

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006020.D
 Acq On : 11 Oct 2018 06:45
 Operator : SY/AP
 Sample : J5392-01
 Misc : 7.98G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

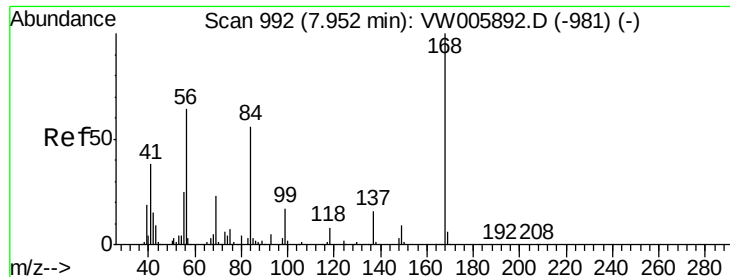
Manual Integrations
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Quant Time: Oct 11 08:03:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	317351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113328	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.88	113	109965	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	10.33	98	300670	38.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.14%	
62) 4-Bromofluorobenzene	12.62	95	129570	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.34	83	29252	7.293	ug/l #	83
40) Benzene	8.32	78	10567	1.270	ug/l	94
52) Toluene	10.39	92	28114	5.142	ug/l	98
67) Ethyl Benzene	11.74	91	208123	25.253	ug/l	98
68) m/p-Xylenes	11.85	106	53744	16.687	ug/l	99
69) o-Xylene	12.17	106	368204	119.413	ug/l	99
73) Isopropylbenzene	12.47	105	131906	14.639	ug/l	100
78) n-propylbenzene	12.81	91	244646	23.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	698081	91.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	57855	7.540	ug/l	97
85) sec-Butylbenzene	13.39	105	101695	10.708	ug/l #	60
86) p-Isopropyltoluene	13.51	119	61844	7.241	ug/l	99
89) n-Butylbenzene	13.81	91	101582m	12.618	ug/l	
95) Naphthalene	15.38	128	110732	22.004	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

Tot Ion:168 Resp: 206220

Ion Ratio Lower Upper

168 100

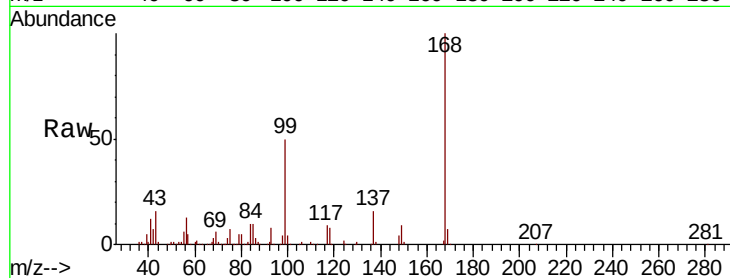
99 50.2 40.9 61.3

Manual Integrations

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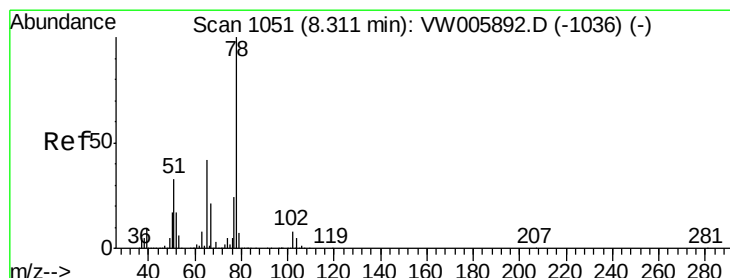
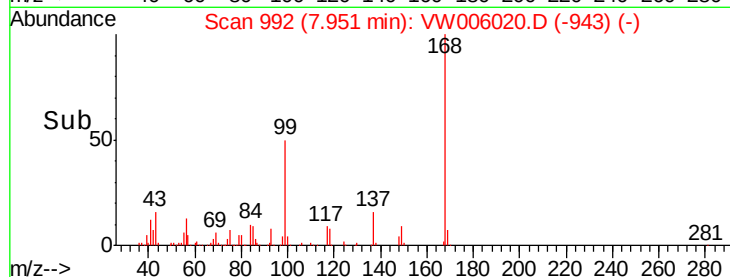
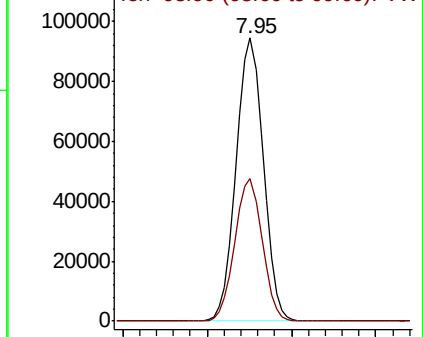
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.609 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006020.D

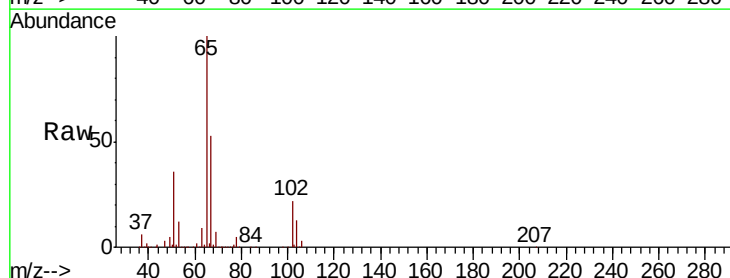
Acq: 11 Oct 2018 06:45

Tgt Ion: 65 Resp: 113328

Ion Ratio Lower Upper

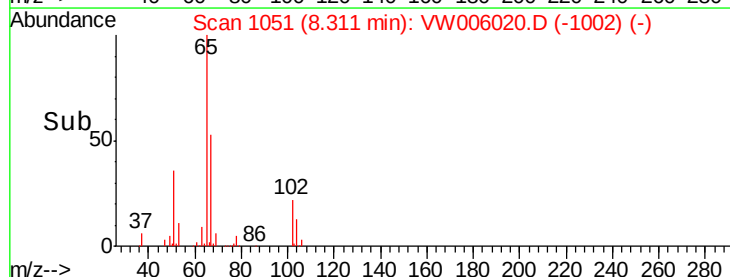
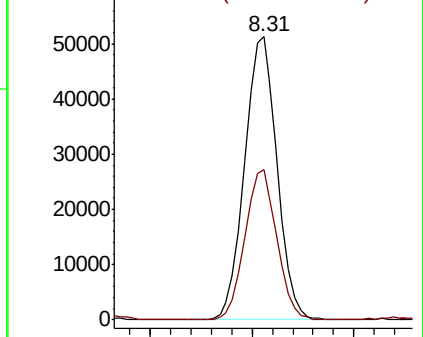
65 100

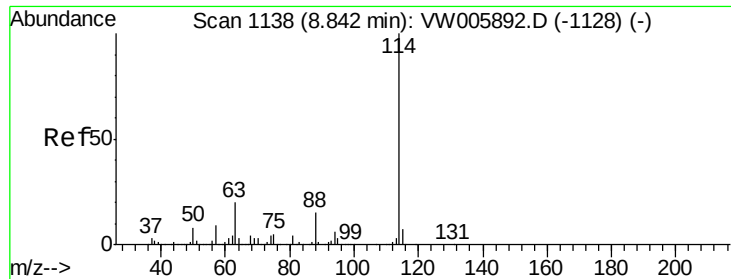
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





