

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005325.D
 Acq On : 12 Sep 2018 15:06
 Operator : SY/AP
 Sample : J4842-01RE
 Misc : 7.36G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SG-SOILRE

Manual Integrations
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Quant Time: Sep 12 17:49:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	12545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4536m	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	5613	59.99	ug/l	0.00
Spiked Amount			Recovery	=	119.98%	
35) Dibromofluoromethane	7.90	113	5727	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	
50) Toluene-d8	10.33	98	15510	29.47	ug/l	0.00
Spiked Amount			Recovery	=	58.94%	
62) 4-Bromofluorobenzene	12.62	95	4370	22.70	ug/l	0.00
Spiked Amount			Recovery	=	45.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	841	48.42	ug/l #	41
20) Methylene Chloride	4.92	84	1296	7.22	ug/l #	75
39) Methylcyclohexane	9.34	83	3771	15.59	ug/l #	90
67) Ethyl Benzene	11.74	91	2031	4.70	ug/l #	85
68) m/p-Xylenes	11.85	106	1709	9.81	ug/l #	71
69) o-Xylene	12.18	106	683	4.22	ug/l #	30
73) Isopropylbenzene	12.48	105	1976	6.17	ug/l	87
78) n-propylbenzene	12.81	91	2743	7.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	19585	71.76	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	13634	49.72	ug/l	99
85) sec-Butylbenzene	13.39	105	6909	20.14	ug/l #	70
86) p-Isopropyltoluene	13.51	119	10096	33.25	ug/l	95

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

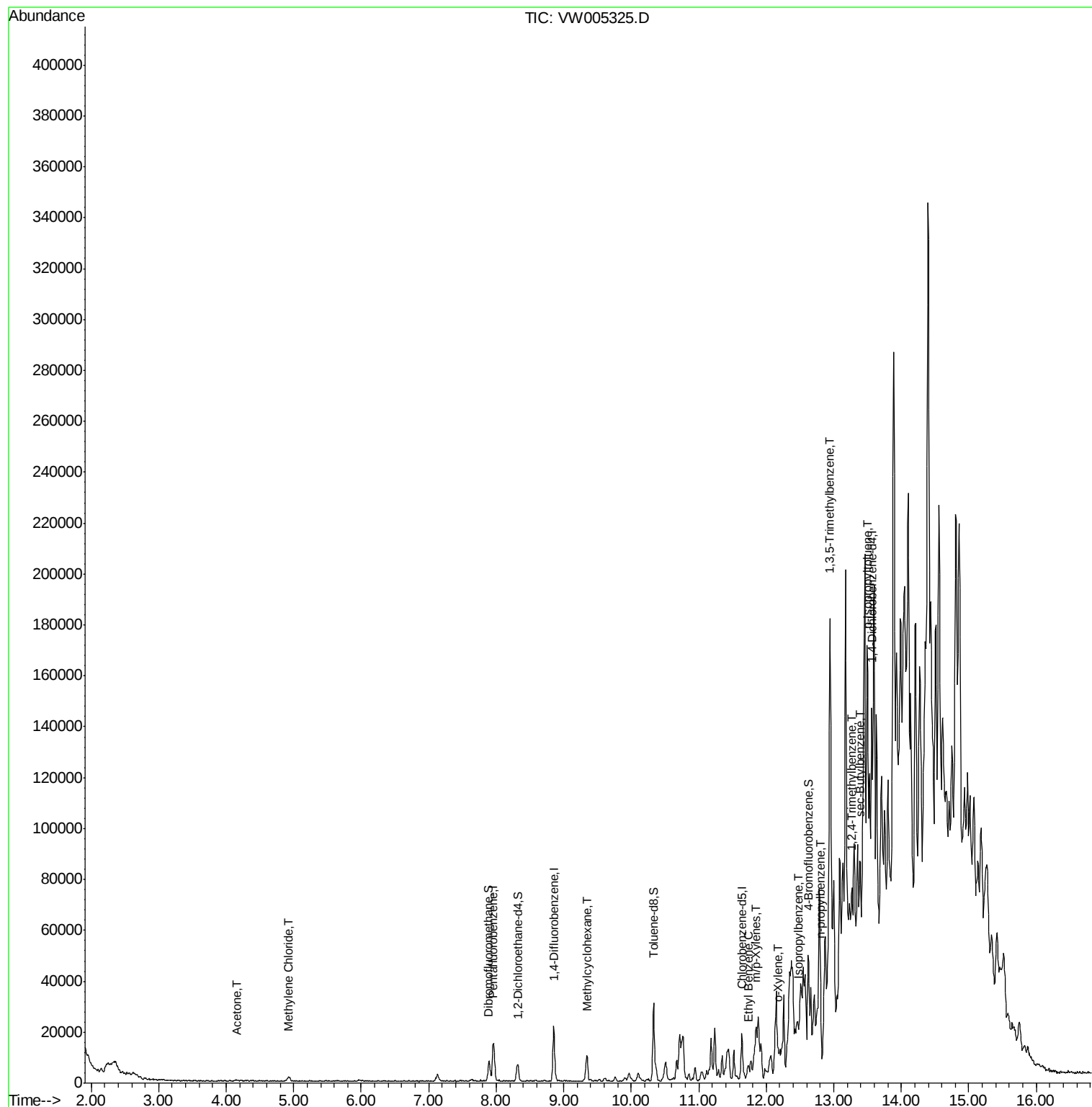
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005325.D
Acq On : 12 Sep 2018 15:06
Operator : SY/AP
Sample : J4842-01RE
Misc : 7.36G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

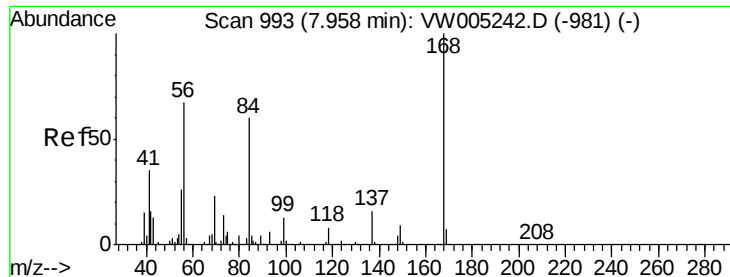
Instrument :
MSVOA_W
ClientSampleId :
SG-SOILRE

