

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006005.D
 Acq On : 11 Oct 2018 00:16
 Operator : SY/AP
 Sample : J5392-01
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

Manual Integrations
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Quant Time: Oct 11 06:40:41 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	11513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	17041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6356	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	7.89	113	5392	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.33	98	18610	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
62) 4-Bromofluorobenzene	12.63	95	7134	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.33	83	1123	5.214	ug/l #	84
52) Toluene	10.40	92	1820	6.199	ug/l	85
67) Ethyl Benzene	11.73	91	12766	24.348	ug/l	99
68) m/p-Xylenes	11.84	106	14963	73.026	ug/l	97
69) o-Xylene	12.17	106	13116	66.863	ug/l	91
73) Isopropylbenzene	12.47	105	6999	12.973	ug/l	98
78) n-propylbenzene	12.81	91	16221	25.560	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	25469	55.919	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	39111	85.129	ug/l	98
85) sec-Butylbenzene	13.39	105	4682	8.234	ug/l #	45
86) p-Isopropyltoluene	13.50	119	2779m	5.435	ug/l	
89) n-Butylbenzene	13.83	91	5357m	11.114	ug/l	
95) Naphthalene	15.38	128	10465	34.732	ug/l	95

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

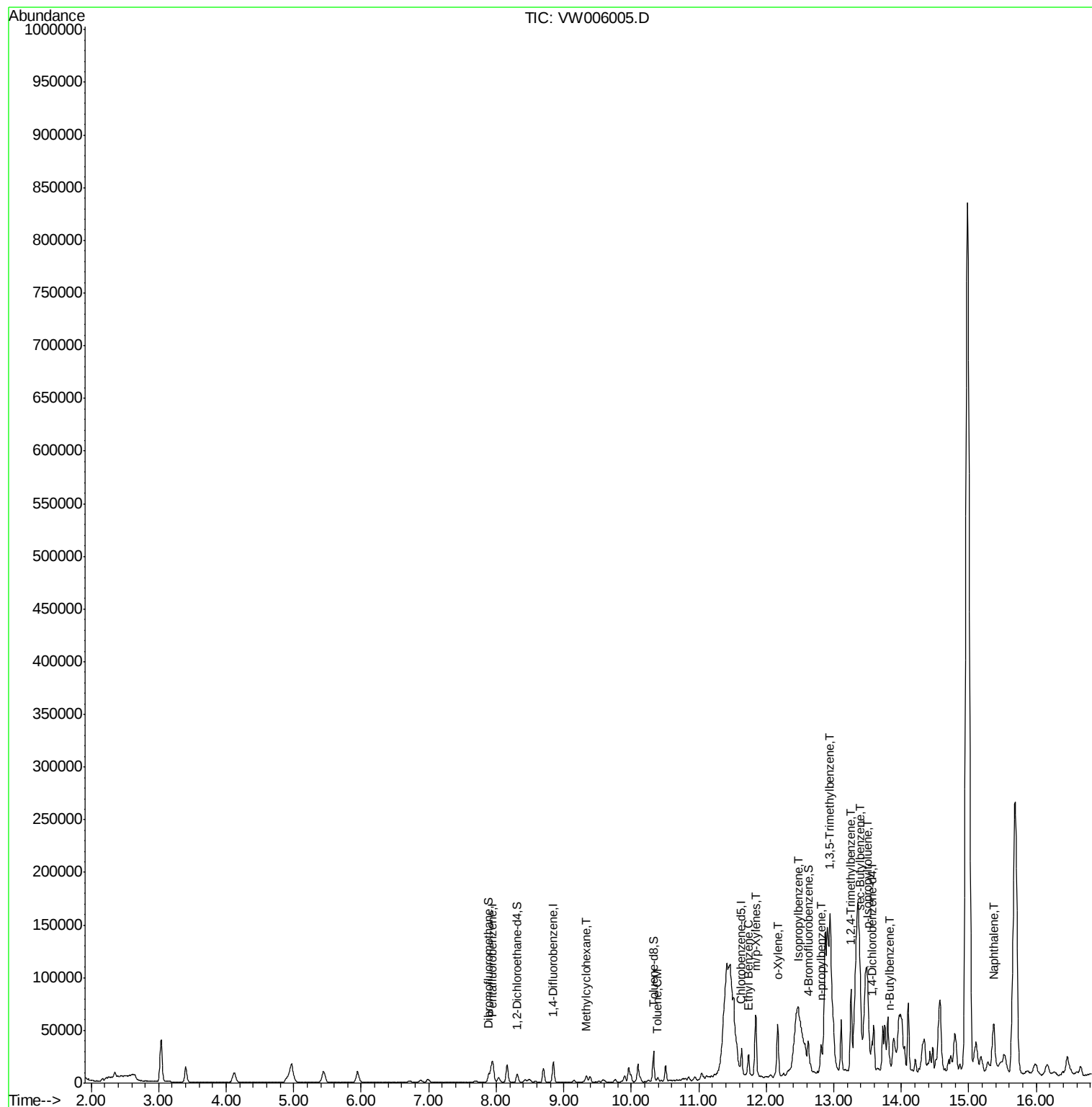
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101118\
Data File : VW006005.D
Acq On : 11 Oct 2018 00:16
Operator : SY/AP
Sample : J5392-01
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

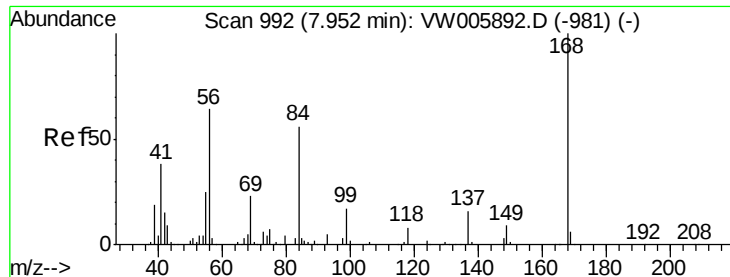
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

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Quant Time: Oct 11 06:40:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampled :

SOIL-DRUM

Tot Ion:168 Resp: 11513

Ion Ratio Lower Upper

168 100

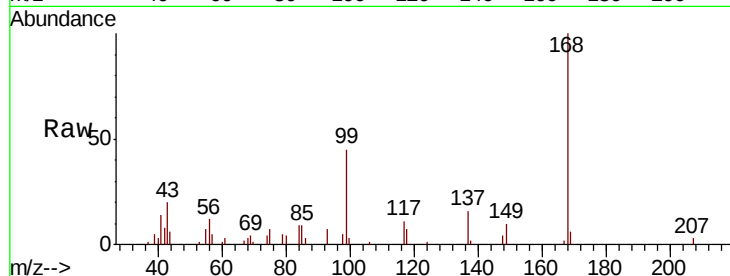
99 44.5 40.9 61.3

Manual Integrations

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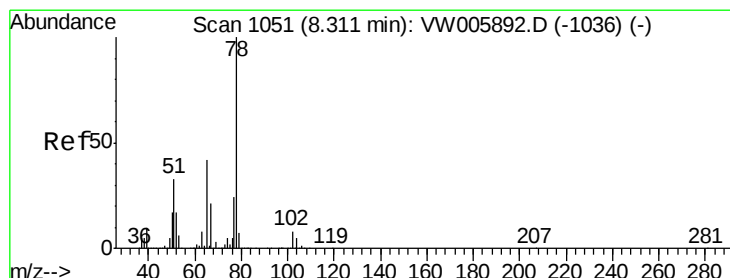
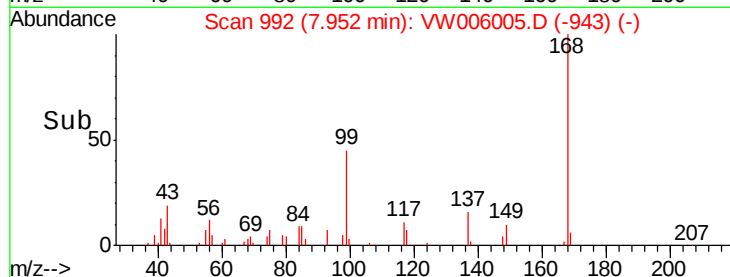
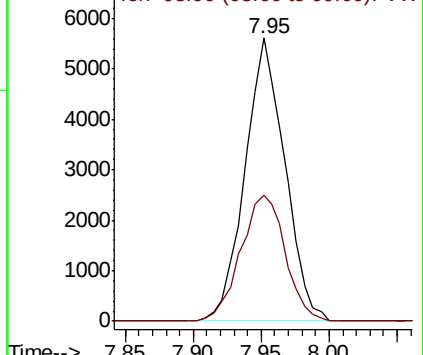
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.869 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006005.D