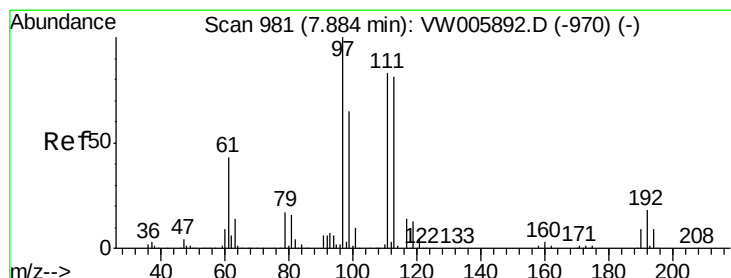
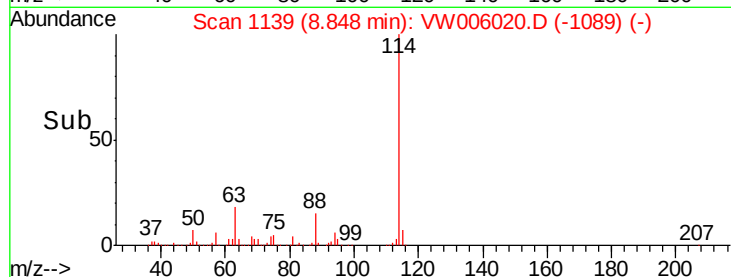
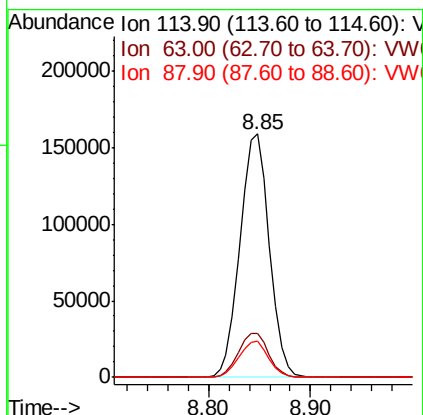
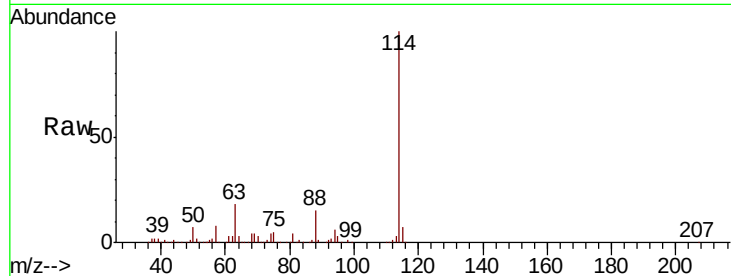
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

Tot Ion	Ratio	Resp	Lower	Upper
114	100	317351		
63	18.0		0.0	39.2
88	14.9		0.0	30.8

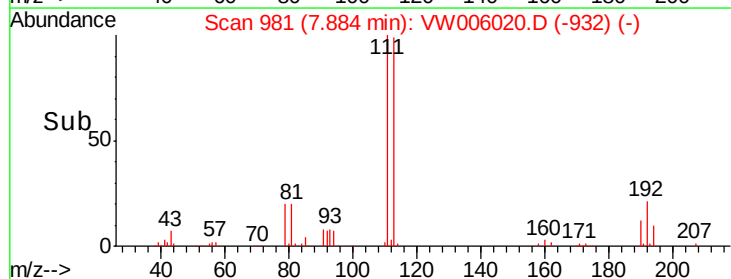
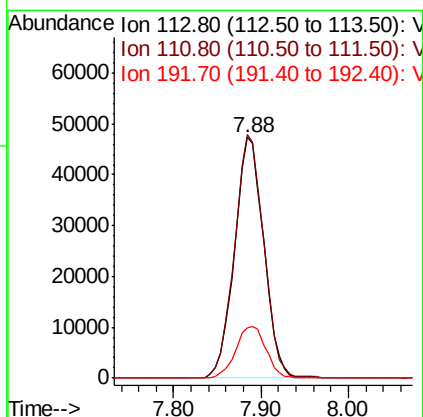
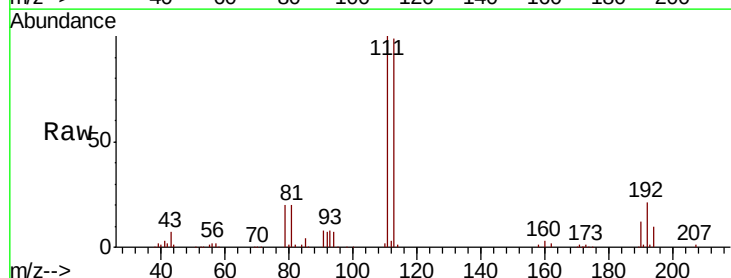
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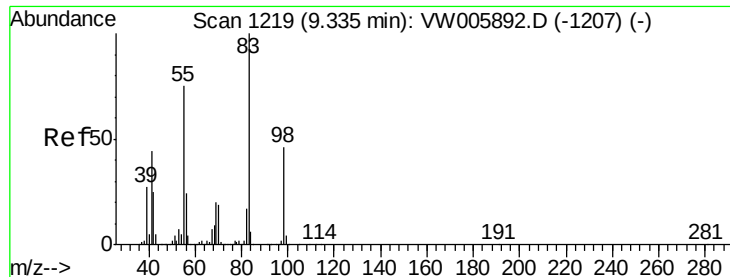
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#35
 Dibromofluoromethane
 Concen: 54.273 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	109965		
111	101.2		82.0	123.0
192	22.3		18.3	27.5





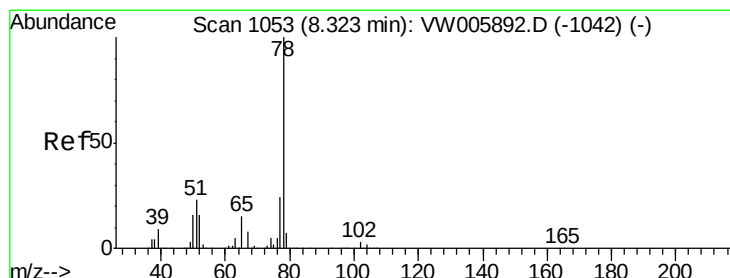
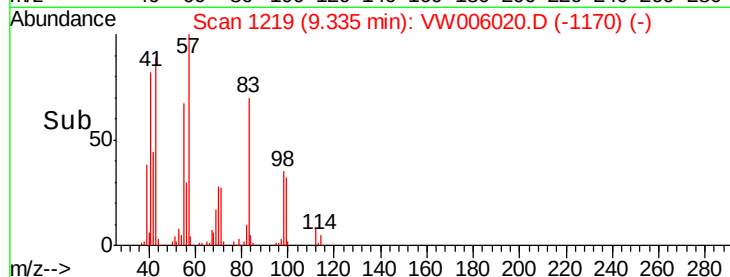
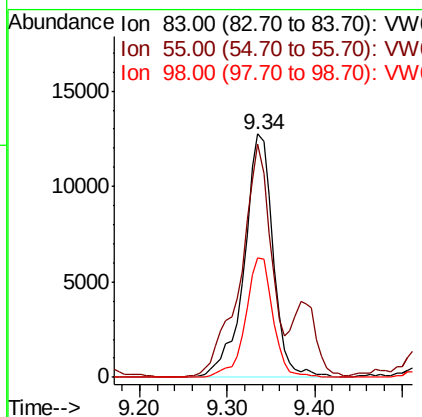
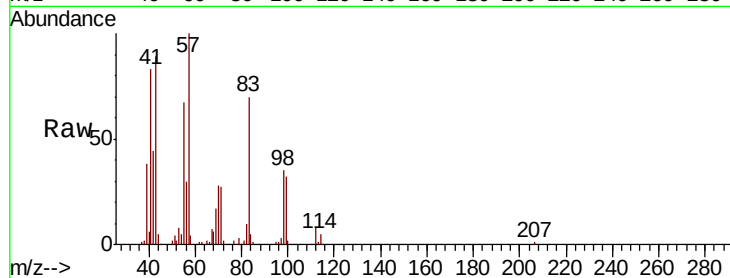
#39
Methylvlcyclohexane
Concen: 7.293 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
83	100		
55	95.5	59.8	89.6#
98	49.2	37.1	55.7

