

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005111.D
 Acq On : 05 Sep 2018 06:24
 Operator : SY/AP
 Sample : J4693-03
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(15-20)

Manual Integrations
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Quant Time: Sep 05 11:44:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	527170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	894088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	978577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	457849	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	197948	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
35) Dibromofluoromethane	7.89	113	188726	36.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.06%	
50) Toluene-d8	10.33	98	818940	34.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.80%	
62) 4-Bromofluorobenzene	12.62	95	336028	40.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	17468	19.93	ug/l	96
30) Chloroform	7.68	83	32341	3.62	ug/l	93
73) Isopropylbenzene	12.47	105	93921	2.91	ug/l	98
78) n-propylbenzene	12.81	91	341559	8.76	ug/l	98
83) tert-Butylbenzene	13.21	119	48024m	2.06	ug/l	
84) 1,2,4-Trimethylbenzene	13.26	105	1898707	66.78	ug/l	98
85) sec-Butylbenzene	13.39	105	349443	10.20	ug/l #	76
86) p-Isopropyltoluene	13.51	119	138343	4.56	ug/l	99
89) n-Butylbenzene	13.83	91	216489m	7.70	ug/l	

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

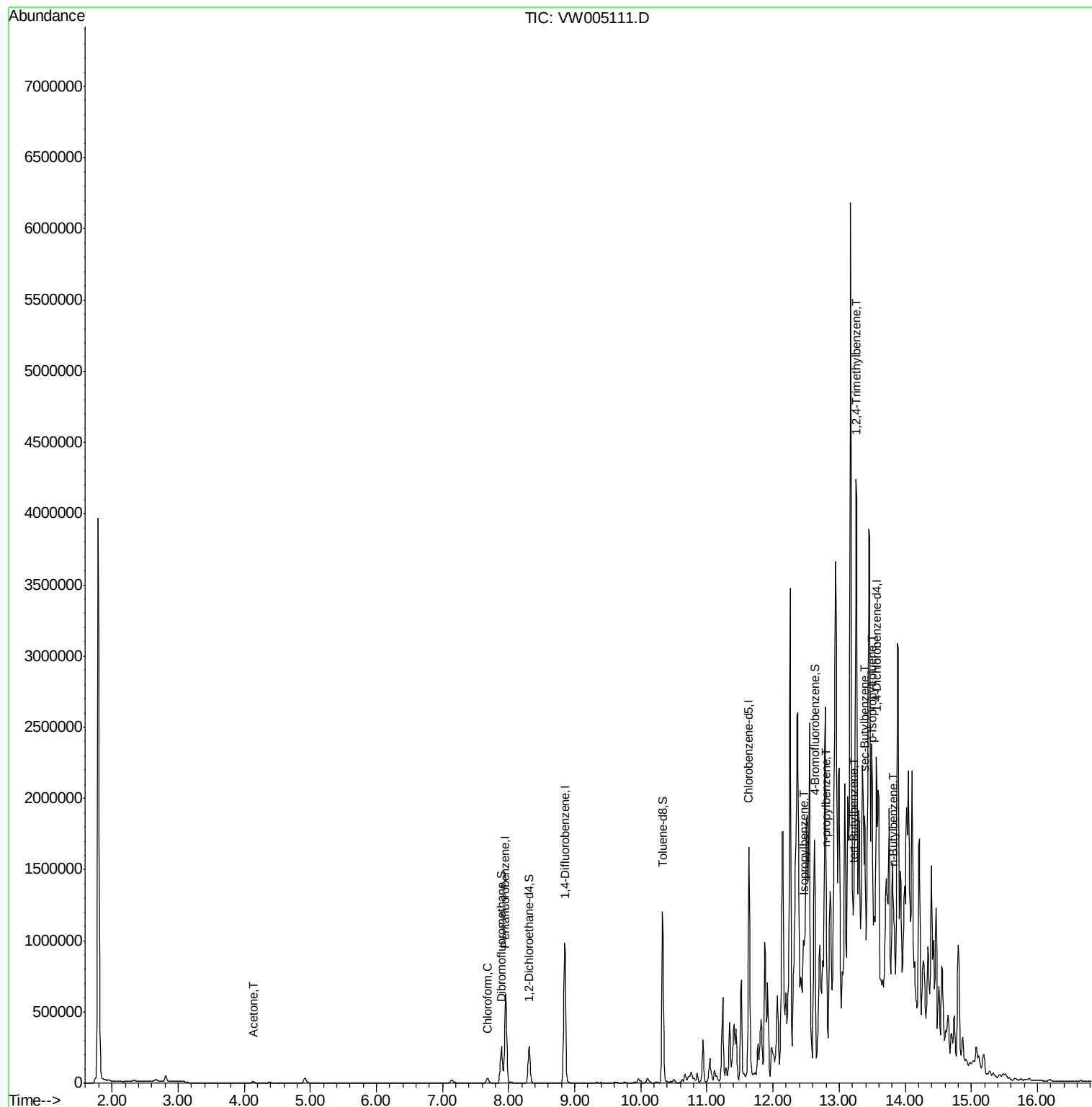
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

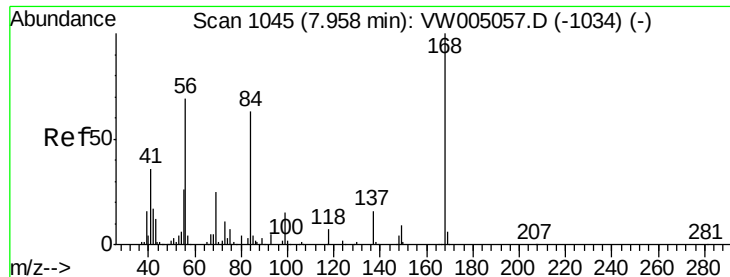
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

Manual Integrations
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Quant Time: Sep 05 11:44:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005111.D

Acq: 05 Sep 2018 06:24

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(15-20)

Tot Ion:168 Resp: 527170

Ion Ratio Lower Upper

168 100

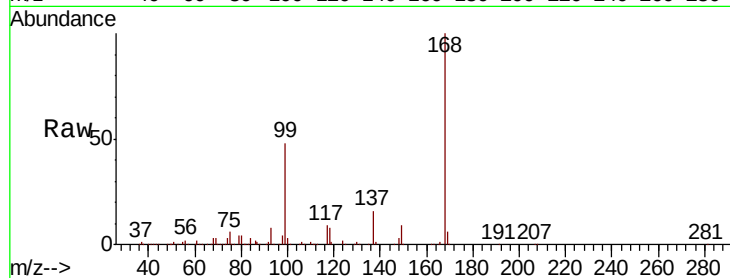
99 48.3 39.4 59.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