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Quant Time: Sep 12 17:49:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

SG-SOILRE

Tot Ion:168 Resp: 12545

Ion Ratio Lower Upper

168 100

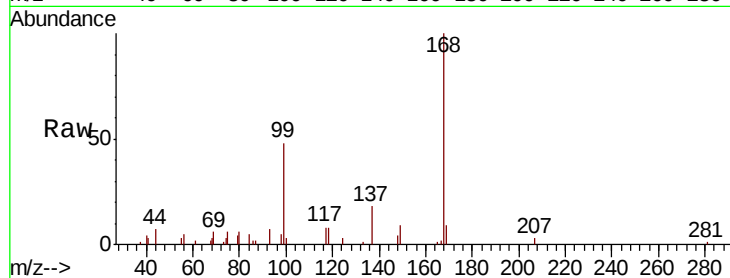
99 48.1 39.1 58.7

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

6000

5000

4000

3000

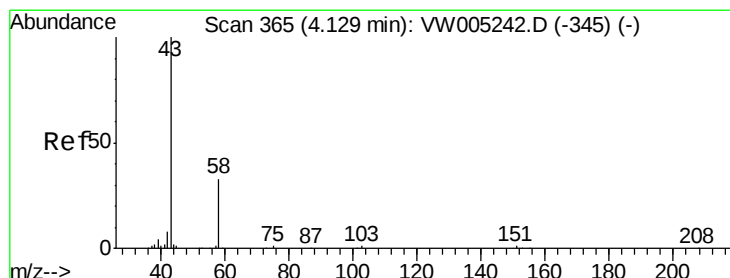
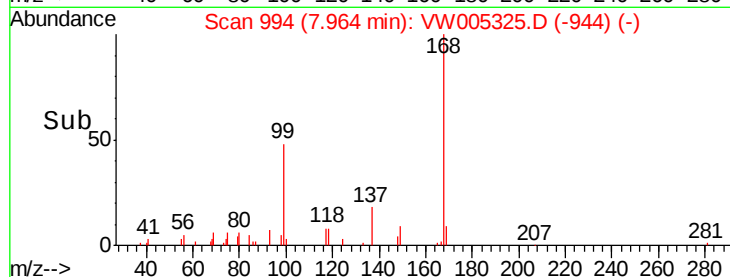
2000

1000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 48.42 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW005325.D

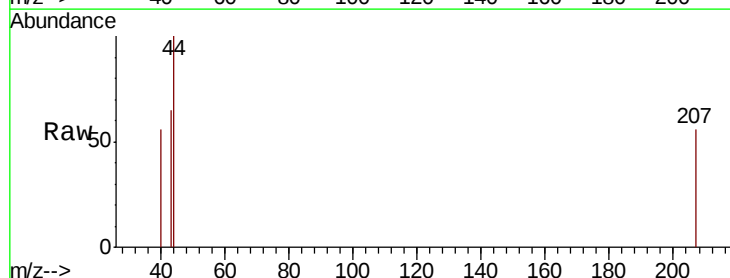
Acq: 12 Sep 2018 15:06

Tgt Ion: 43 Resp: 841

Ion Ratio Lower Upper

43 100

58 0.0 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

300

250

200

150

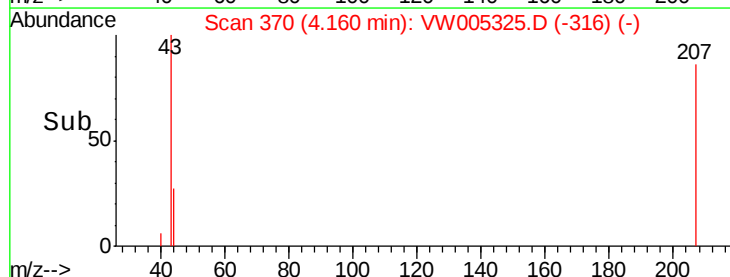
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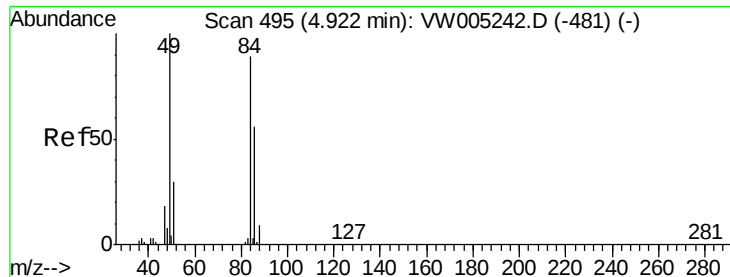
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0

4.10 4.15 4.20

Time-->





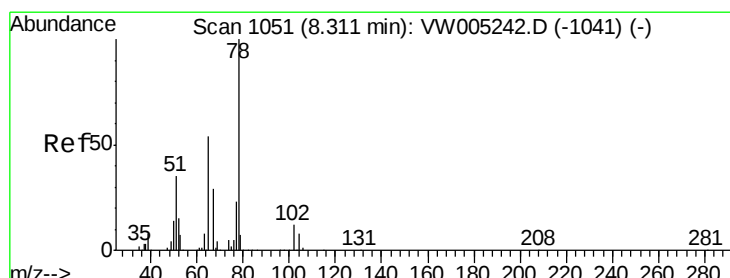
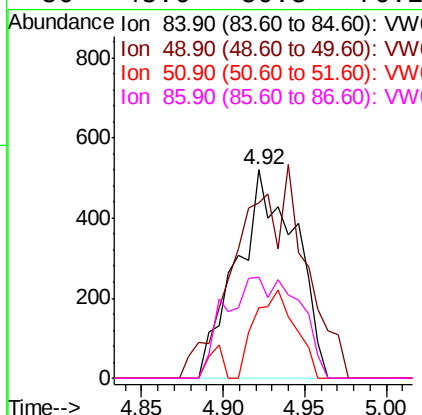
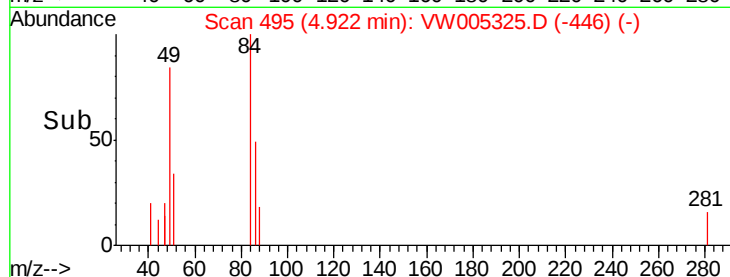
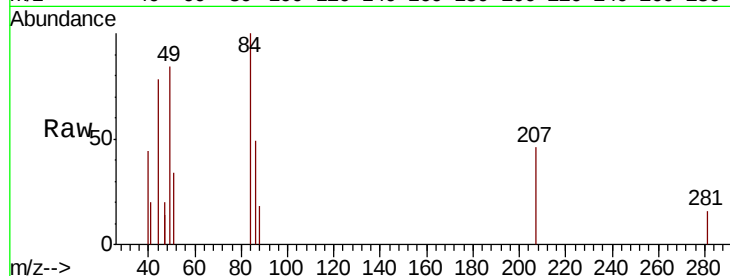
#20
Methylene Chloride
Concen: 7.22 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
SG-SOILRE