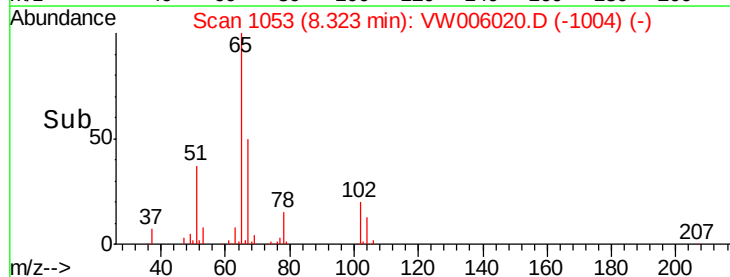
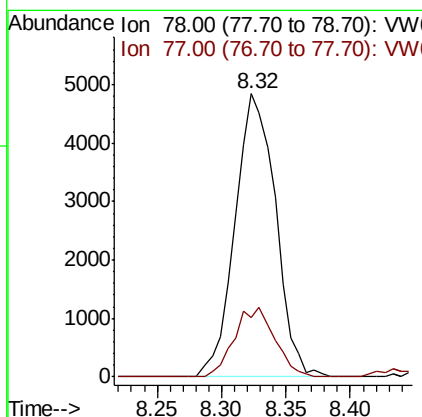
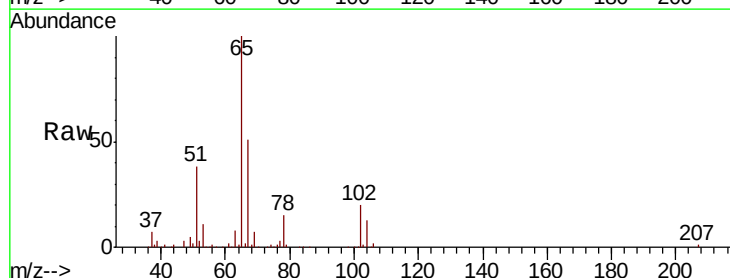
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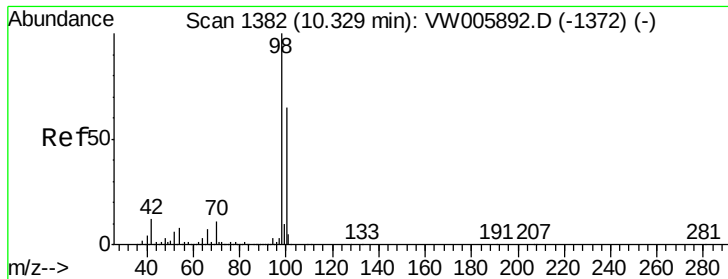
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#40
Benzene
Concen: 1.270 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.8	19.1	28.7





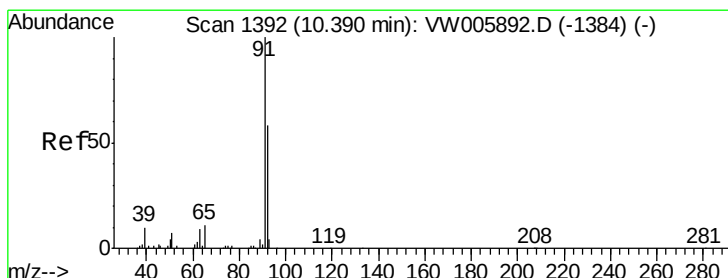
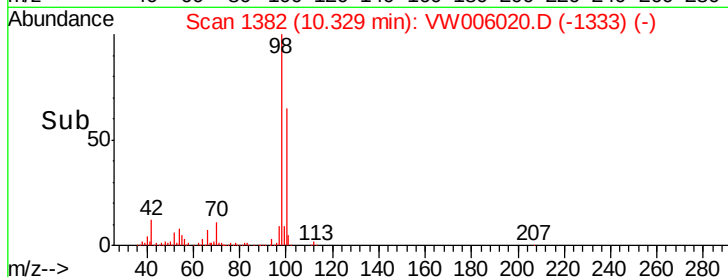
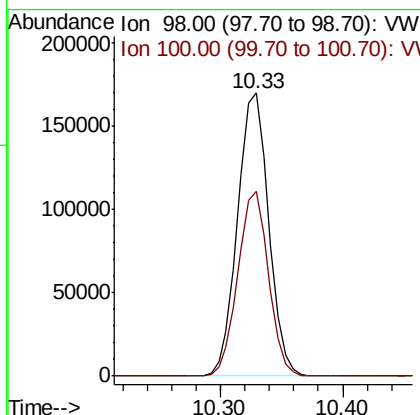
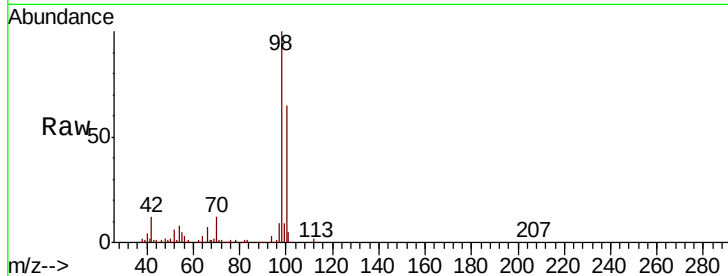
#50
Toluene-d8
Concen: 38.570 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion: 98 Resp: 300670
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

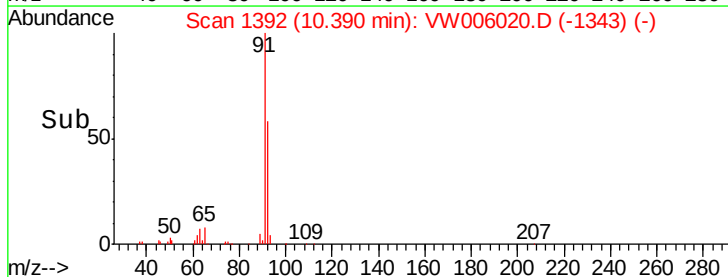
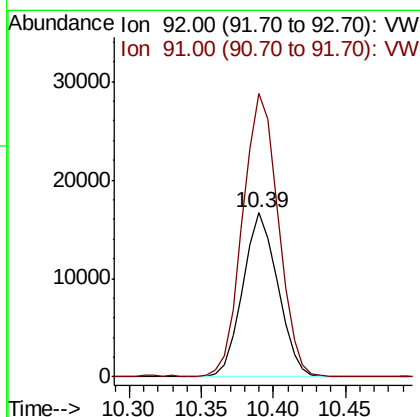
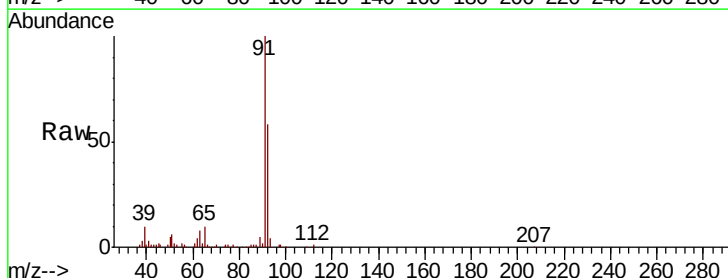
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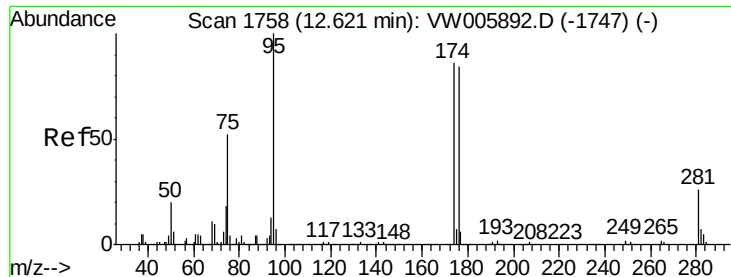
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#52
Toluene
Concen: 5.142 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion: 92 Resp: 28114
Ion Ratio Lower Upper
92 100
91 176.0 138.2 207.4