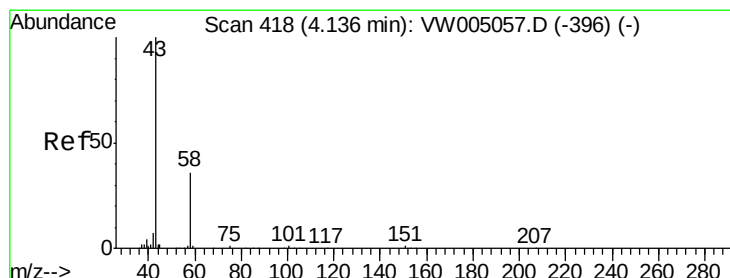
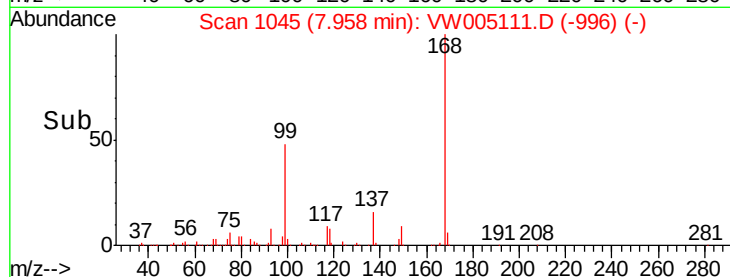
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50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 19.93 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005111.D

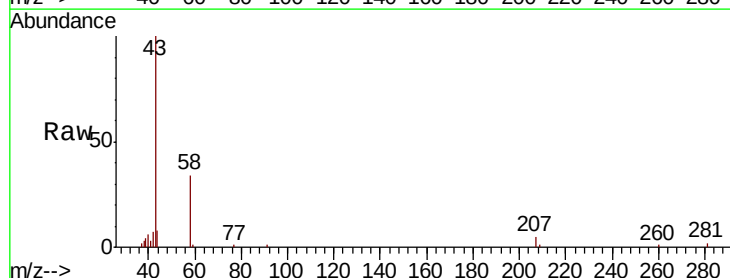
Acq: 05 Sep 2018 06:24

Tgt Ion: 43 Resp: 17468

Ion Ratio Lower Upper

43 100

58 34.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

6000

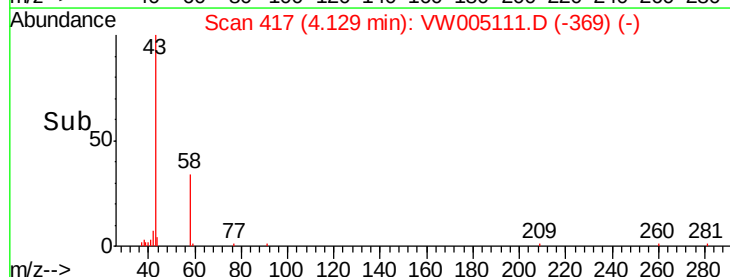
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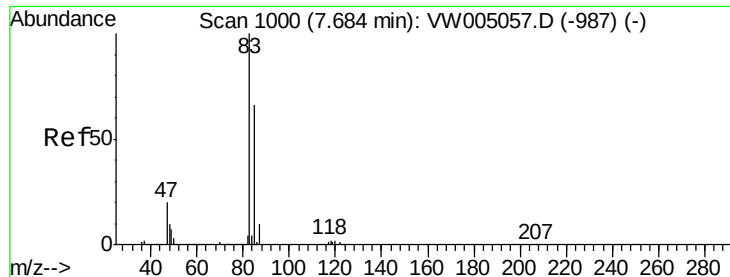
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0

4.00 4.10 4.20

Time-->





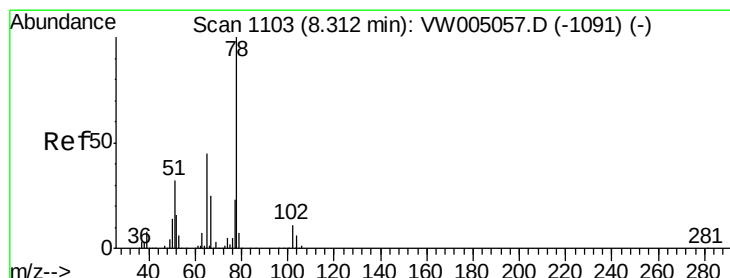
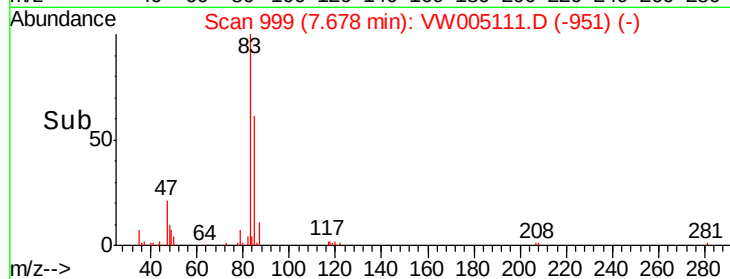
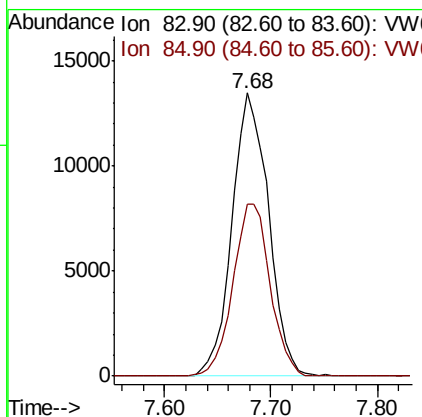
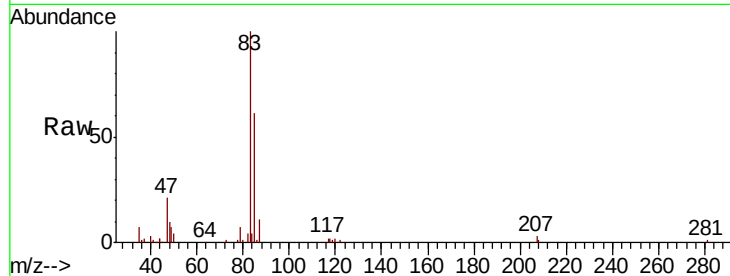
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Chloroform
Concen: 3.62 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.01 min
Lab File: VW005111.D
Acq: 05 Sep 2018 06:24