Tot Ion	Ratio	Lower	Upper
84	100		
49	73.7	90.3	135.5#
51	33.8	26.9	40.3
86	48.6	50.8	76.2#

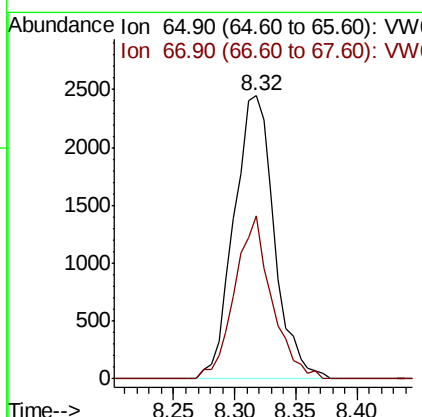
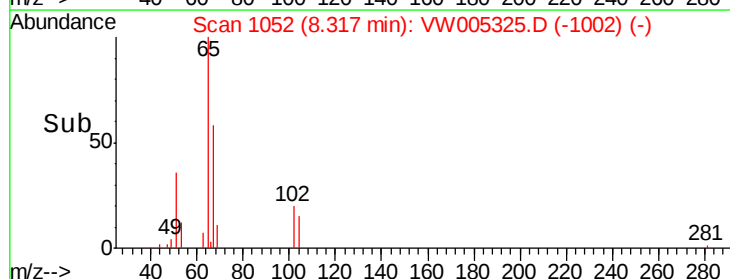
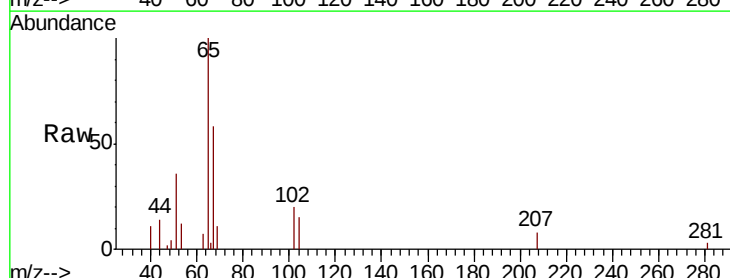
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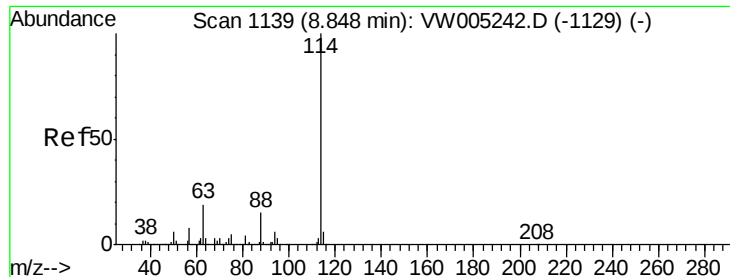
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#33
1,2-Dichloroethane-d4
Concen: 59.99 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	112.2





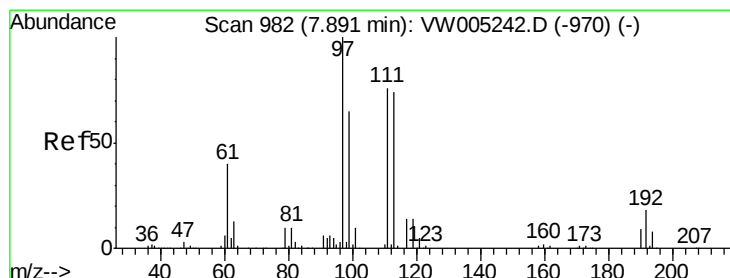
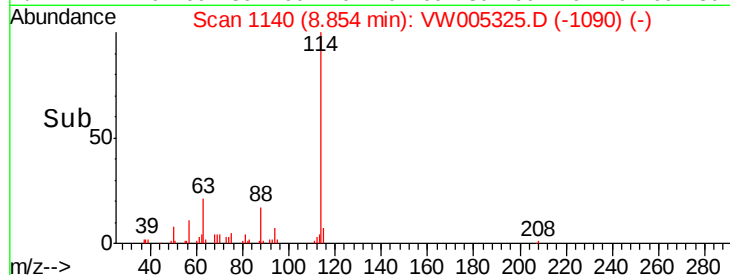
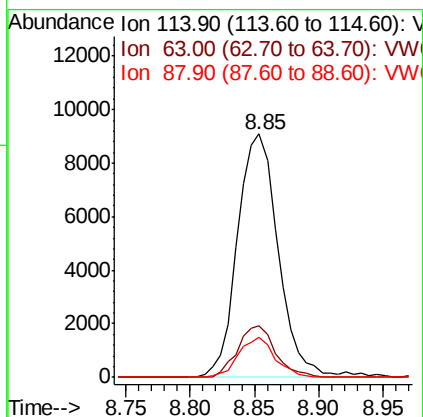
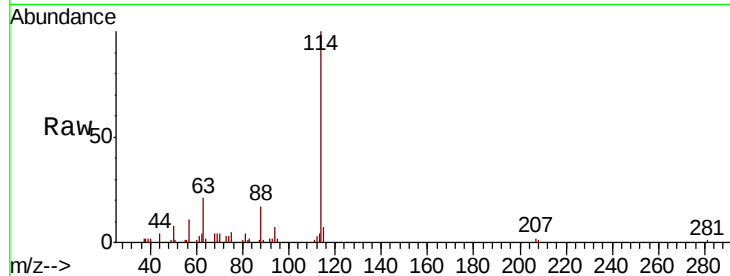
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 SG-SOILRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.0
88	16.7	0.0	30.4