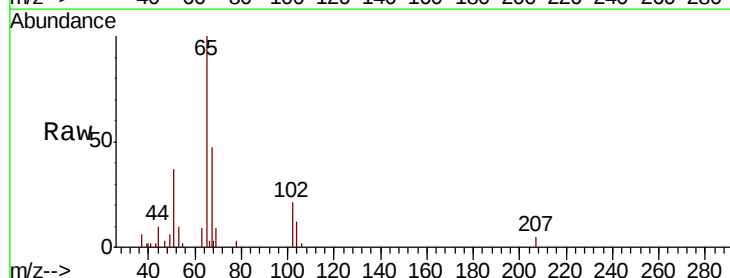
Acq: 11 Oct 2018 00:16

Tgt Ion: 65 Resp: 6356

Ion Ratio Lower Upper

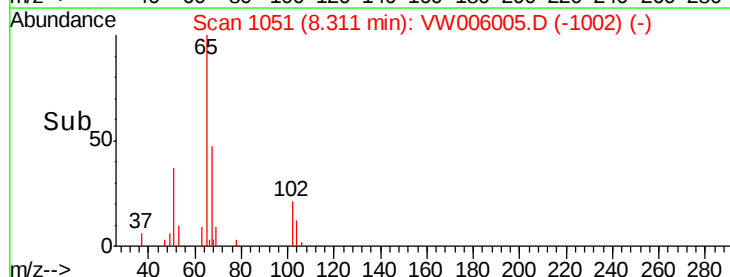
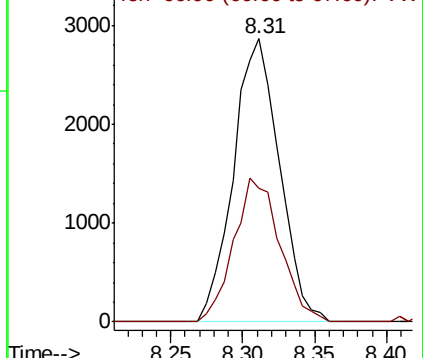
65 100

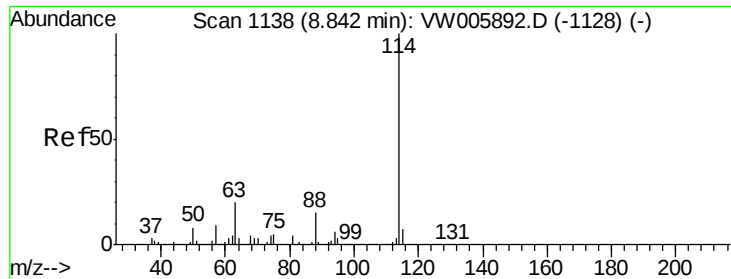
67 50.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





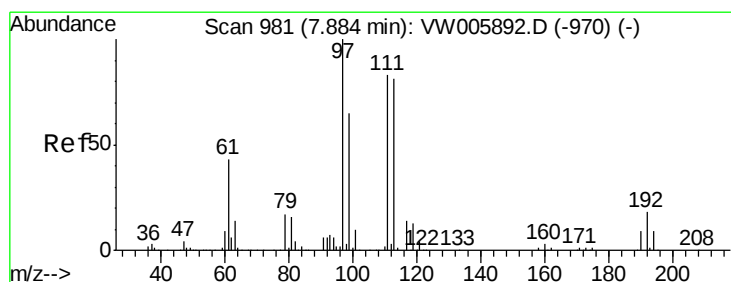
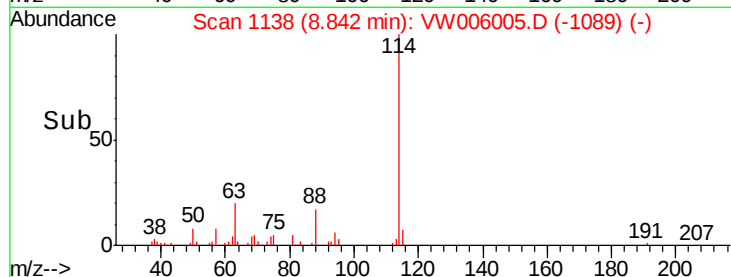
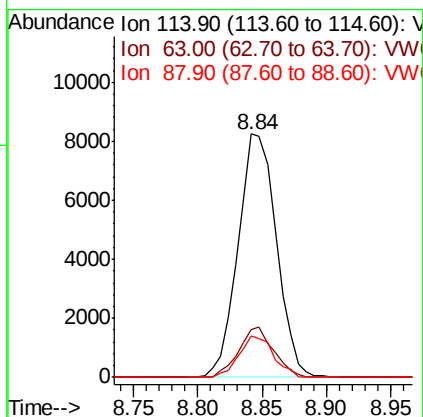
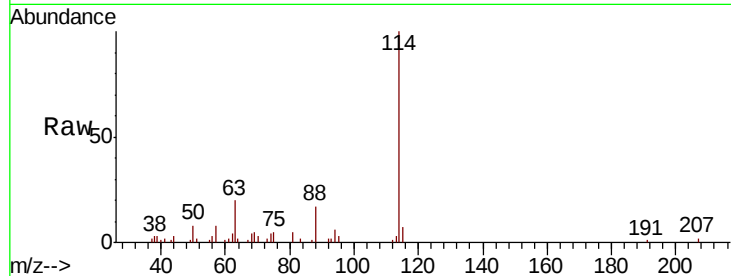
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Instrument :
 MSVOA_W
 ClientSampled :
 SOIL-DRUM

Tot Ion	Ratio	Resp	Lower	Upper
114	100	17041		
63	19.8		0.0	39.2
88	17.1		0.0	30.8