#62

4-Bromofluorobenzene

Concen: 43.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

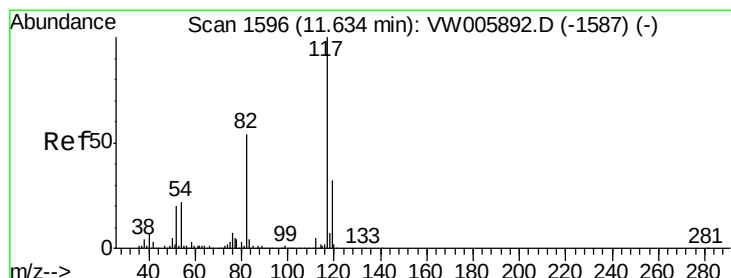
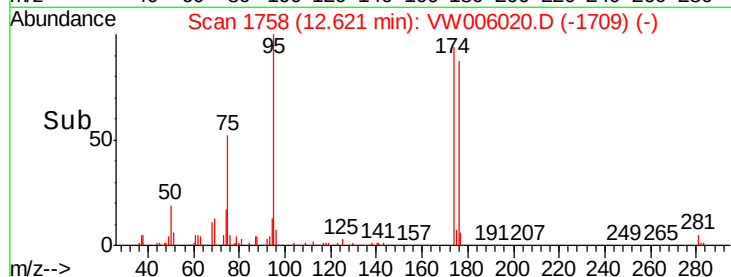
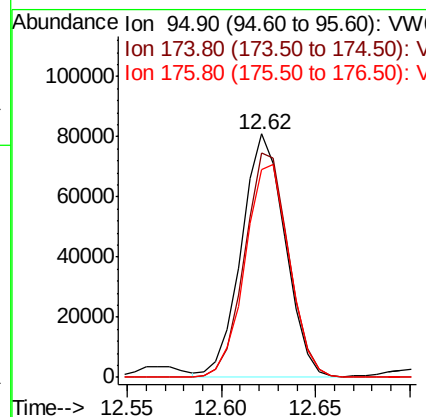
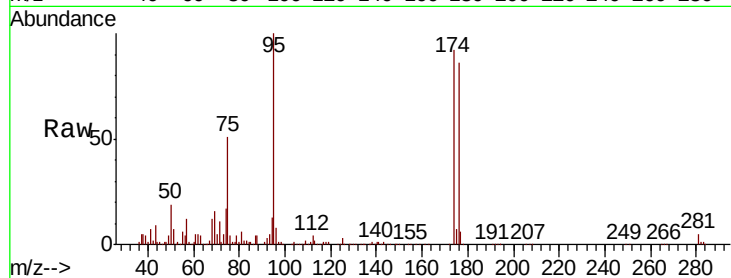
ClientSampleId :

SOIL-DRUM

Tot Ion:	95	Resp:	129570
Ion Ratio	Lower	Upper	
95	100		
174	93.2	0.0	176.4
176	89.1	0.0	173.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

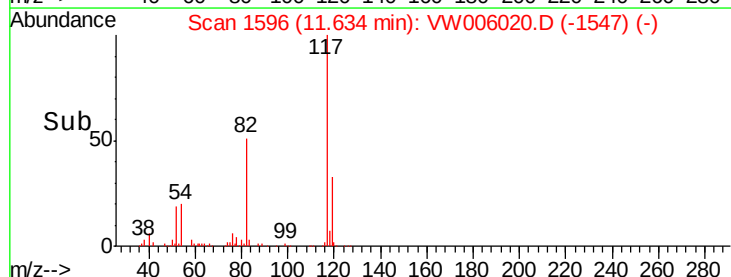
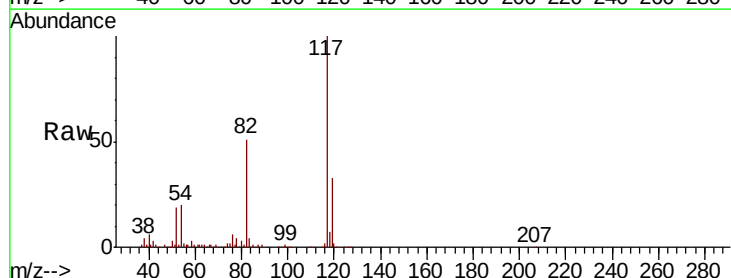
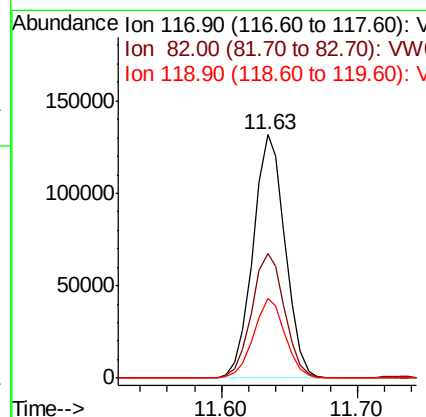
RT: 11.63 min Scan# 1596

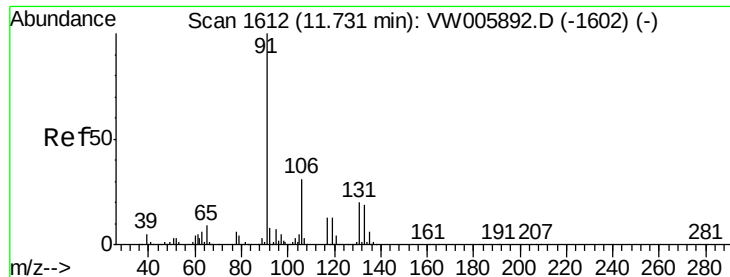
Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Tgt Ion:	117	Resp:	217831
Ion Ratio	Lower	Upper	
117	100		
82	51.2	43.5	65.3
119	32.8	25.4	38.2