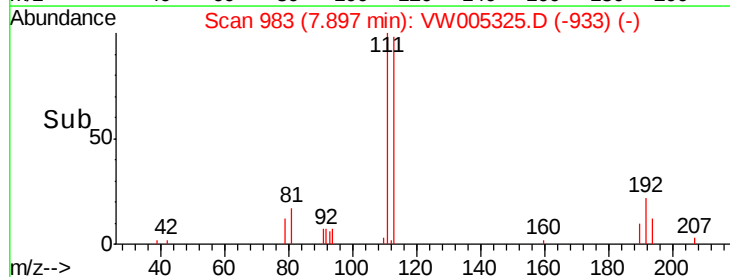
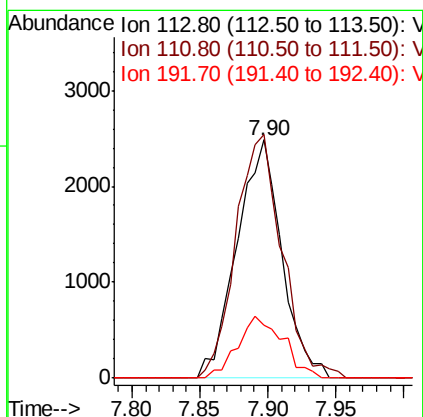
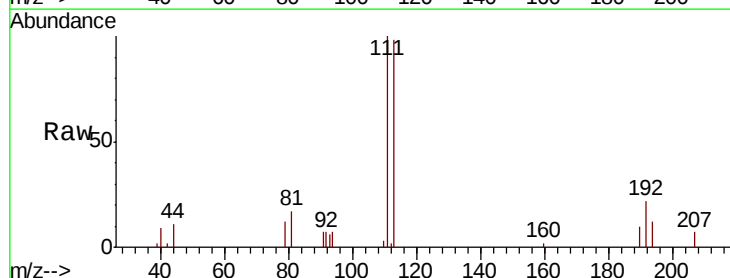
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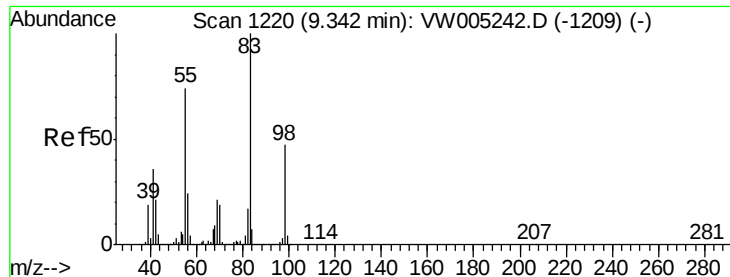
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#35
 Dibromofluoromethane
 Concen: 54.98 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	80.6	121.0
192	26.2	18.3	27.5





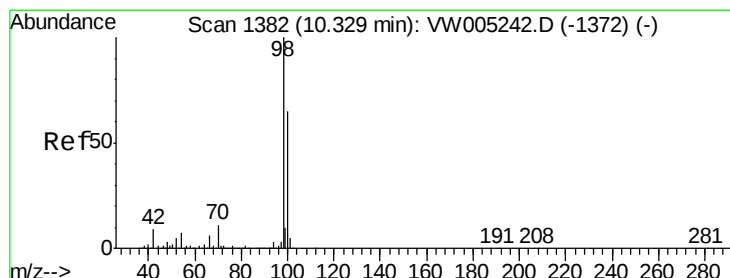
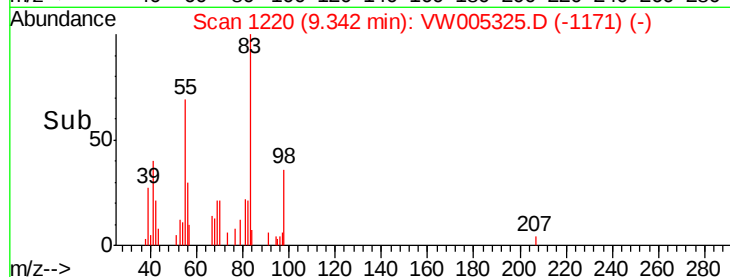
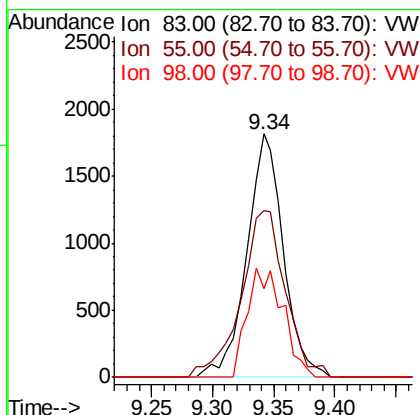
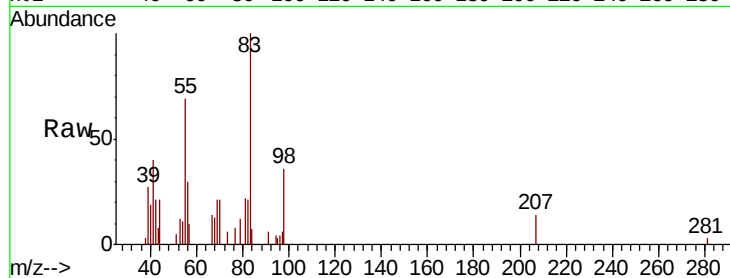
#39
Methvlcvclohexane
Concen: 15.59 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
SG-SOILRE