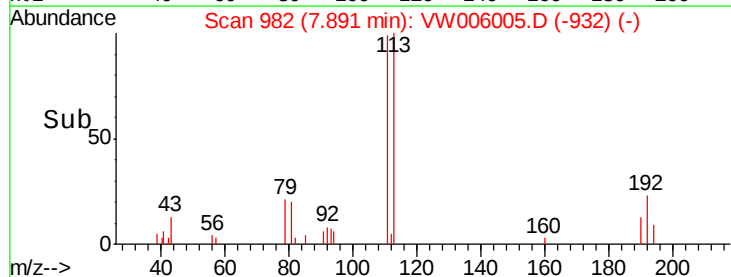
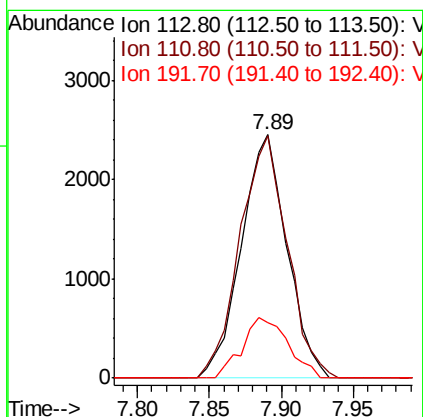
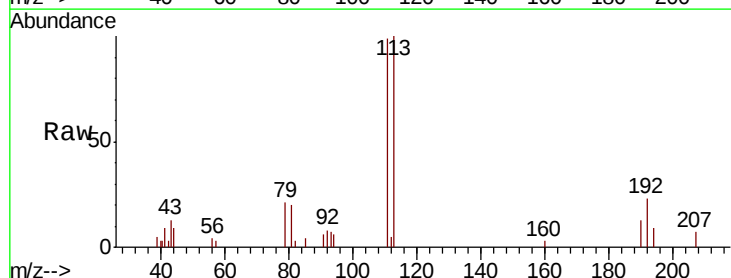
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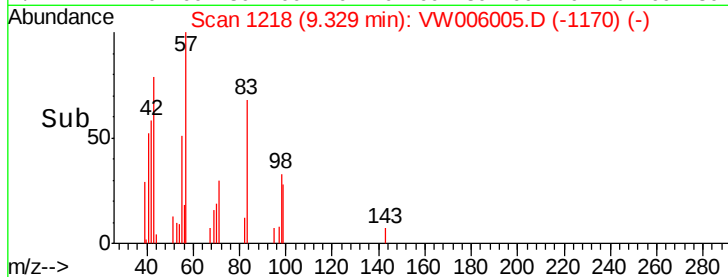
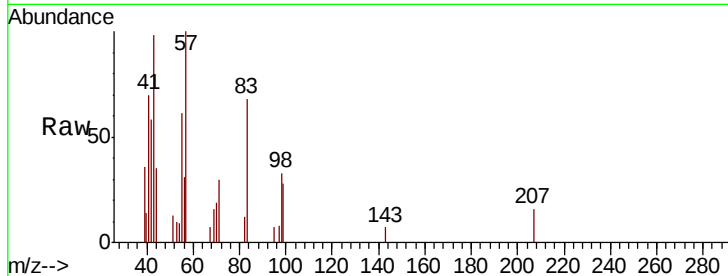
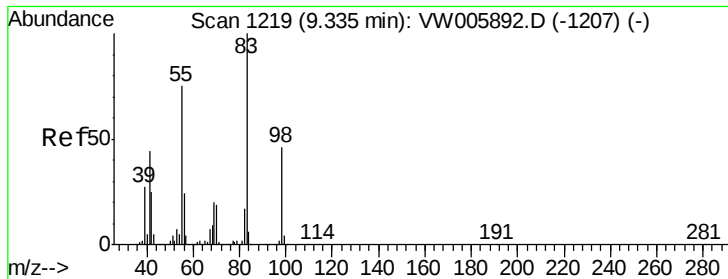
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#35
 Dibromofluoromethane
 Concen: 49.559 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	5392		
111	103.3		82.0	123.0
192	24.7		18.3	27.5





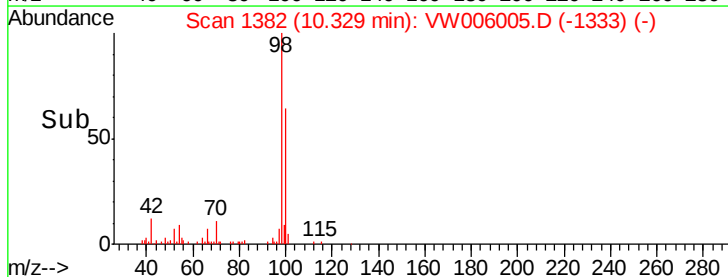
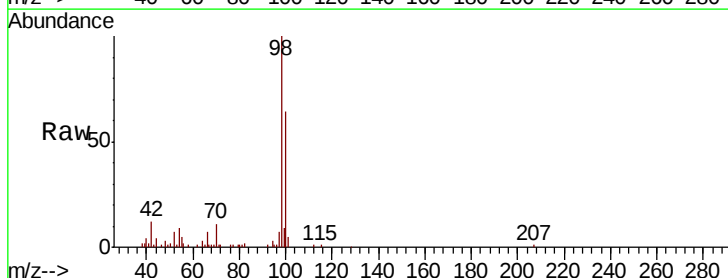
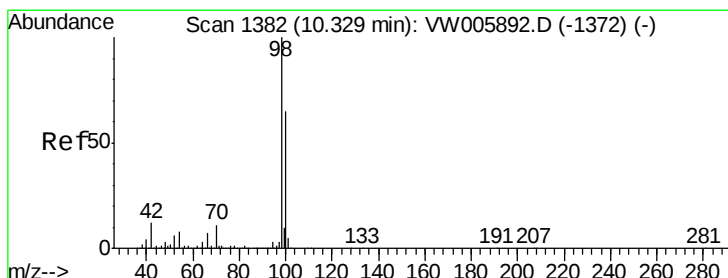
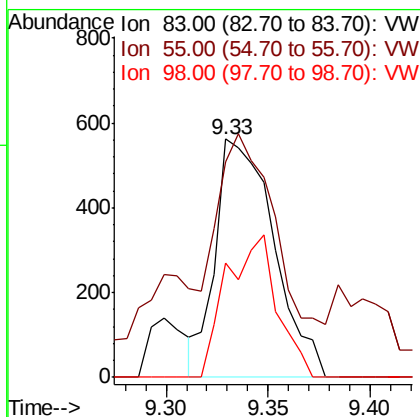
#39
Methylcyclohexane
Concen: 5.214 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tot Ion	Ratio	Lower	Upper
83	100		
55	53.2	59.8	89.6#
98	47.9	37.1	55.7

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

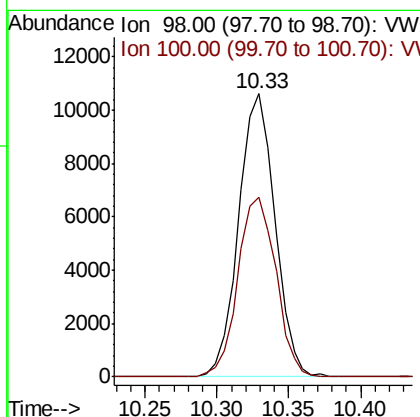
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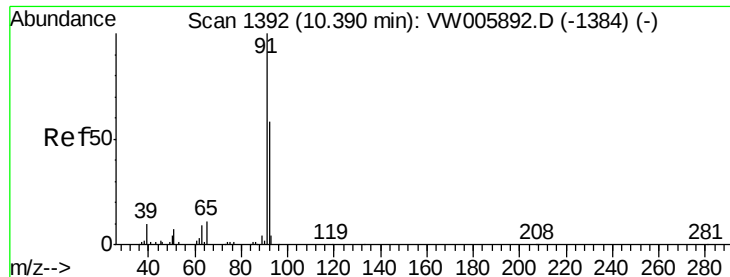
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#50
Toluene-d8
Concen: 44.458 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9