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

Tot Ion	83	Resp	32341
Ion Ratio	Lower	Upper	
83	100		
85	60.7	53.1	79.7

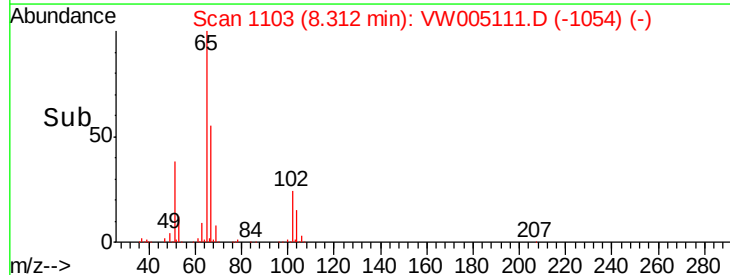
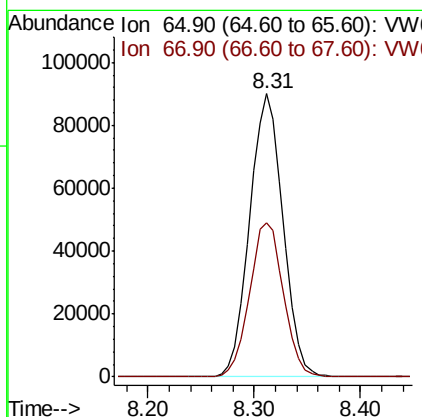
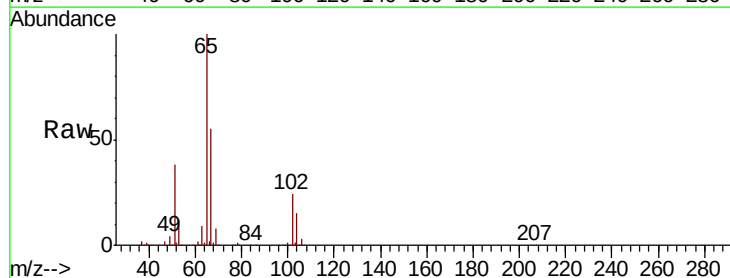
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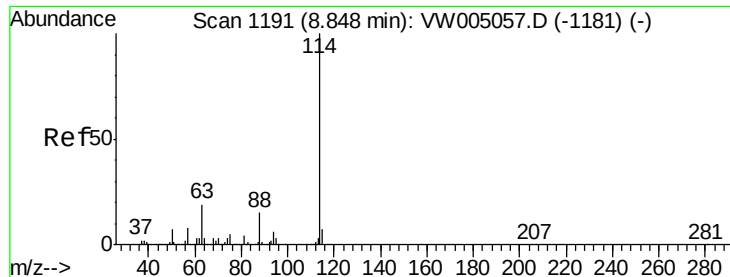
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#33
1,2-Dichloroethane-d4
Concen: 45.30 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005111.D
Acq: 05 Sep 2018 06:24

Tgt Ion	65	Resp	197948
Ion Ratio	Lower	Upper	
65	100		
67	55.3	0.0	109.4





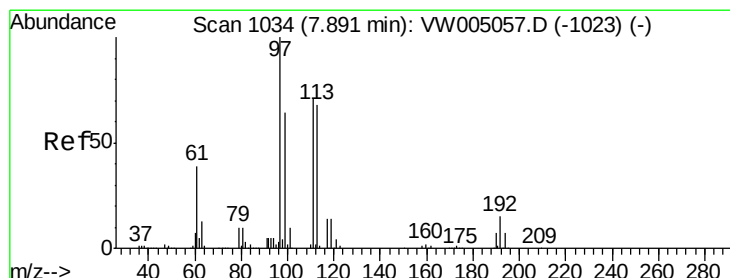
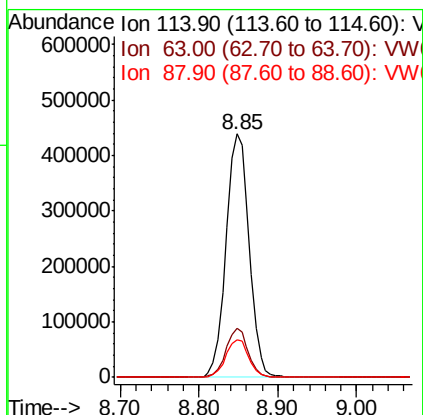
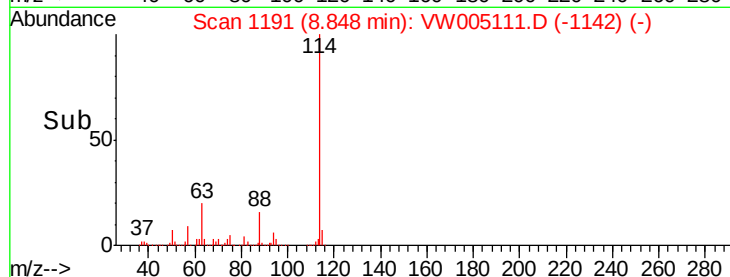
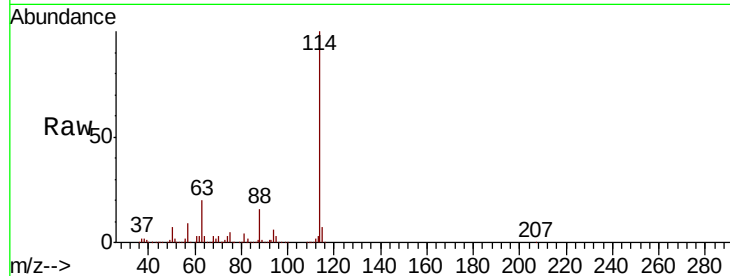
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005111.D
 Acq: 05 Sep 2018 06:24

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(15-20)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	894088		
63	19.9		0.0	38.0
88	15.7		0.0	30.2