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	58.9	88.3
98	36.5	37.6	56.4#

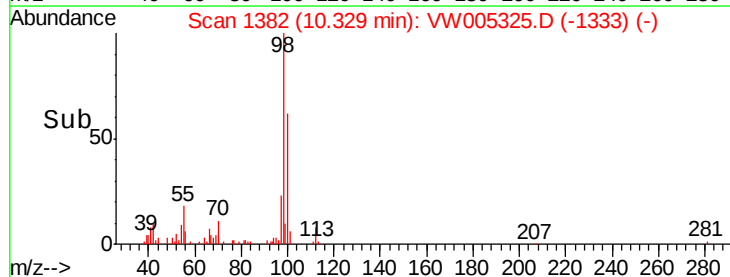
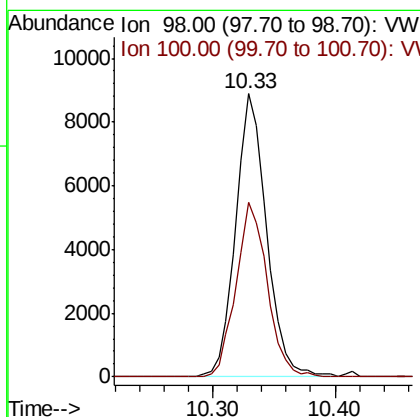
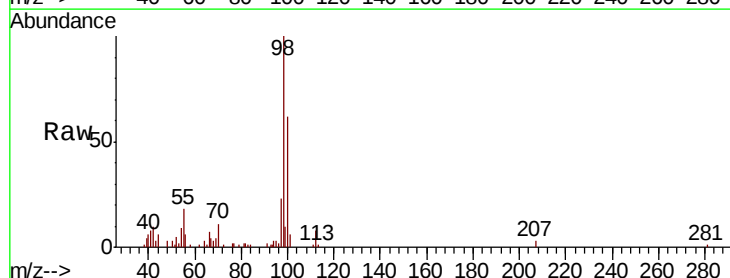
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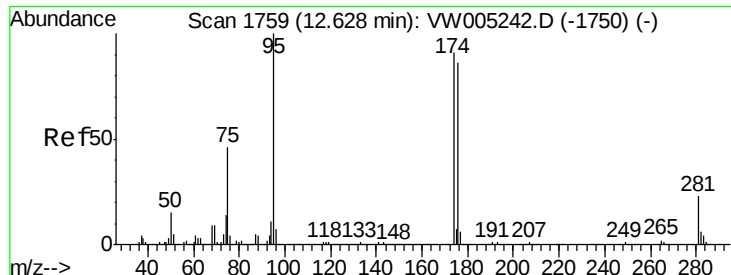
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#50
Toluene-d8
Concen: 29.47 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.0	78.0





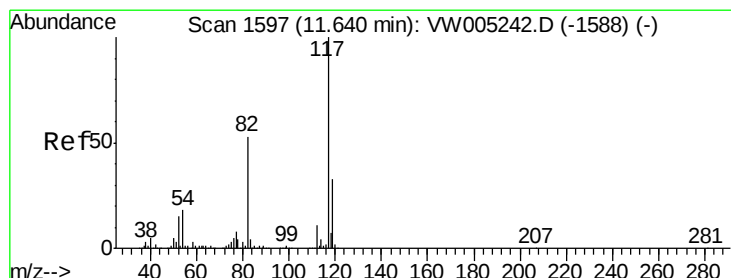
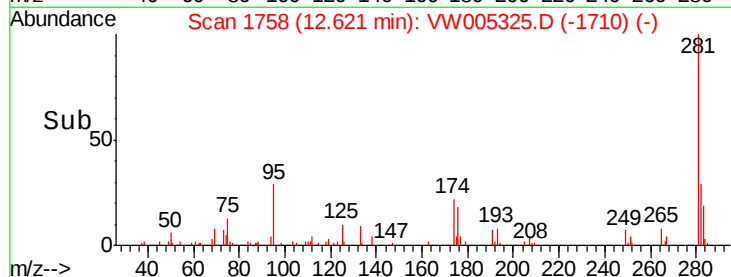
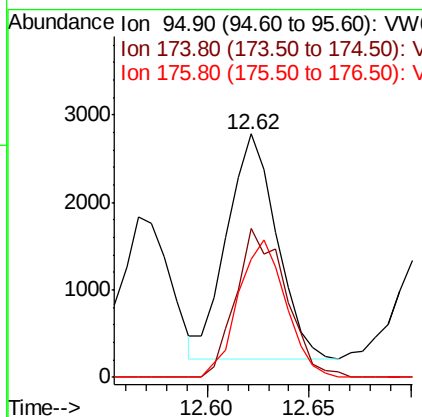
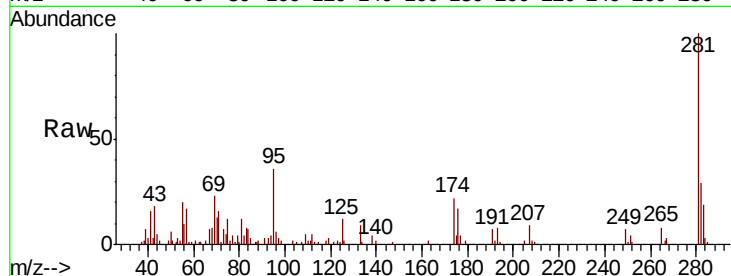
#62
4-Bromofluorobenzene
Concen: 22.70 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampled :
SG-SOILRE