#52

Toluene

Concen: 6.199 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM

Tot Ion: 92 Resp: 1820

Ion Ratio Lower Upper

92 100

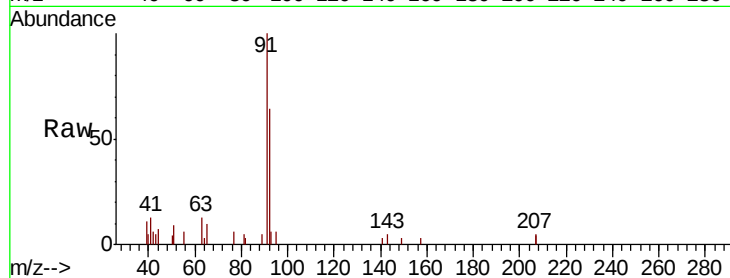
91 193.6 138.2 207.4

Manual Integrations

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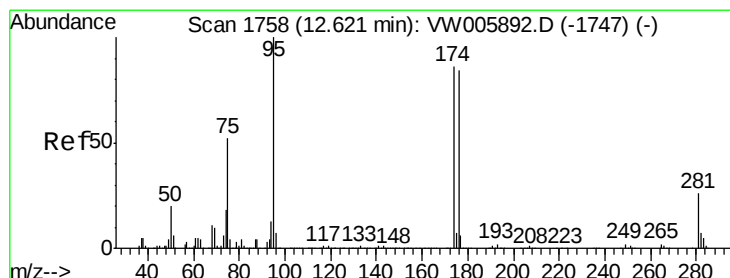
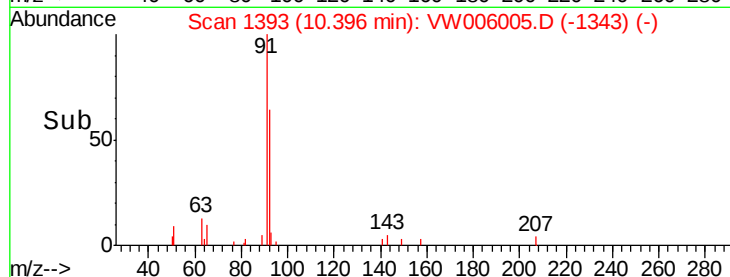
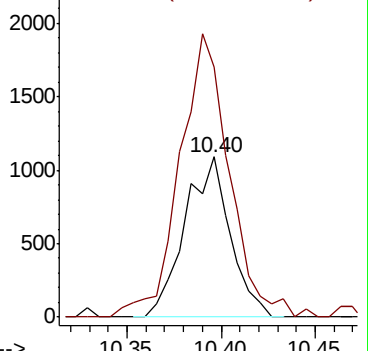
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Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 44.794 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

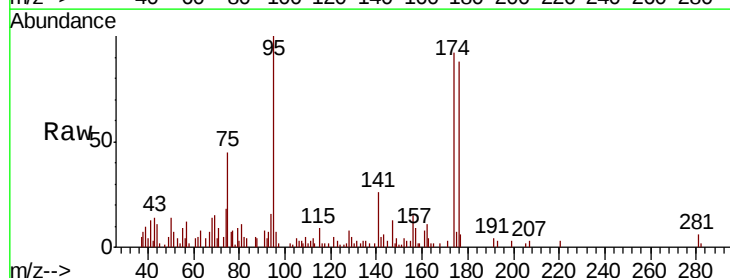
Tgt Ion: 95 Resp: 7134

Ion Ratio Lower Upper

95 100

174 94.0 0.0 176.4

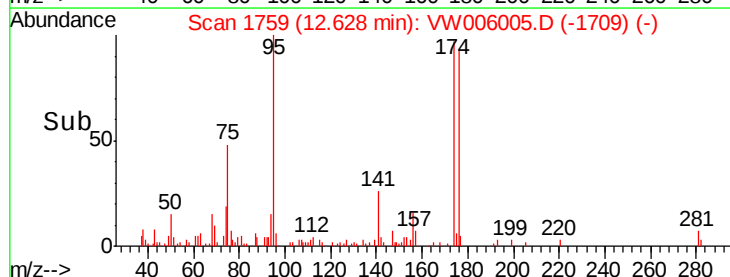
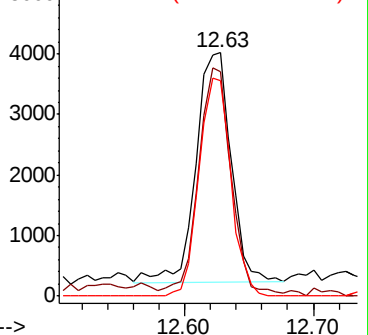
176 85.8 0.0 173.0

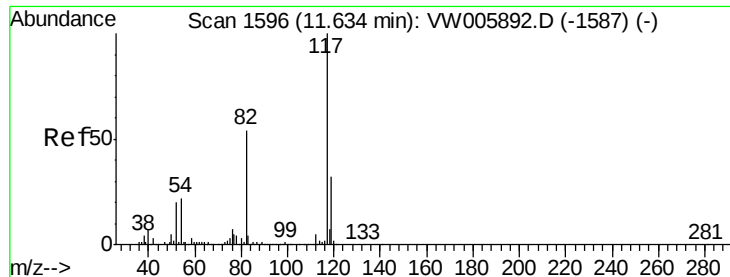


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





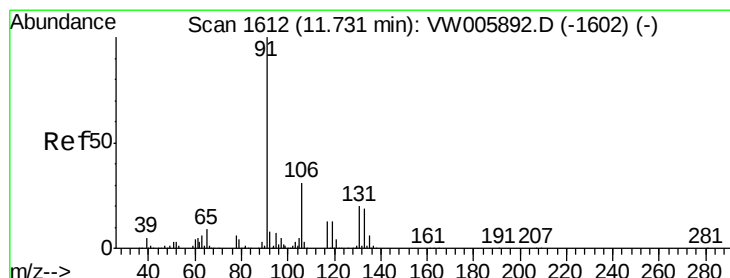
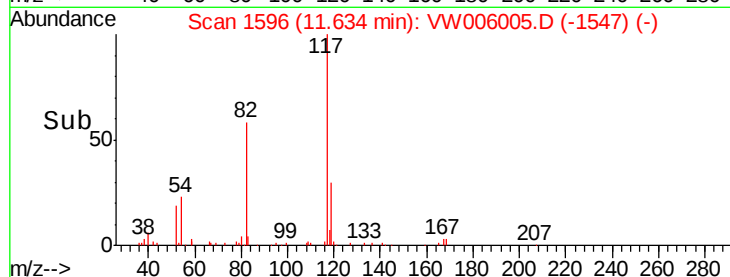
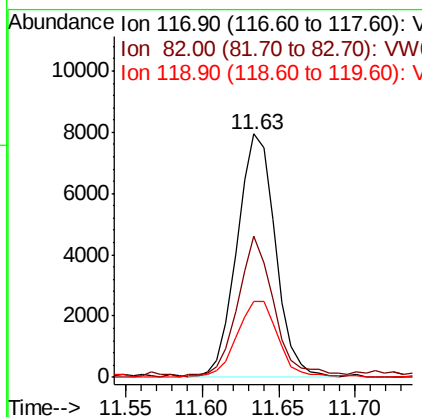
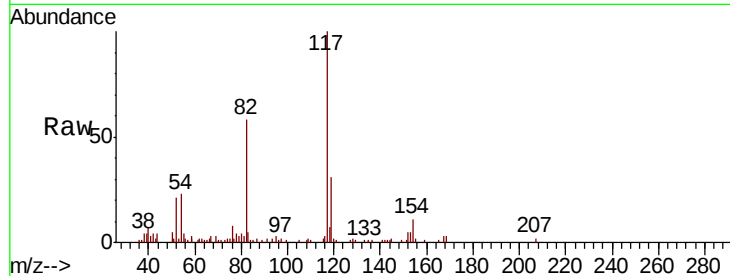
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.5	65.3
119	30.2	25.4	38.2