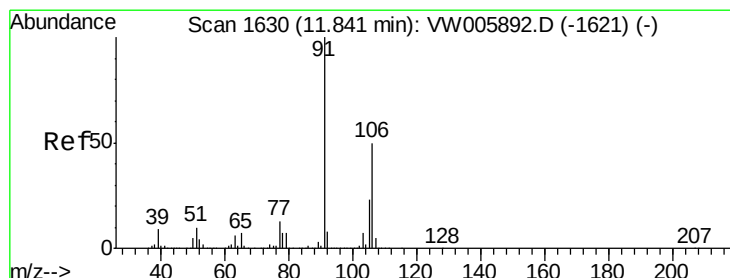
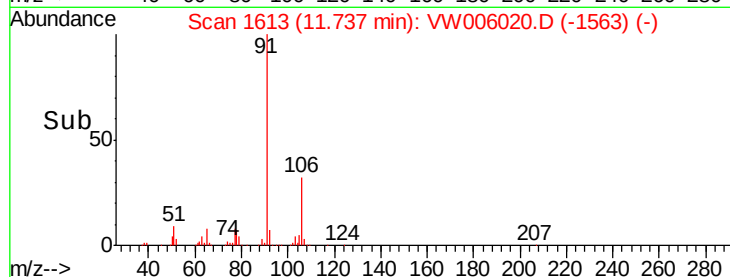
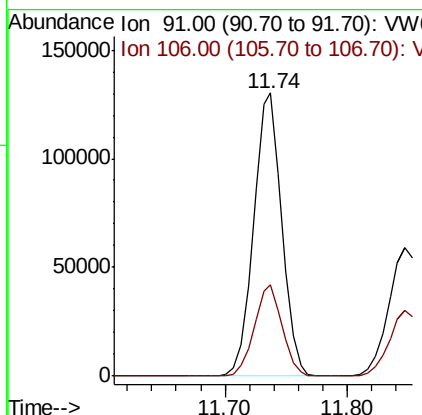
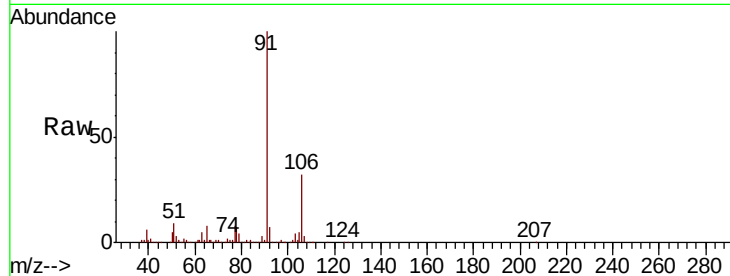
#67
Ethyl Benzene
Concen: 25.253 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion: 91 Resp: 208123
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6

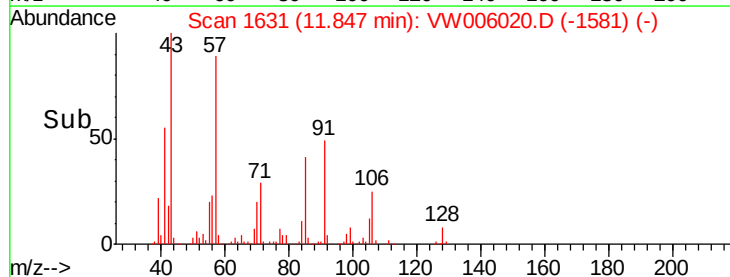
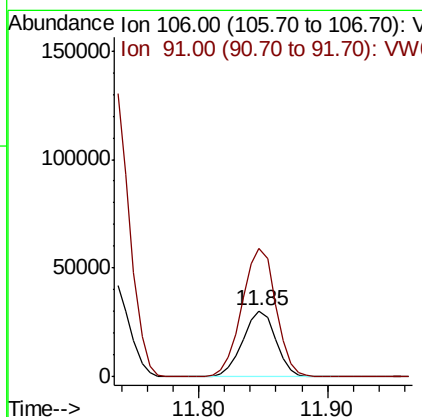
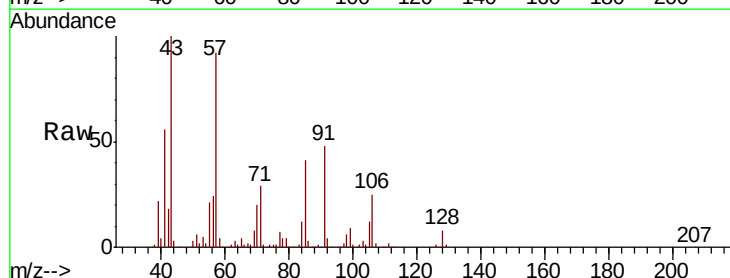
Manual Integrations
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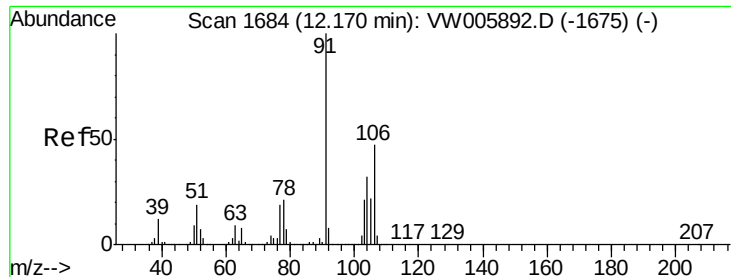
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#68
m/p-Xylenes
Concen: 16.687 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion: 106 Resp: 53744
Ion Ratio Lower Upper
106 100
91 199.4 160.2 240.2





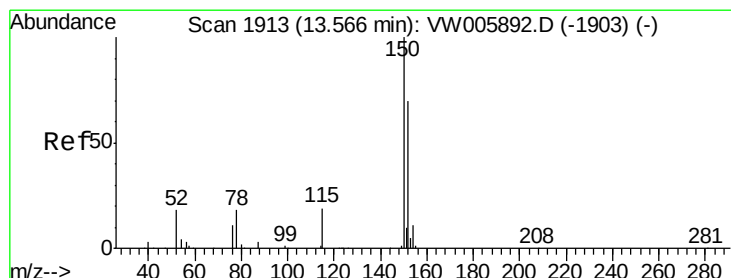
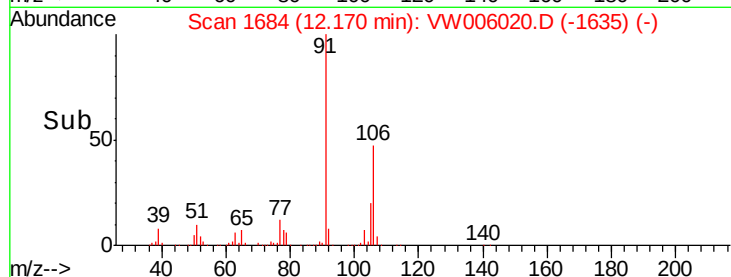
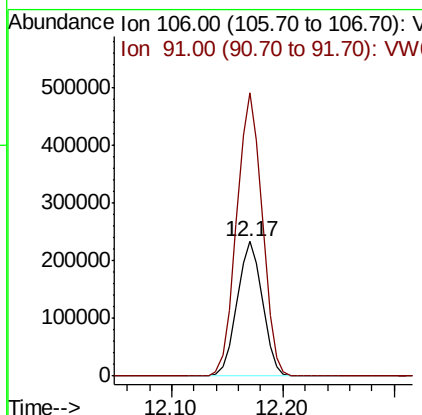
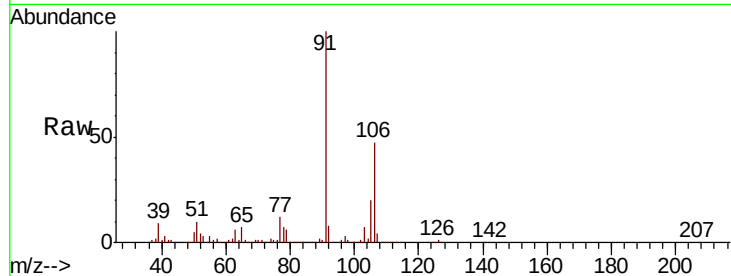
#69
o-Xylene
Concen: 119.413 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Instrument :
MSVOA_W
ClientSampled :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	106.2	318.5