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	174.6
176	58.1	0.0	167.6

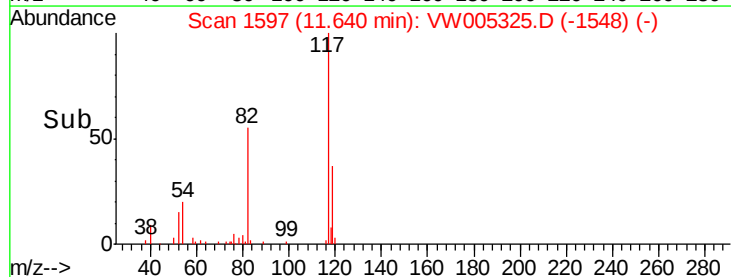
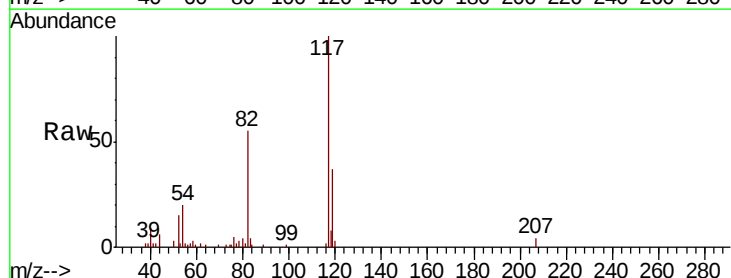
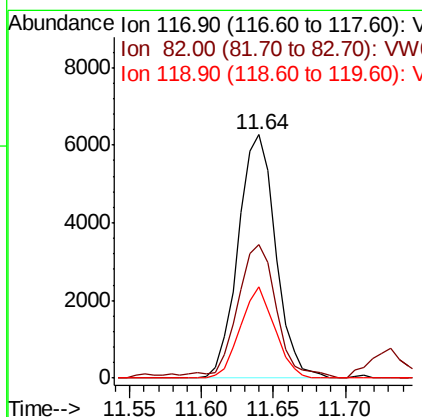
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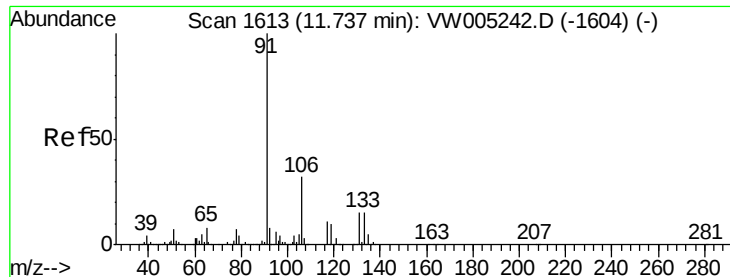
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.6	63.8
119	37.5	26.2	39.4





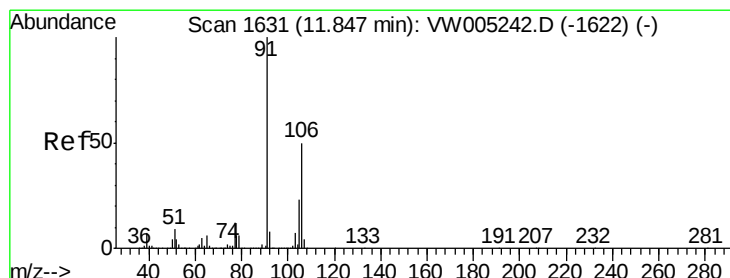
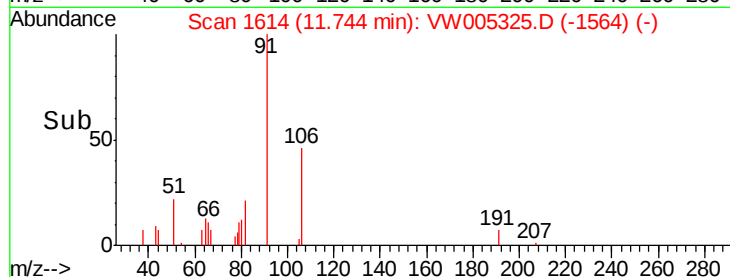
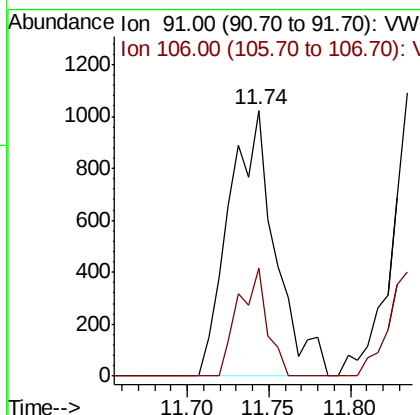
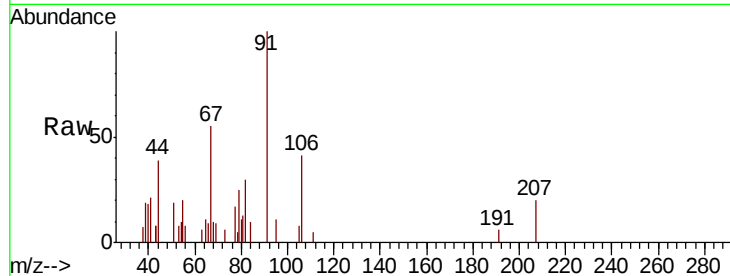
#67
Ethyl Benzene
Concen: 4.70 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampled :
SG-SOILRE