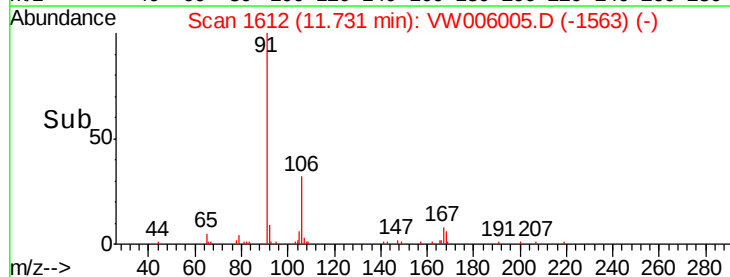
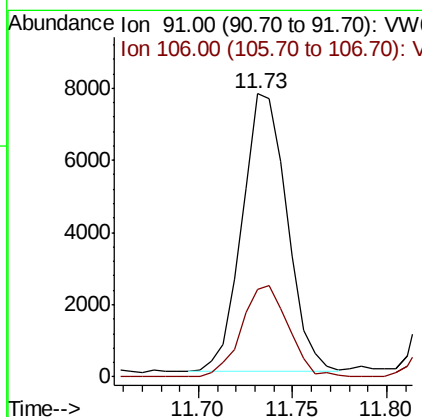
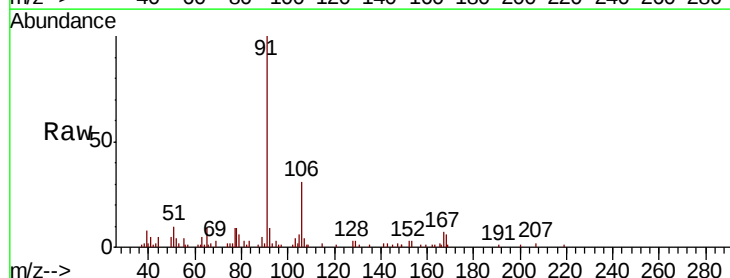
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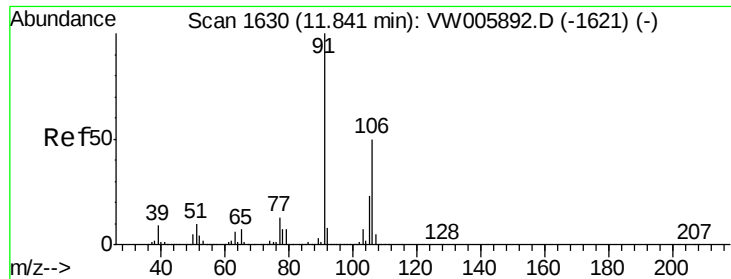
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#67
Ethyl Benzene
Concen: 24.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.0	37.6





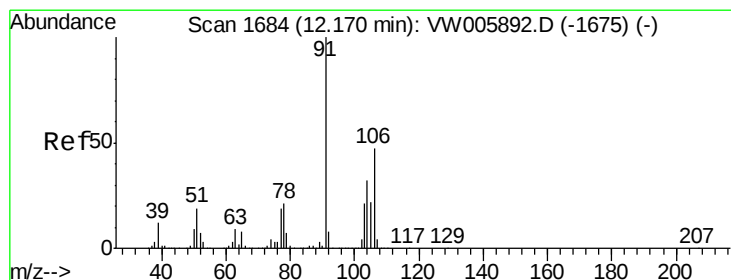
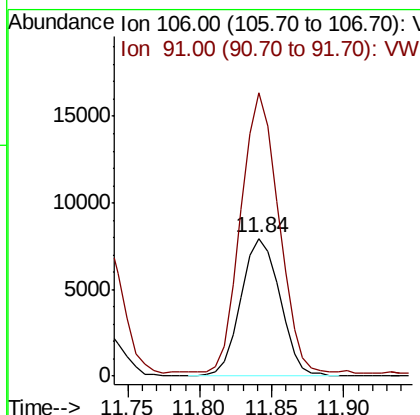
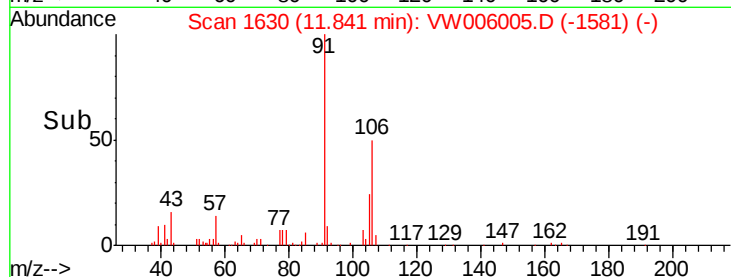
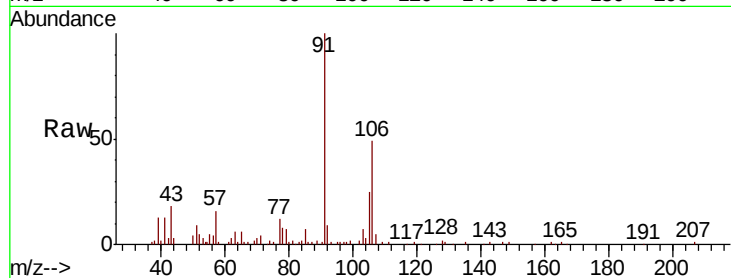
#68
m/p-Xylenes
Concen: 73.026 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion:106 Resp: 14963
Ion Ratio Lower Upper
106 100
91 195.7 160.2 240.2

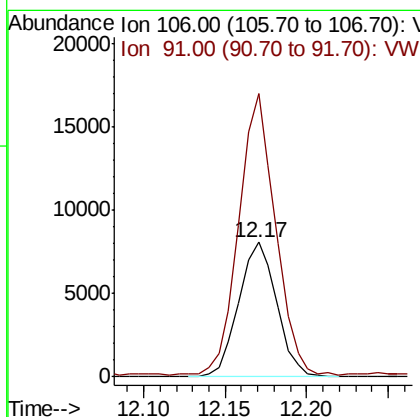
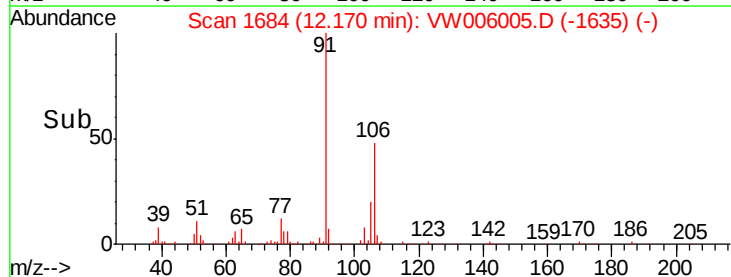
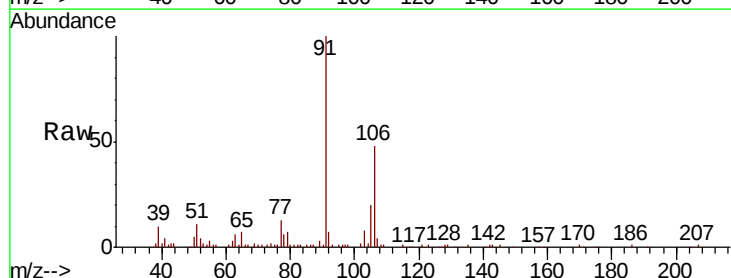
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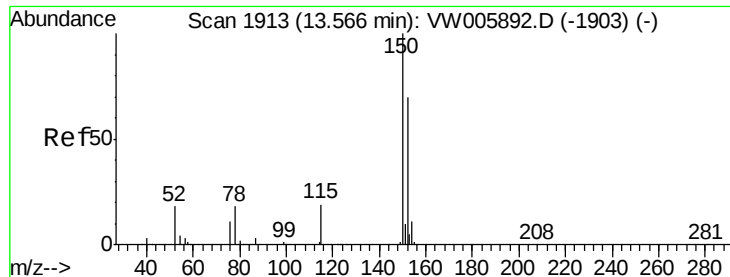
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#69
o-Xylene
Concen: 66.863 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion:106 Resp: 13116
Ion Ratio Lower Upper
106 100
91 198.5 106.2 318.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Instrument :