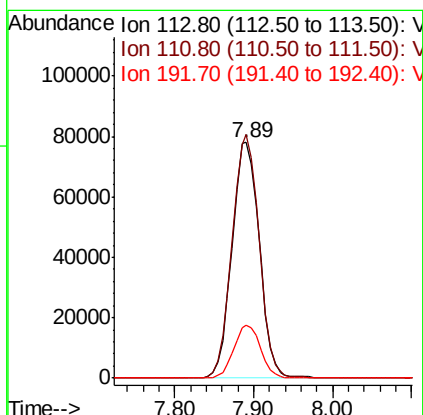
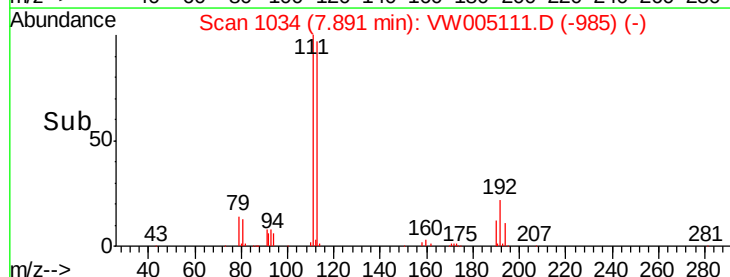
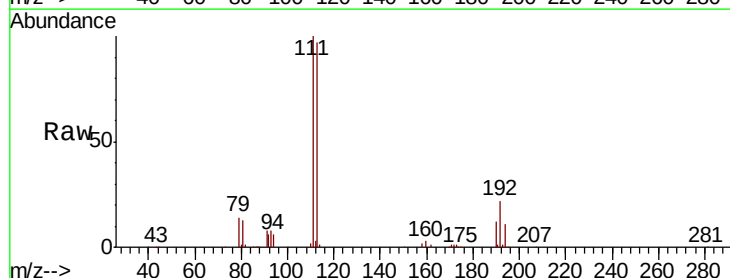
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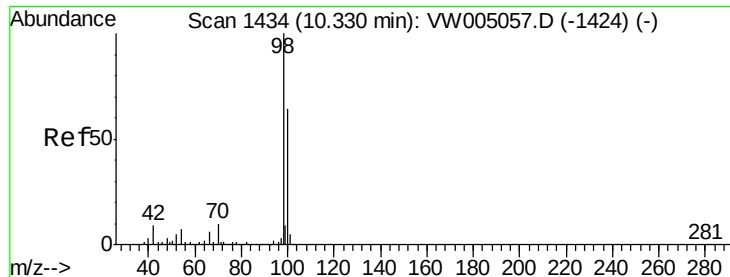
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#35
 Dibromofluoromethane
 Concen: 36.53 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005111.D
 Acq: 05 Sep 2018 06:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	188726		
111	102.1		82.2	123.2
192	22.1		18.1	27.1





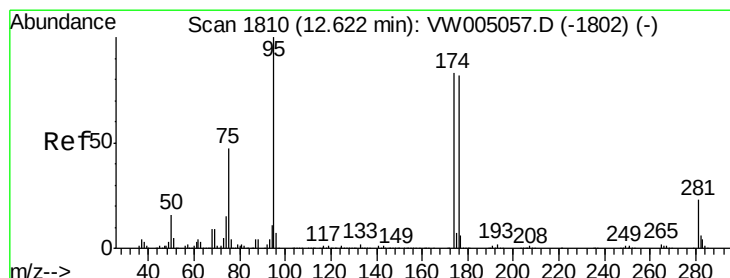
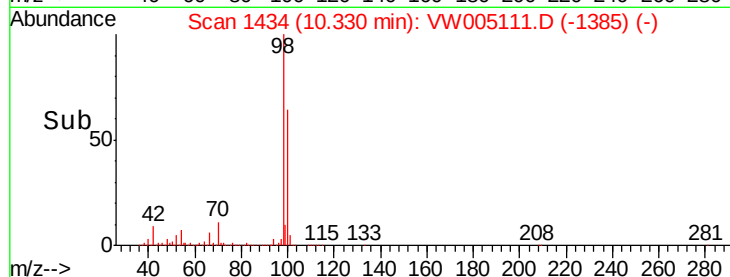
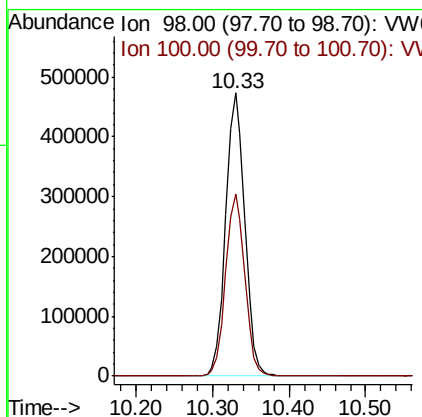
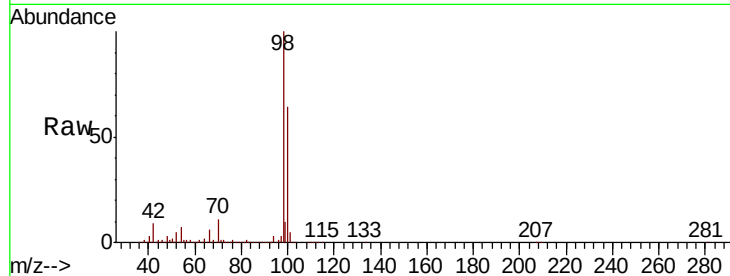
#50
Toluene-d8
Concen: 34.40 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005111.D
Acq: 05 Sep 2018 06:24