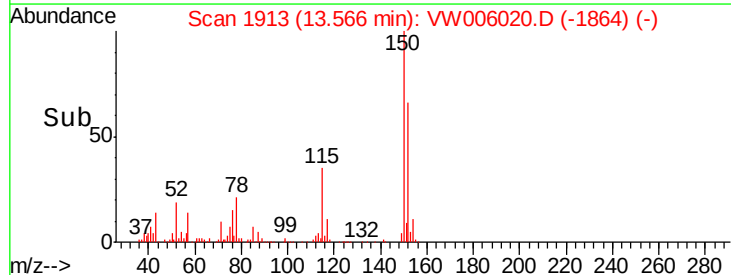
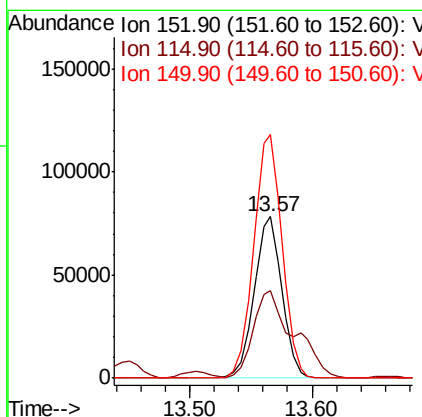
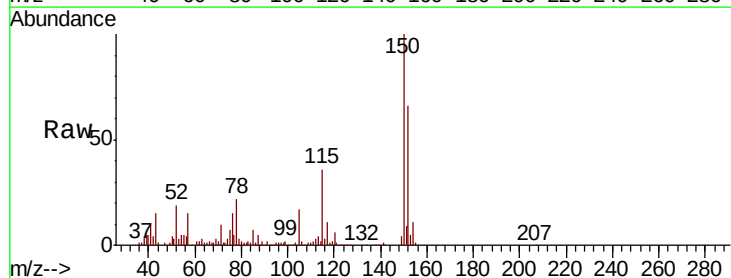
Manual Integrations
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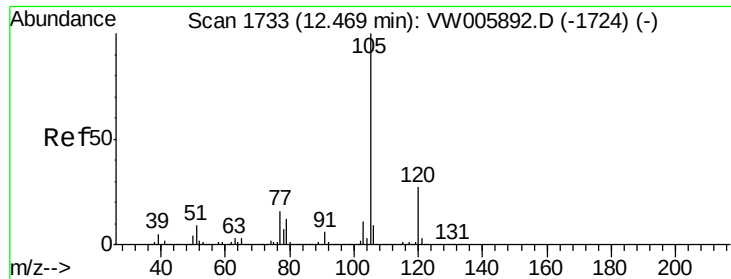
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006020.D
Acq: 11 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	28.3	85.0
150	154.2	0.0	349.2





#73

Isopropylbenzene

Concen: 14.639 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

Tot Ion: 105 Resp: 131906

Ion Ratio Lower Upper

105 100

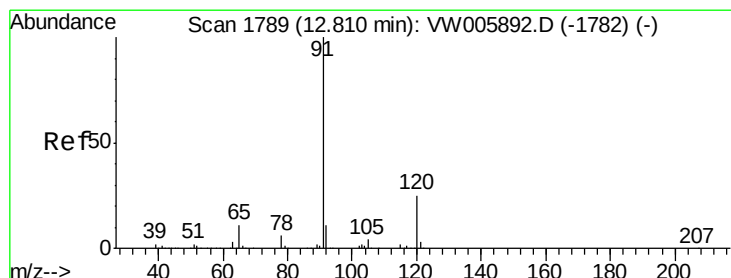
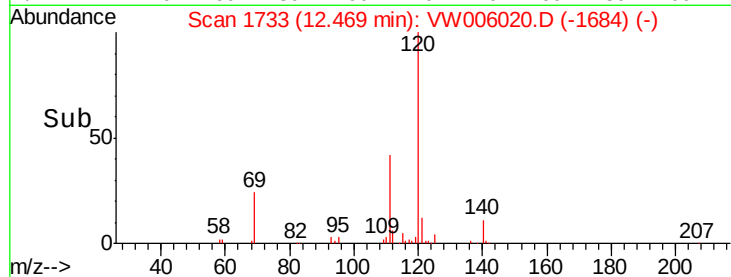
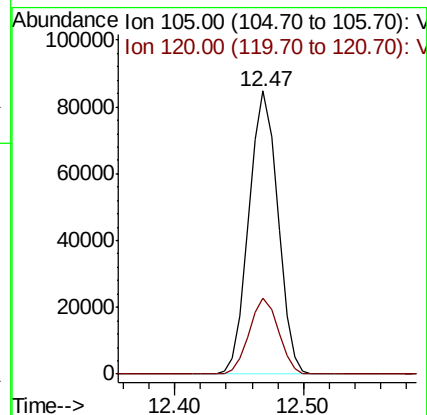
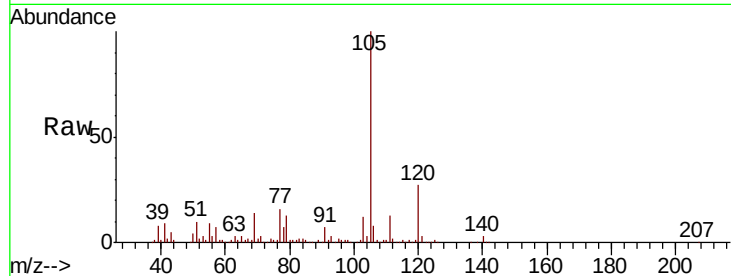
120 27.1 13.6 40.8

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#78

n-propylbenzene

Concen: 23.082 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006020.D

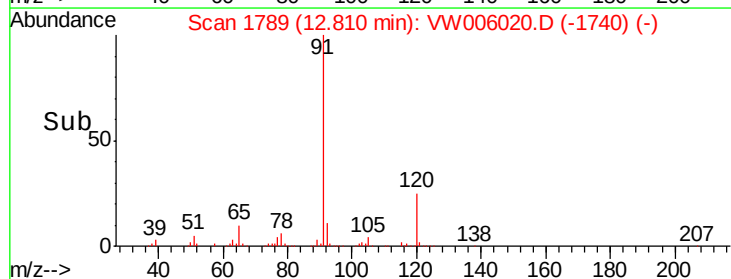
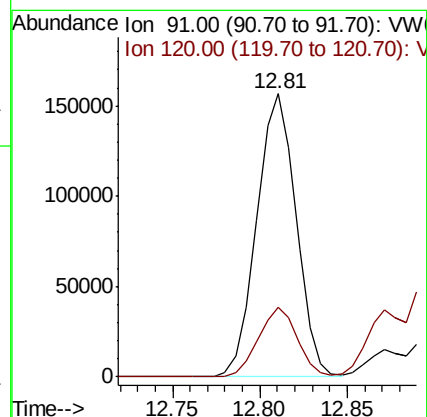
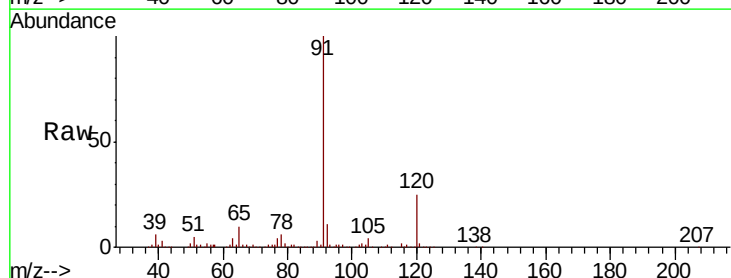
Acq: 11 Oct 2018 06:45