MSVOA_W

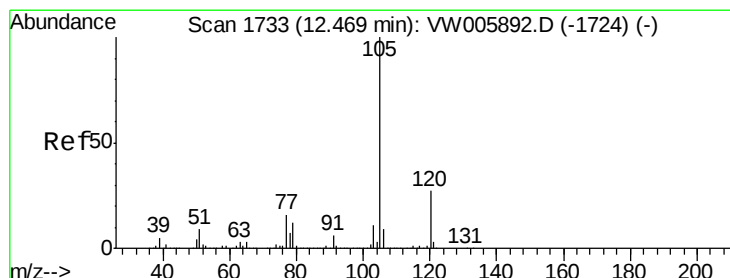
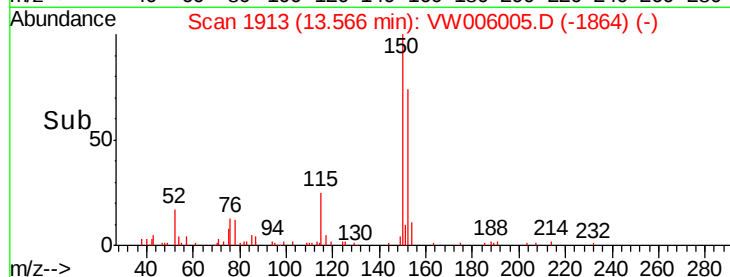
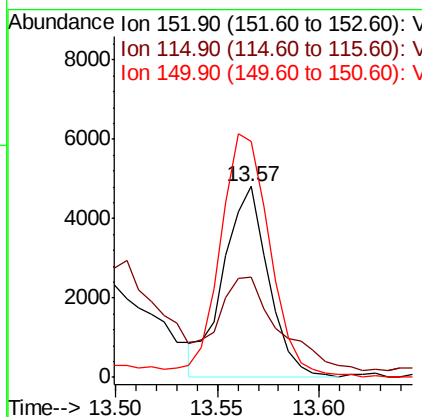
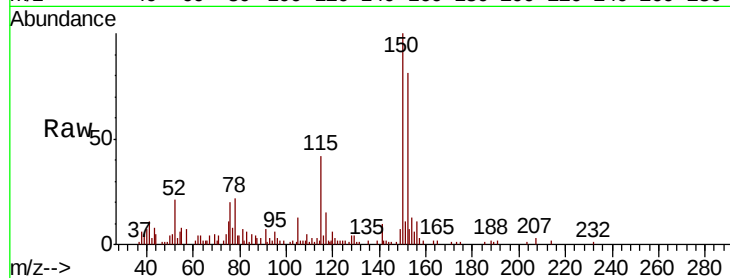
ClientSampleId :

SOIL-DRUM

Tot Ion:	152	Resp:	7387
Ion Ratio	Lower	Upper	
152	100		
115	66.3	28.3	85.0
150	141.6	0.0	349.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 12.973 ug/l

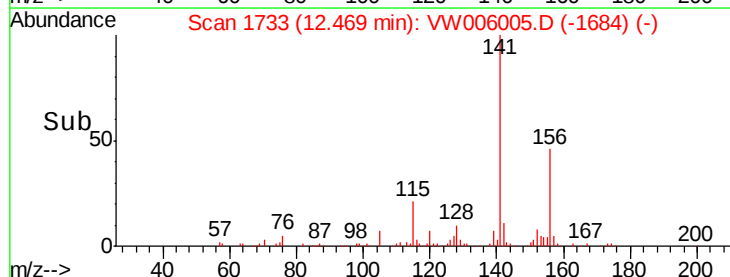
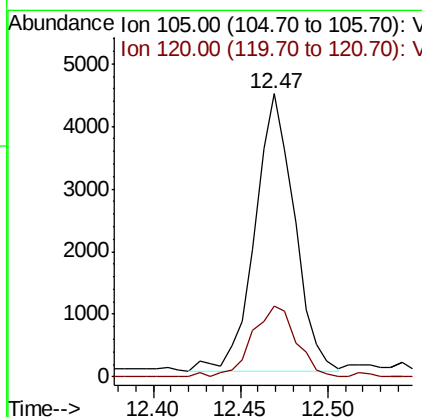
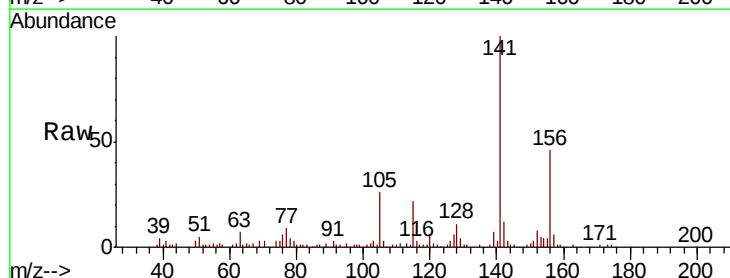
RT: 12.47 min Scan# 1733

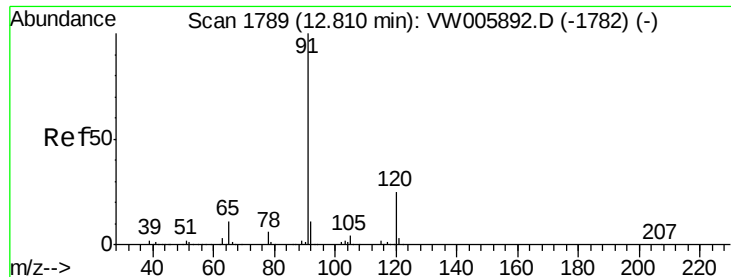
Delta R.T. 0.00 min

Lab File: VW006005.D

Acq: 11 Oct 2018 00:16

Tgt Ion:	105	Resp:	6999
Ion Ratio	Lower	Upper	
105	100		
120	28.3	13.6	40.8





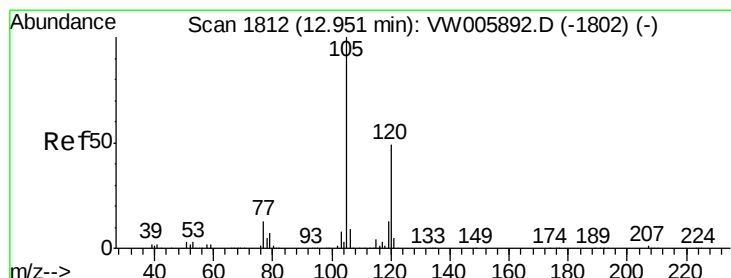
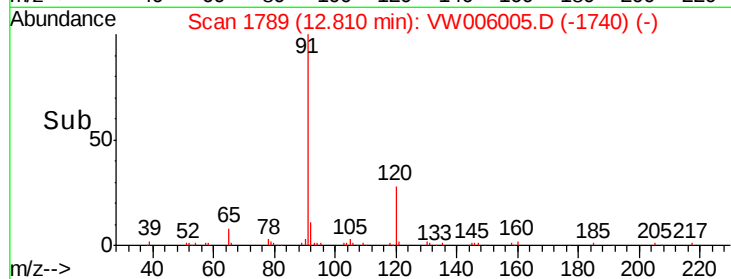
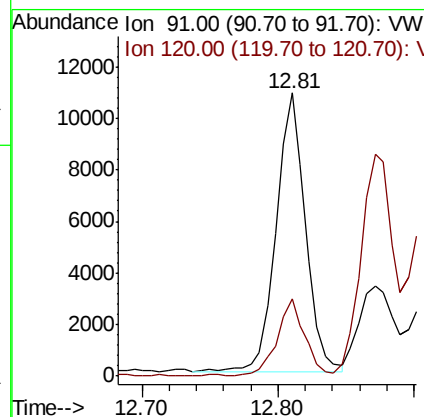
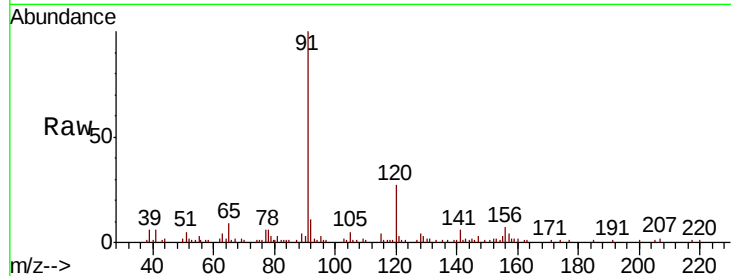
#78
n-propylbenzene
Concen: 25.560 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
91	100		
120	26.5	12.0	36.0