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

Tot Ion: 98 Resp: 818940
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

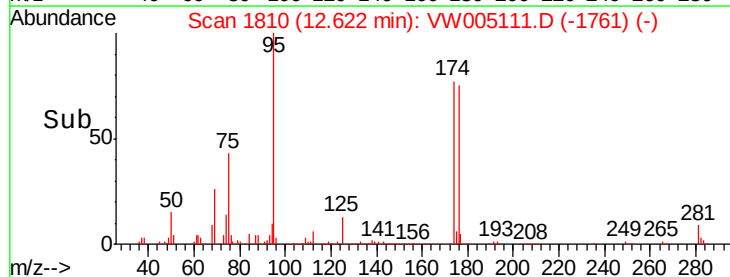
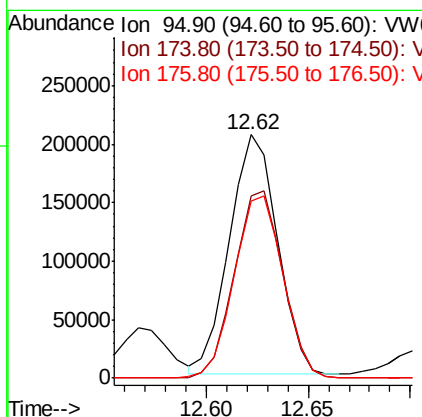
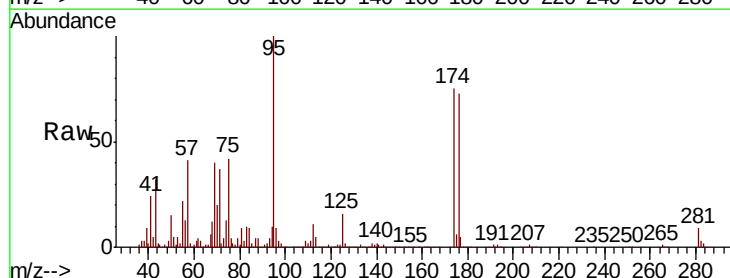
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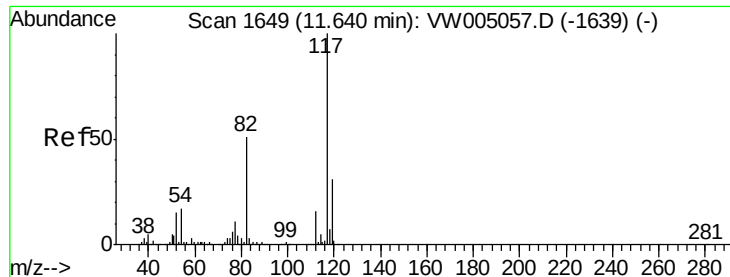
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#62
4-Bromofluorobenzene
Concen: 40.03 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW005111.D
Acq: 05 Sep 2018 06:24

Tgt Ion: 95 Resp: 336028
Ion Ratio Lower Upper
95 100
174 79.0 0.0 173.4
176 77.3 0.0 167.4





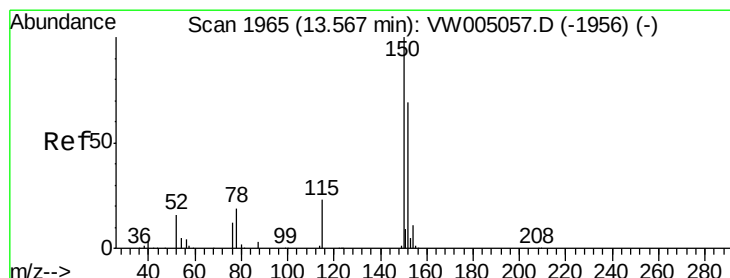
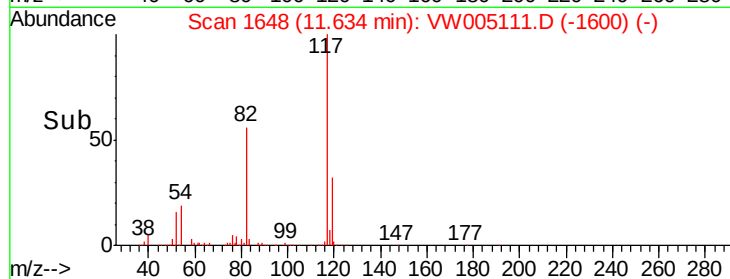
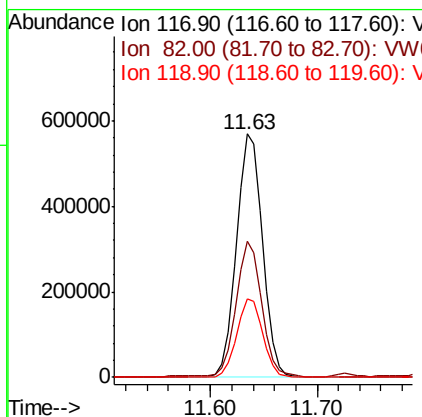
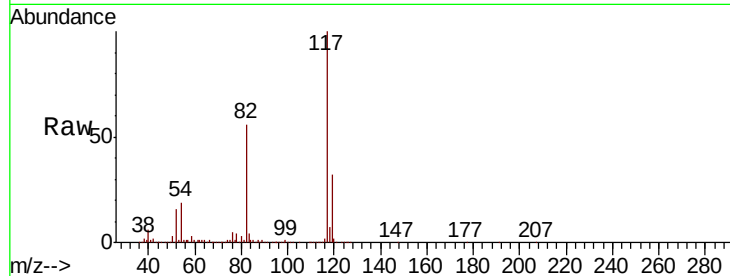
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005111.D
Acq: 05 Sep 2018 06:24

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	40.9	61.3
119	32.3	24.9	37.3

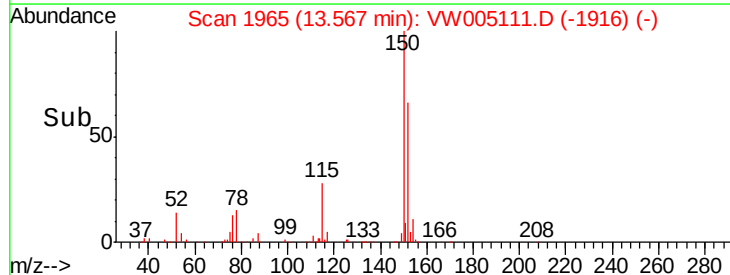
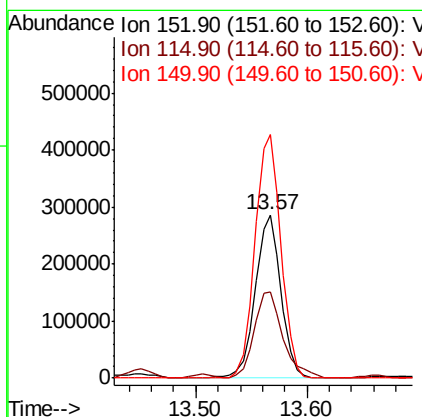
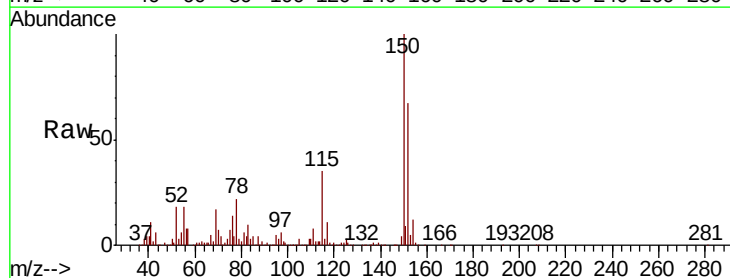
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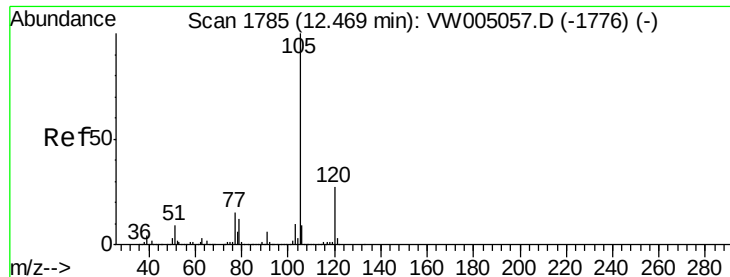
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005111.D
Acq: 05 Sep 2018 06:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	27.8	83.4
150	150.8	0.0	351.4