Tot Ion: 91 Resp: 2031
Ion Ratio Lower Upper
91 100
106 40.6 25.6 38.4#

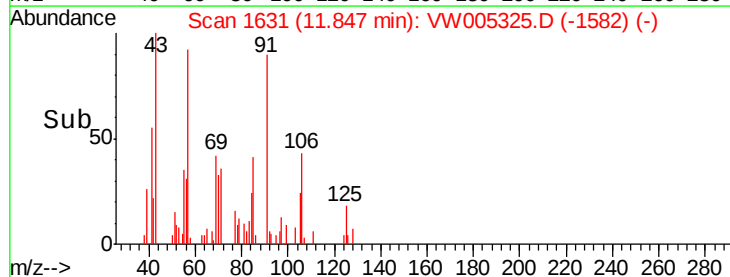
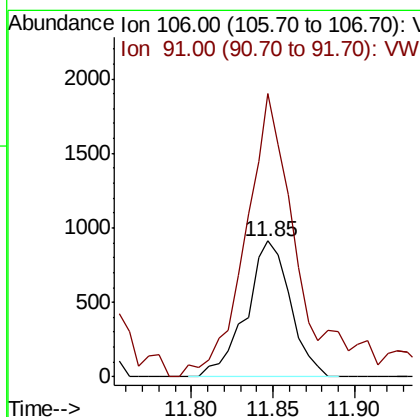
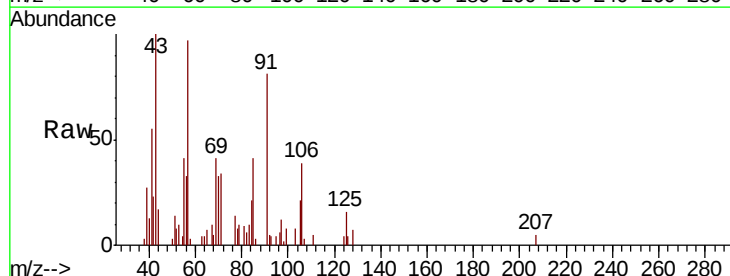
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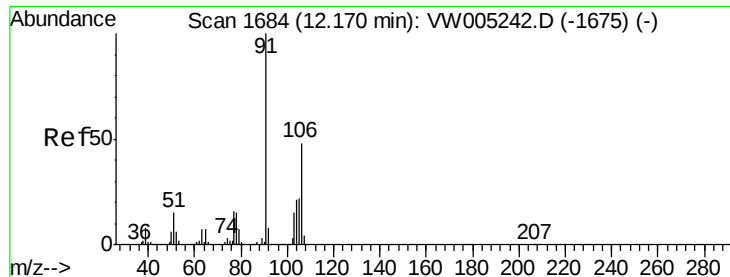
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#68
m/p-Xylenes
Concen: 9.81 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion: 106 Resp: 1709
Ion Ratio Lower Upper
106 100
91 244.4 160.2 240.2#





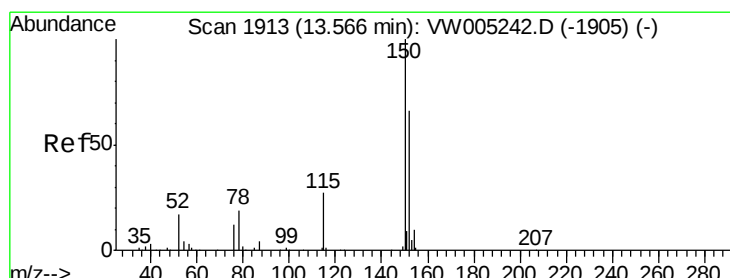
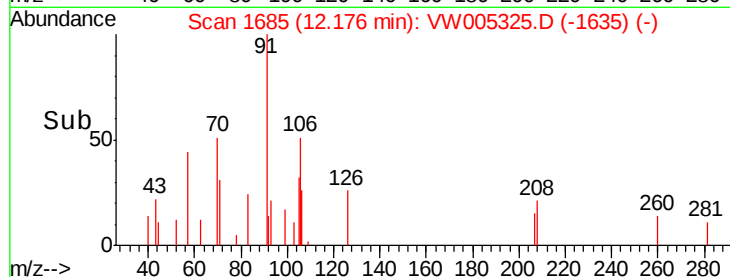
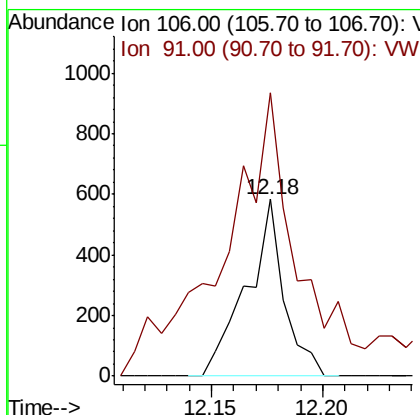
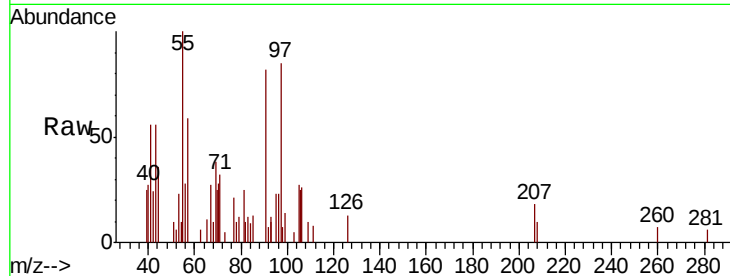
#69
o-Xylene
Concen: 4.22 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampled :
SG-SOILRE

Tot Ion:106 Resp: 683
Ion Ratio Lower Upper
106 100
91 316.7 104.1 312.3#

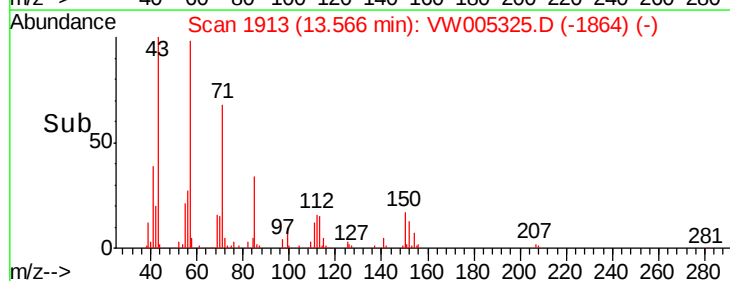
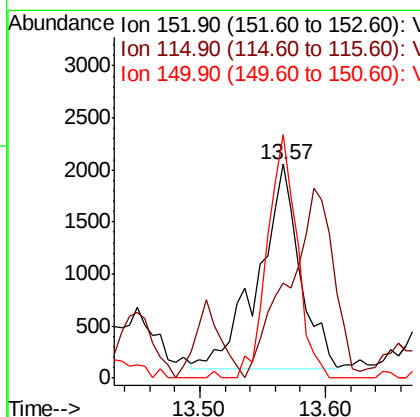
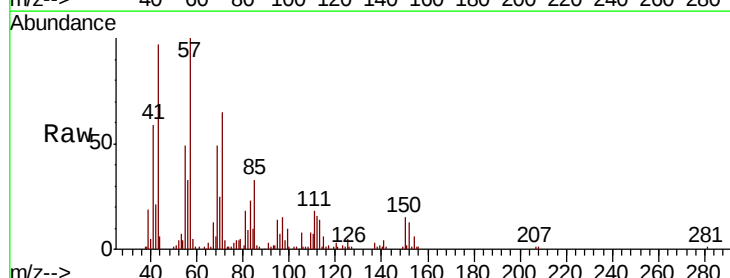
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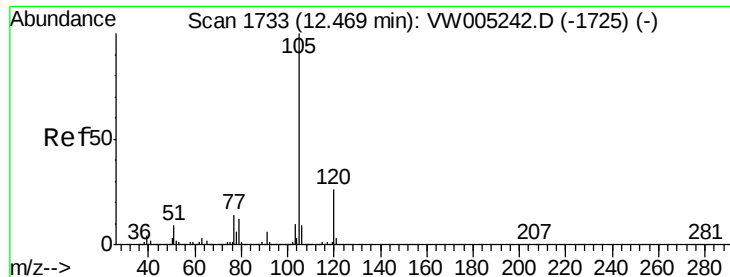
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l m
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion:152 Resp: 4536
Ion Ratio Lower Upper
152 100
115 26.2 27.5 82.4#
150 8.9 0.0 347.4