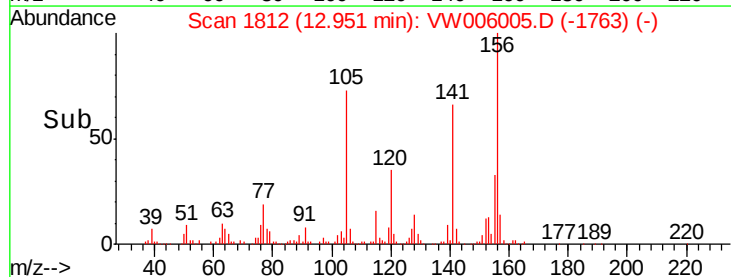
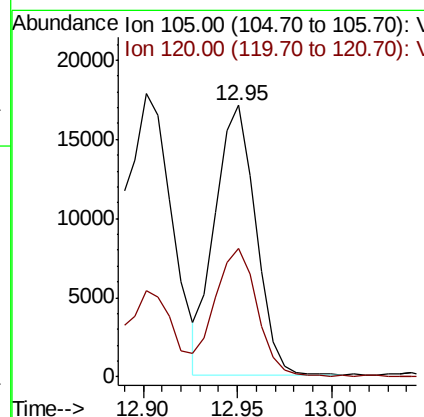
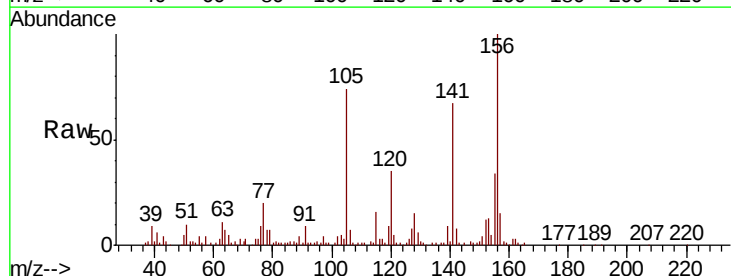
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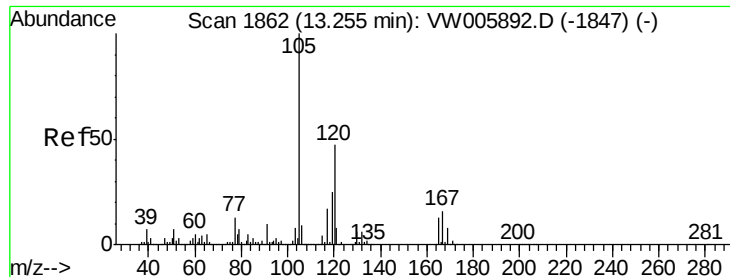
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 55.919 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.6	73.8





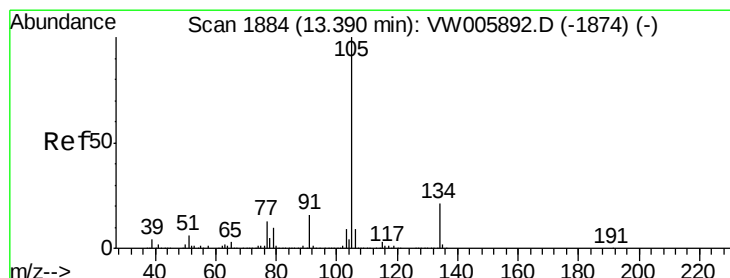
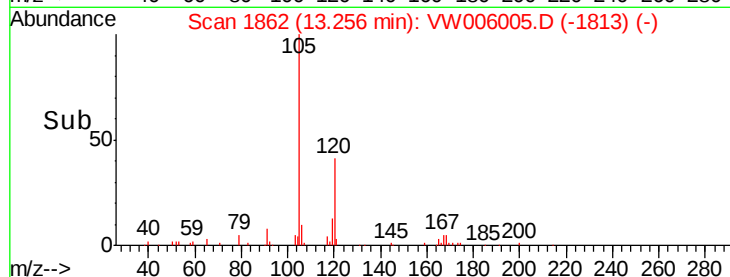
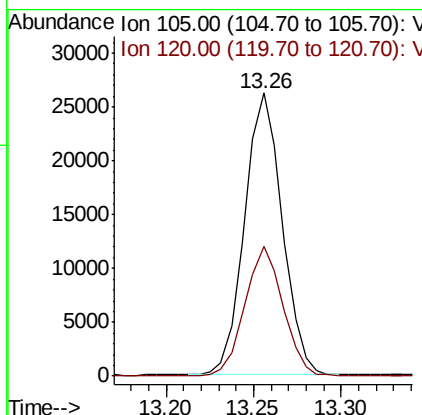
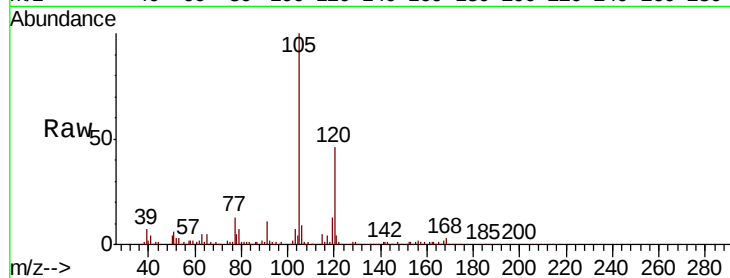
#84
 1,2,4-Trimethylbenzene
 Concen: 85.129 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM

Tot Ion:105 Resp: 39111
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.8 68.3

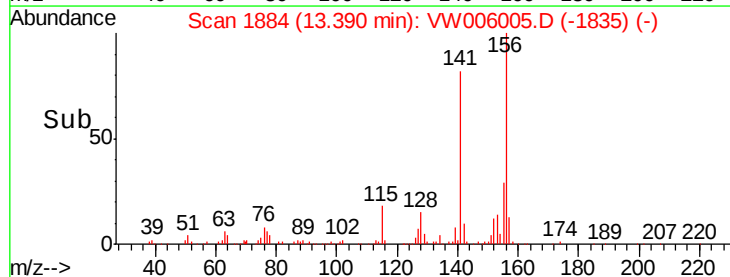
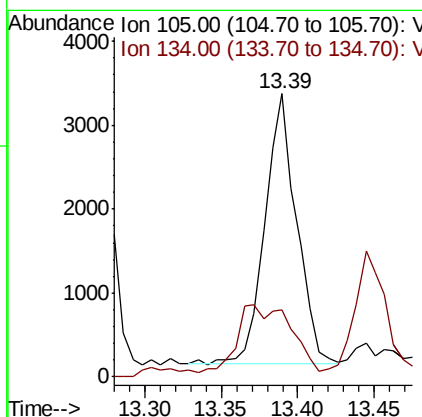
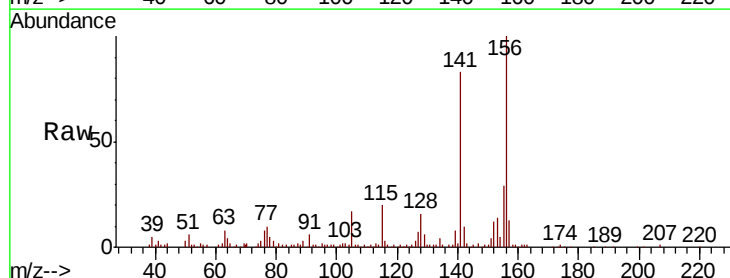
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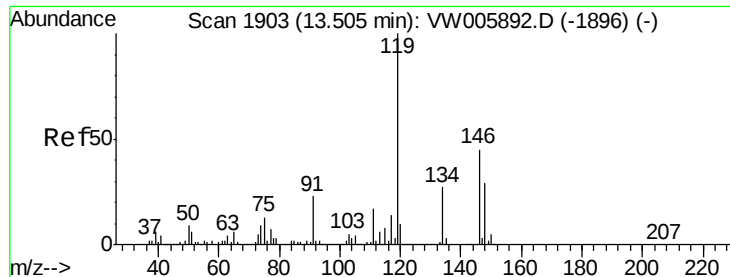
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#85
 sec-Butylbenzene
 Concen: 8.234 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006005.D
 Acq: 11 Oct 2018 00:16