#73

Isopropylbenzene

Concen: 2.91 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005111.D

Acq: 05 Sep 2018 06:24

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(15-20)

Tot Ion: 105 Resp: 93921

Ion Ratio Lower Upper

105 100

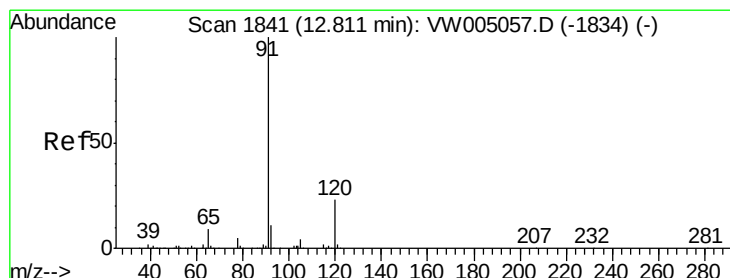
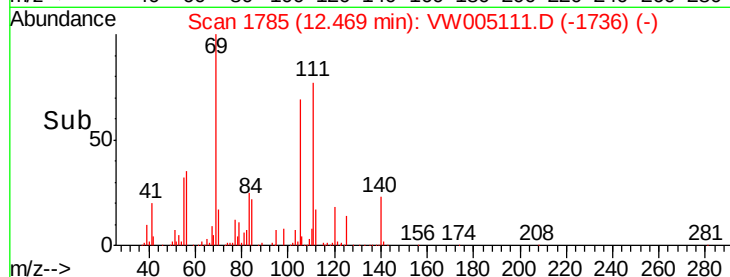
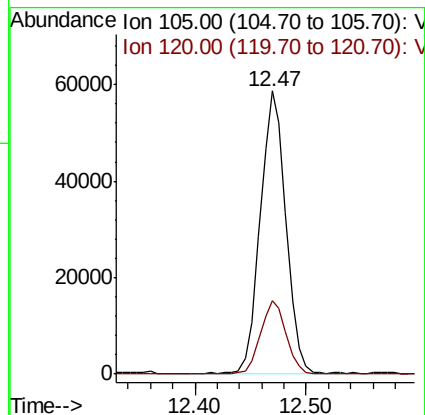
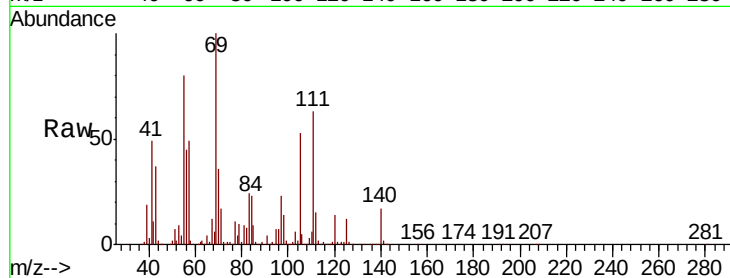
120 25.7 13.4 40.1

Manual Integrations

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#78

n-propylbenzene

Concen: 8.76 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW005111.D

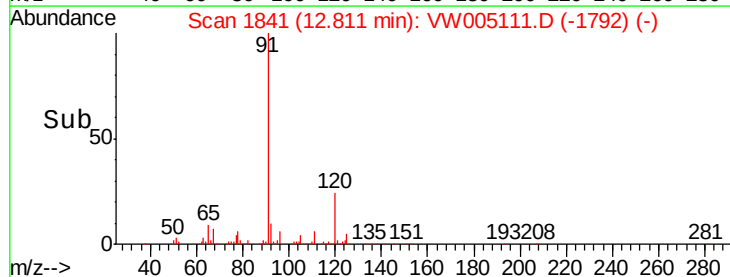
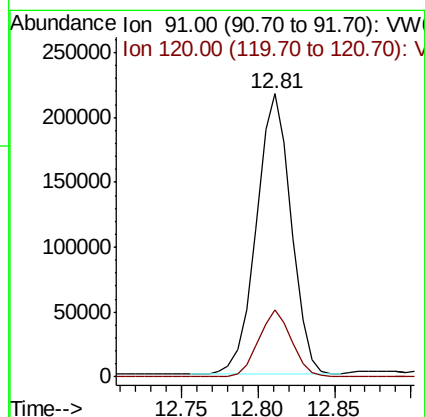
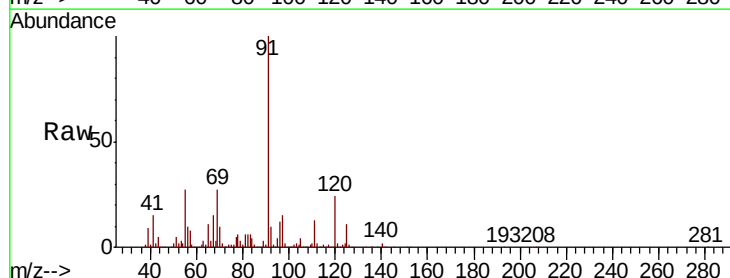
Acq: 05 Sep 2018 06:24