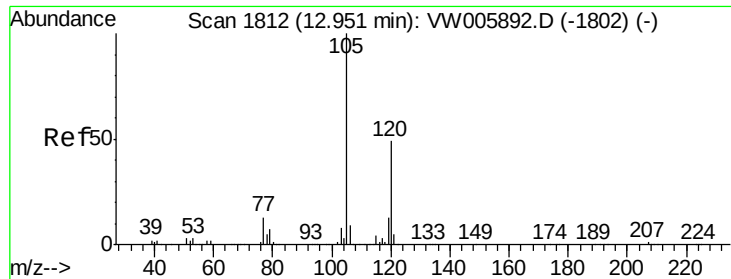
Tgt Ion: 91 Resp: 244646

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.0





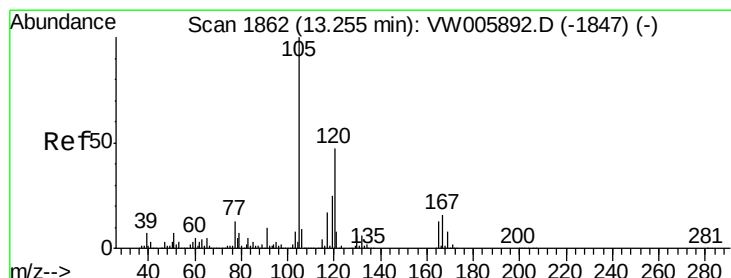
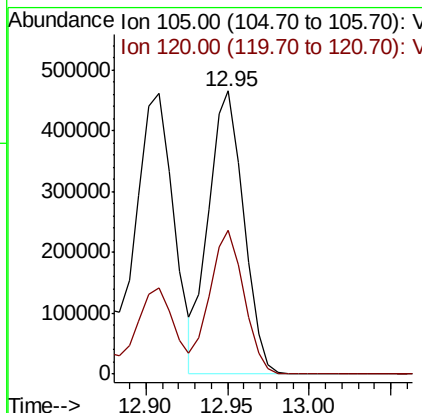
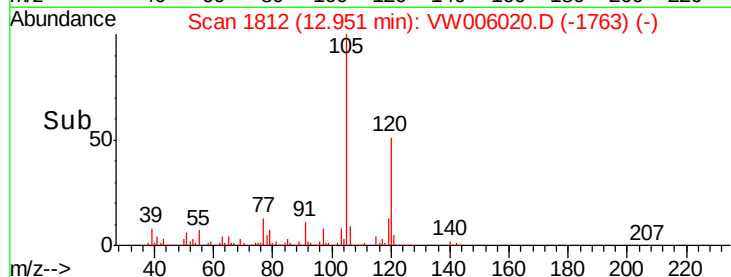
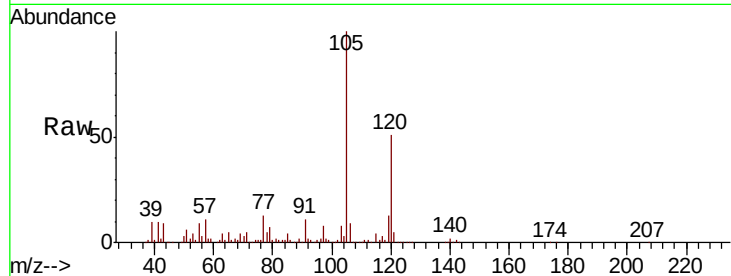
#80
 1,3,5-Trimethylbenzene
 Concen: 91.768 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

Tot Ion:105 Resp: 698081
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8

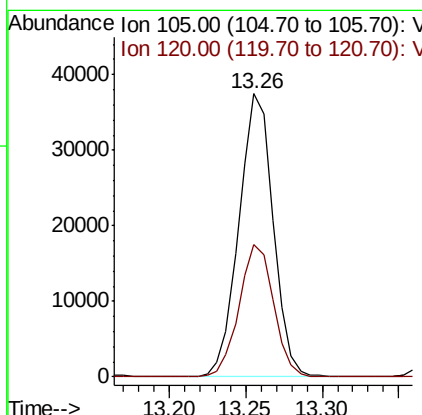
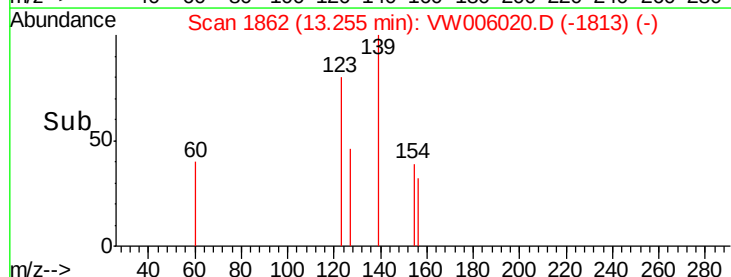
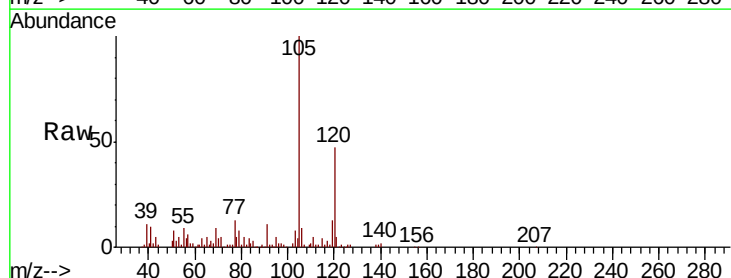
Manual Integrations
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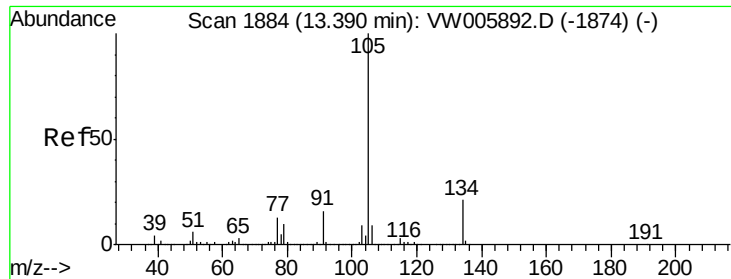
apatel
 10/11/2018 2:21:50 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 7.540 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006020.D
 Acq: 11 Oct 2018 06:45

Tgt Ion:105 Resp: 57855
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 10.708 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

