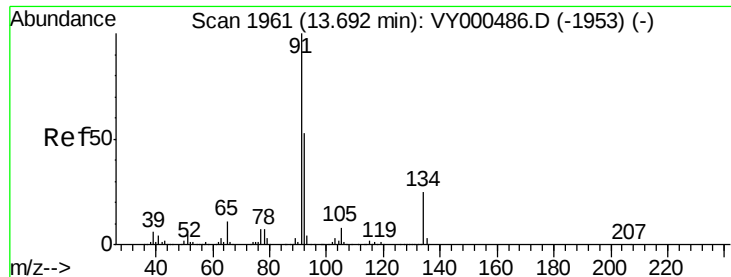
Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

91 23.0 12.0 36.1





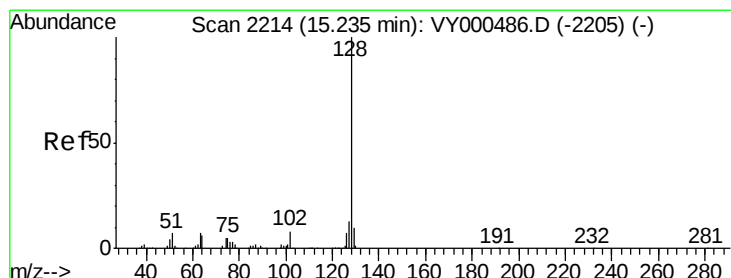
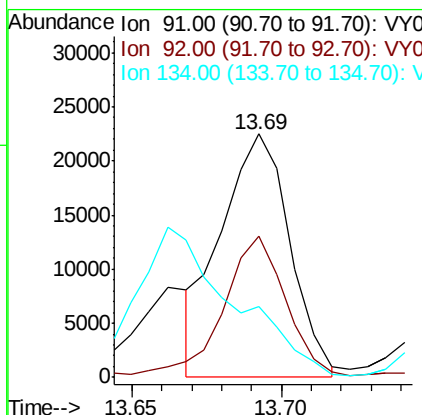
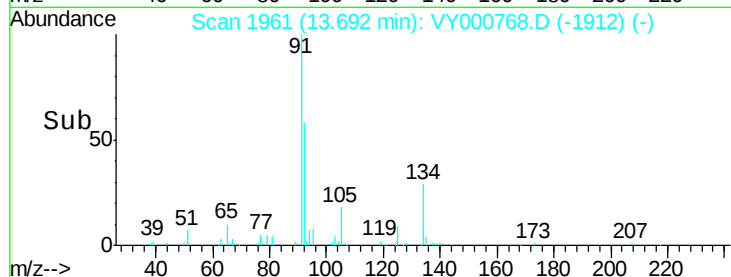
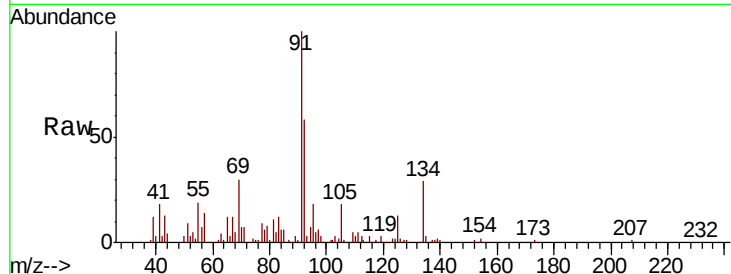
#89
n-Butylbenzene
Concen: 2.363 ug/l m
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000768.D
Acq: 21 Nov 2019 15:20

Instrument :
MSVOA_Y
ClientSampleId :
MW-3-(12.5-14.5)

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.8	80.3
134	0.0	12.9	38.7#

Manual Integrations
APPROVED

MMDadoda
11/23/2019 6:11:10 AM



#95
Naphthalene
Concen: 1.179 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000768.D
Acq: 21 Nov 2019 15:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.9	9.8	14.6#
129	12.3	8.7	13.1