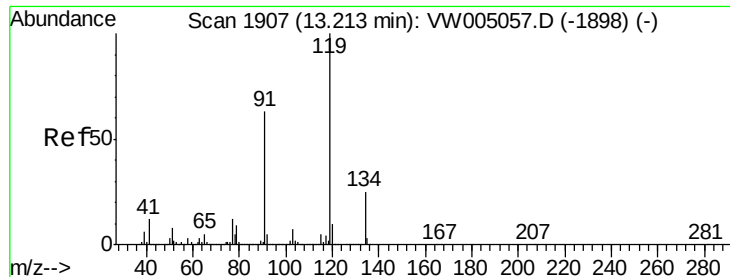
Tgt Ion: 91 Resp: 341559

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.3





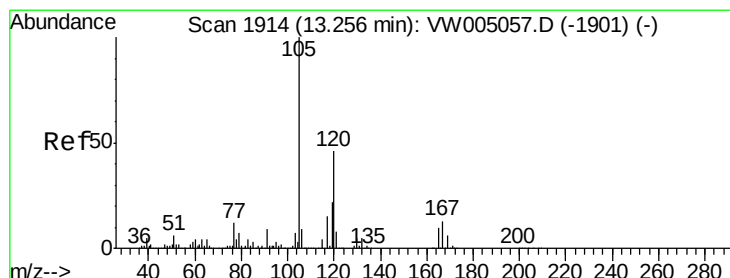
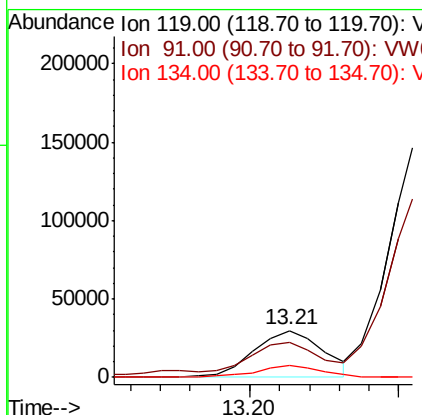
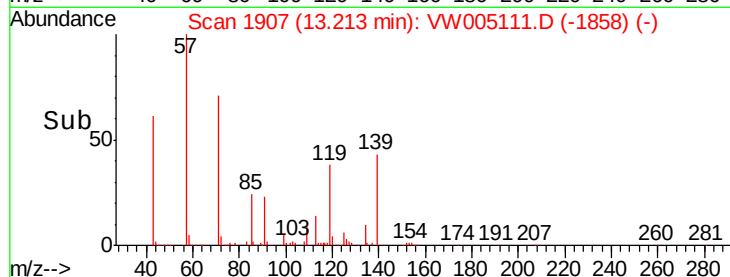
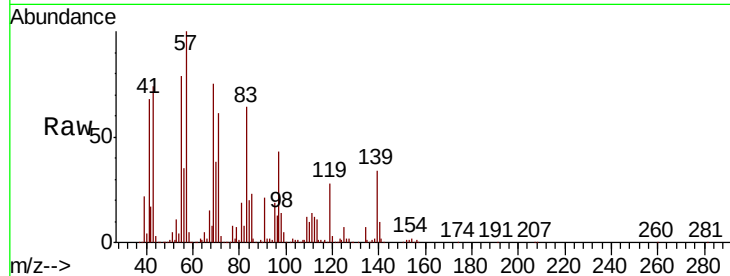
#83
 tert-Butylbenzene
 Concen: 2.06 ug/l m
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005111.D
 Acq: 05 Sep 2018 06:24

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(15-20)

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.8	95.4#
134	0.0	13.0	39.0#

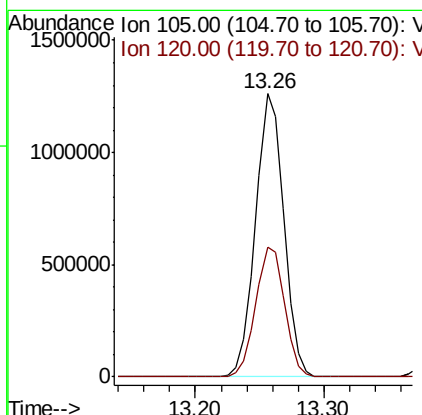
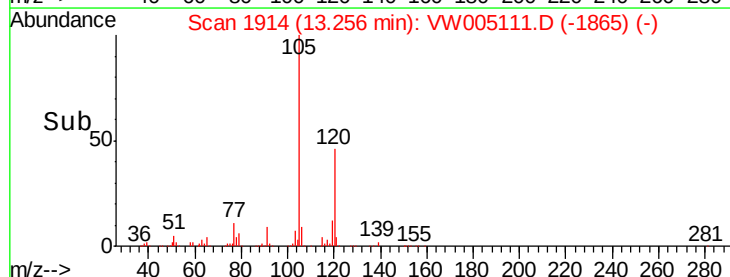
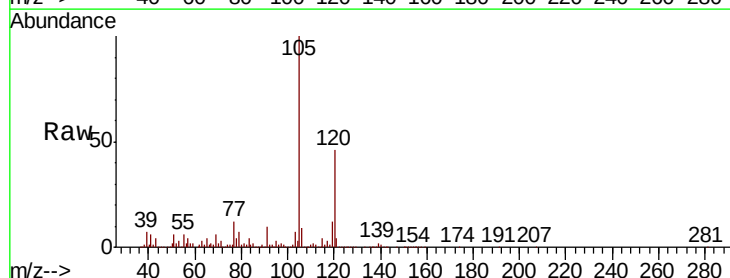
Manual Integrations
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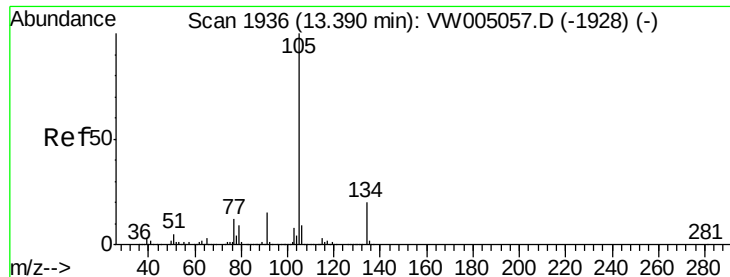
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#84
 1,2,4-Trimethylbenzene
 Concen: 66.78 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005111.D
 Acq: 05 Sep 2018 06:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 10.20 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW005111.D