Tgt Ion:105 Resp: 4682
 Ion Ratio Lower Upper
 105 100
 134 46.6 10.4 31.4#





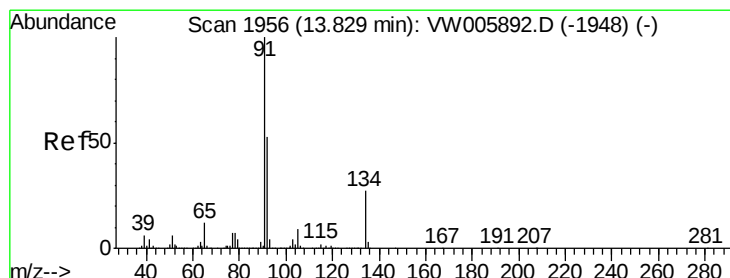
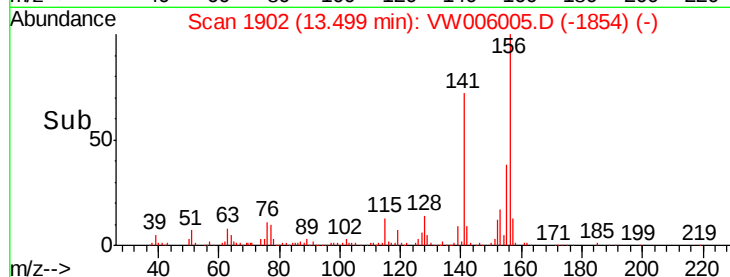
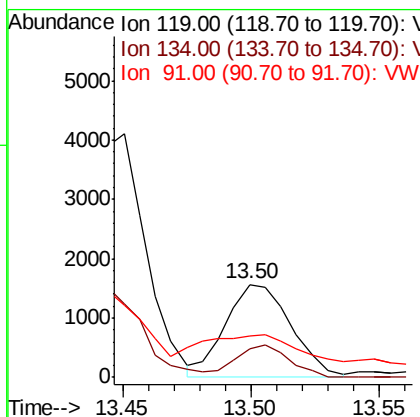
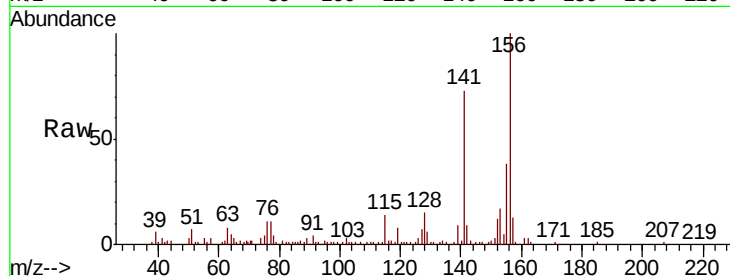
#86
p-Isopropyltoluene
Concen: 5.435 ug/l m
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
119	100		
134	80.0	13.5	40.5#
91	55.5	11.9	35.5#

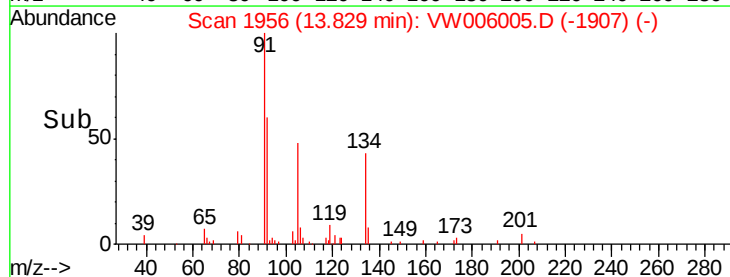
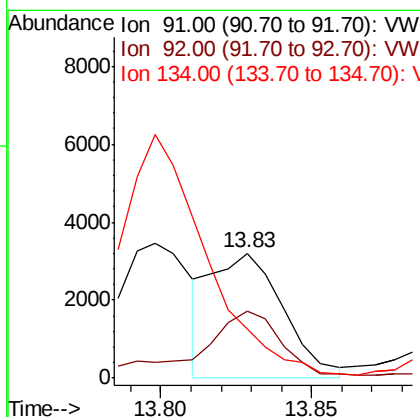
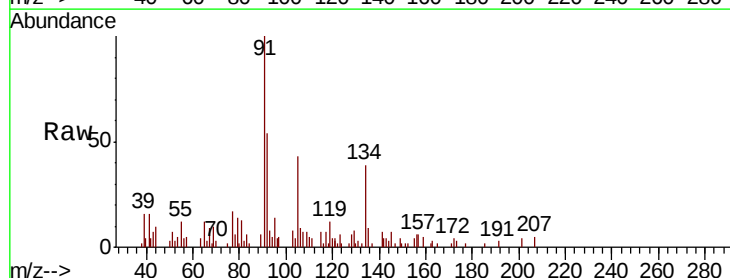
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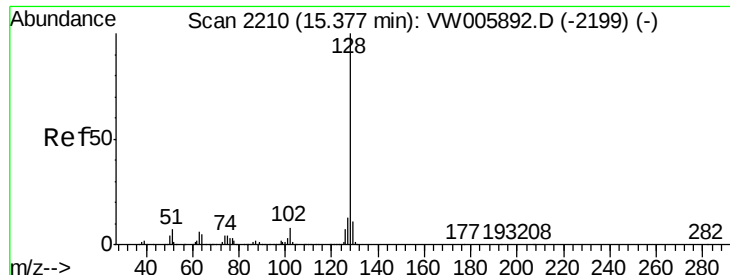
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#89
n-Butylbenzene
Concen: 11.114 ug/l m
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.6	79.8#
134	223.4	13.8	41.4#





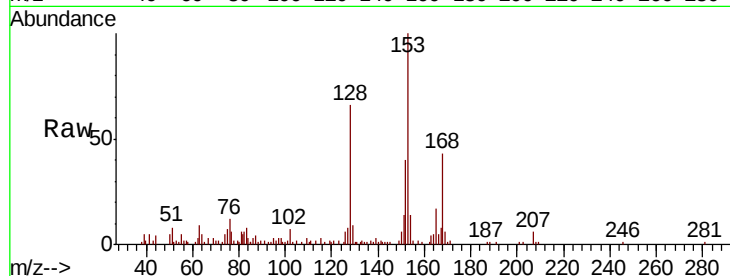
#95
Naphthalene
Concen: 34.732 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006005.D
Acq: 11 Oct 2018 00:16

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM

Tot Ion:	128	Resp:	10465
Ion Ratio	Lower	Upper	
128	100		
127	15.3	10.5	15.7
129	12.7	8.9	13.3

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