Tot Ion:105 Resp: 101695

Ion Ratio Lower Upper

105 100

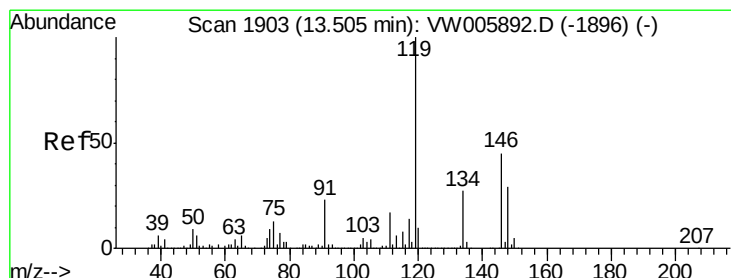
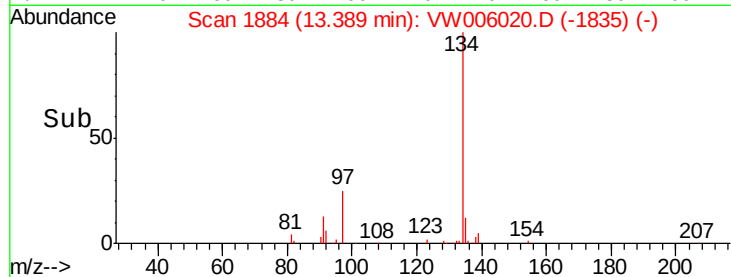
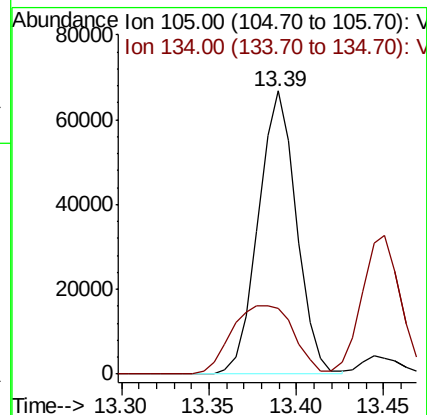
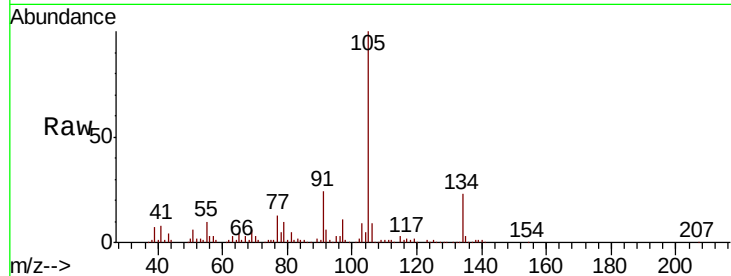
134 39.7 10.4 31.4#

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#86

p-Isopropyltoluene

Concen: 7.241 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

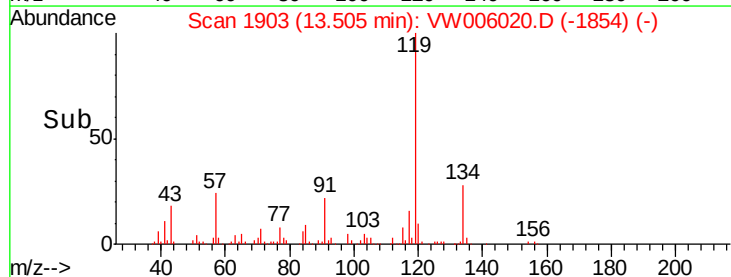
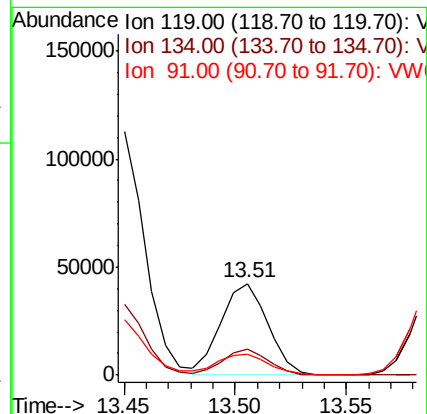
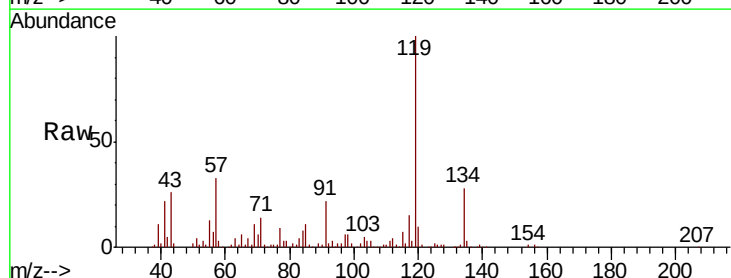
Tgt Ion:119 Resp: 61844

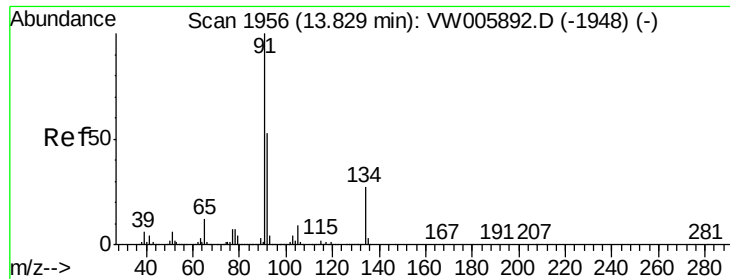
Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

91 23.1 11.9 35.5





#89

n-Butylbenzene

Concen: 12.618 ug/l m

RT: 13.81 min Scan# 1953

Delta R.T. -0.02 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Instrument :

MSVOA_W

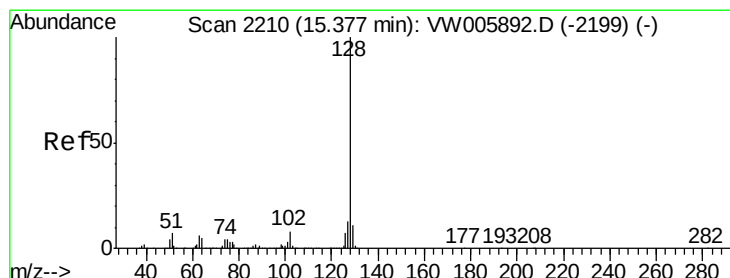
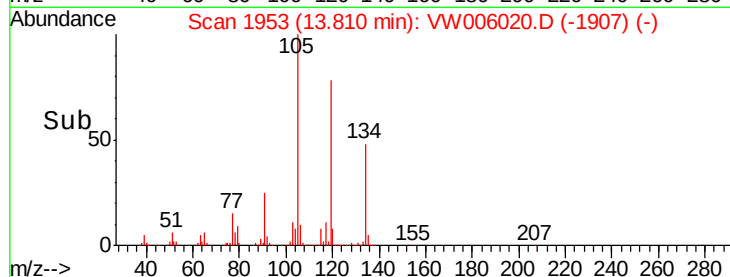
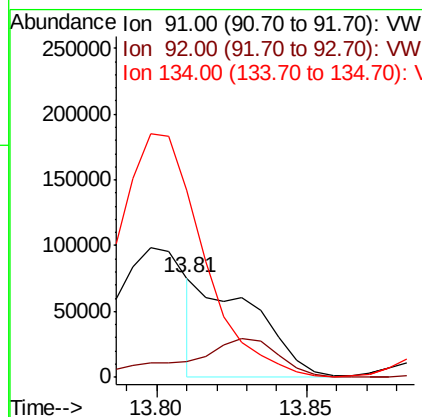
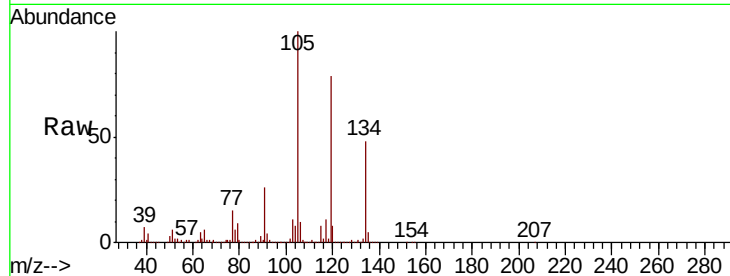
ClientSampleId :

SOIL-DRUM

Tot Ion:	91	Resp:	101582
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.6	79.8#
134	356.1	13.8	41.4#

Manual Integrations
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#95

Naphthalene

Concen: 22.004 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006020.D

Acq: 11 Oct 2018 06:45

Tgt Ion:	128	Resp:	110732
Ion Ratio	Lower	Upper	
128	100		
127	16.5	10.5	15.7#
129	10.9	8.9	13.3