Acq: 05 Sep 2018 06:24

Instrument :

MSVOA_W

ClientSampled :

EP1-MW-E(15-20)

Tot Ion:105 Resp: 349443

Ion Ratio Lower Upper

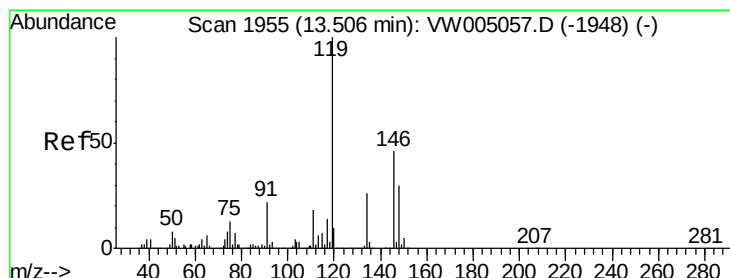
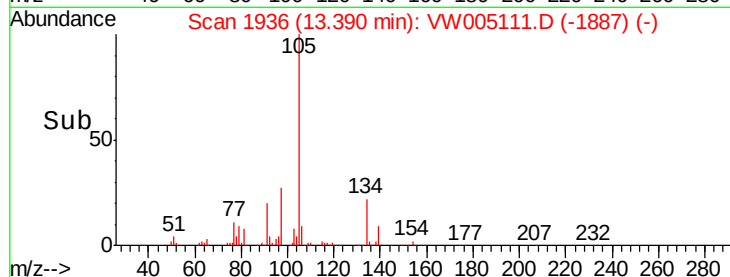
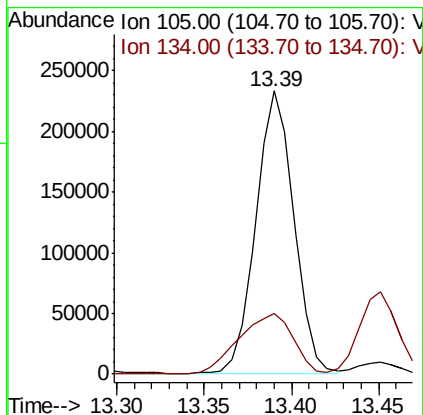
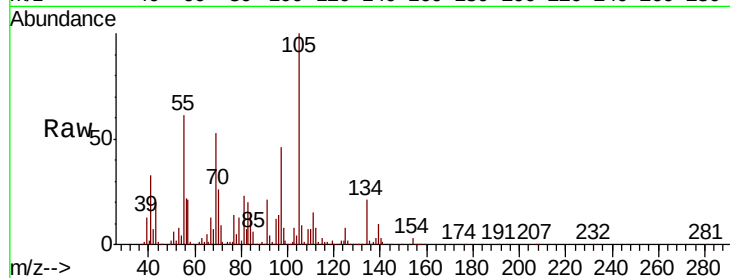
105 100

134 31.1 10.1 30.3#

Manual Integrations
APPROVED

apatel

9/5/2018 1:00:16 PM



#86

p-Isopropyltoluene

Concen: 4.56 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005111.D

Acq: 05 Sep 2018 06:24

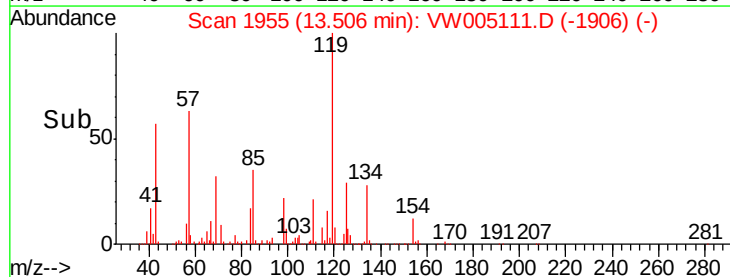
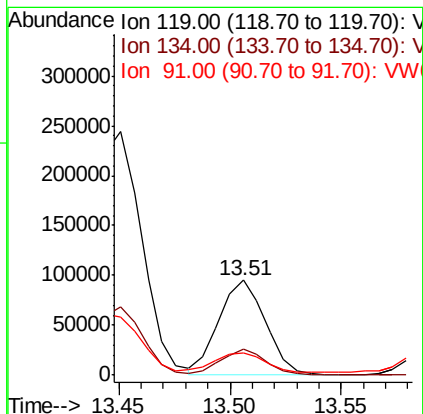
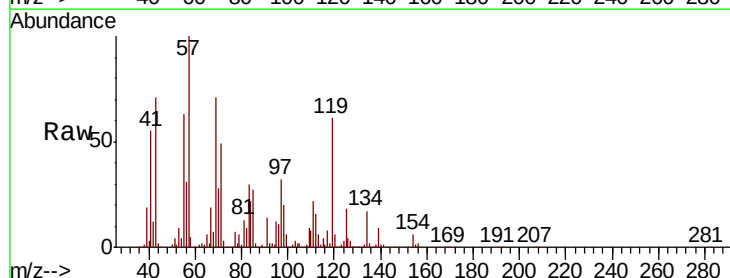
Tgt Ion:119 Resp: 138343

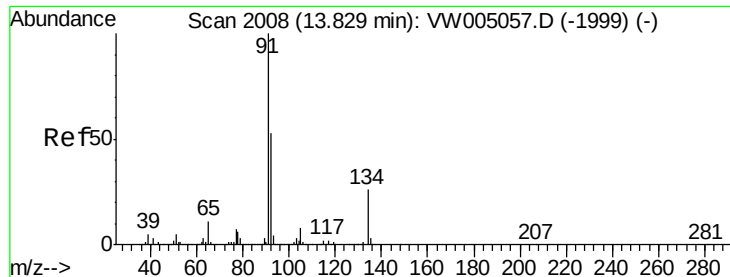
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 22.6 10.9 32.9





#89
 n-Butylbenzene
 Concen: 7.70 ug/l m
 RT: 13.83 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VW005111.D
 Acq: 05 Sep 2018 06:24

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(15-20)

Tot Ion	Ratio	Resp Lower	Upper
91	100		
92	0.0	26.5	79.5#
134	0.0	13.5	40.4#

Manual Integrations
 APPROVED

apatel
 9/5/2018 1:00:16 PM