#73

Isopropylbenzene

Concen: 6.17 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

SG-SOILRE

Tot Ion: 105 Resp: 1976

Ion Ratio Lower Upper

105 100

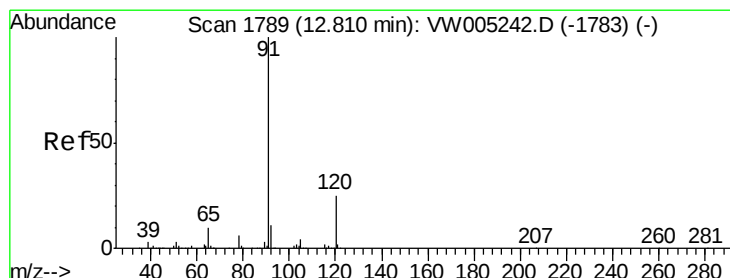
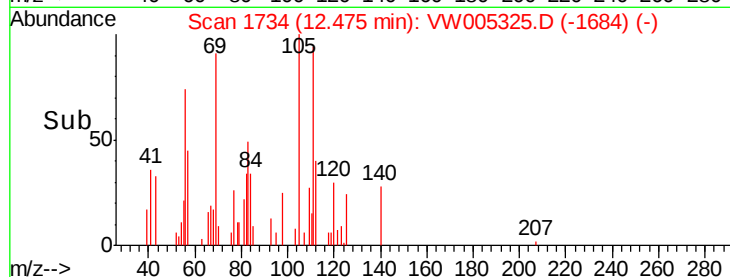
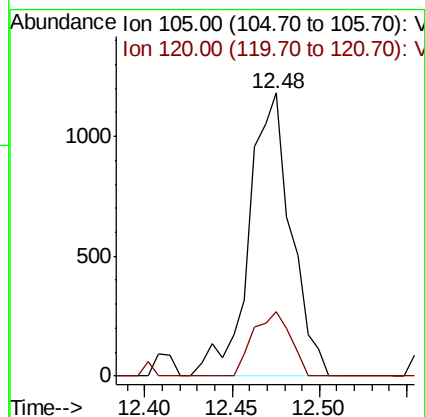
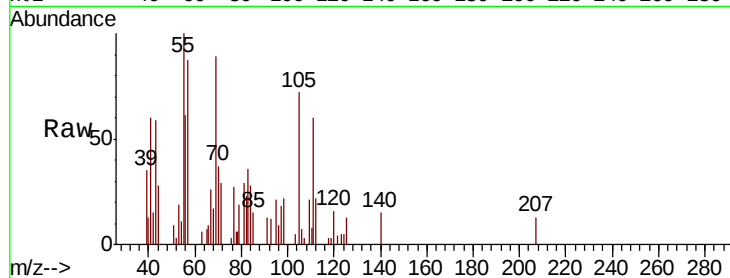
120 20.0 13.4 40.1

Manual Integrations

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#78

n-propylbenzene

Concen: 7.13 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005325.D

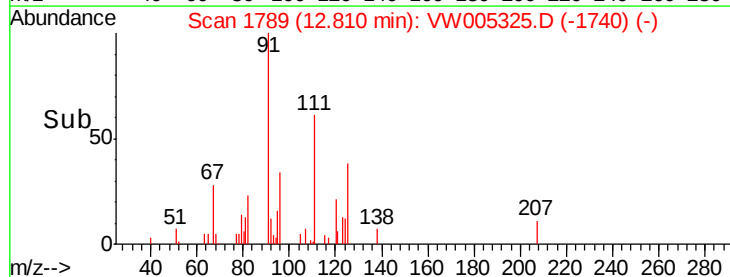
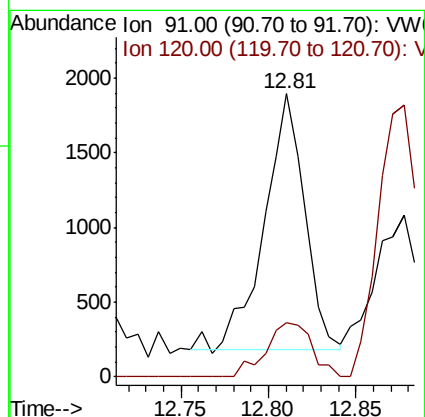
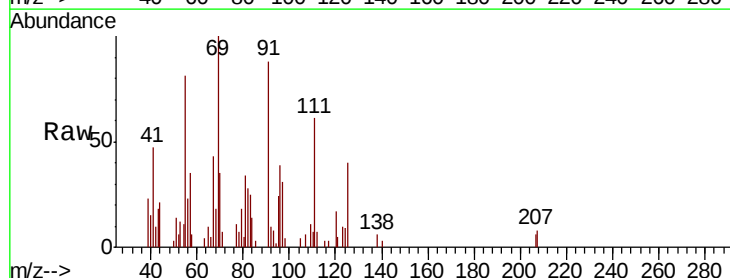
Acq: 12 Sep 2018 15:06

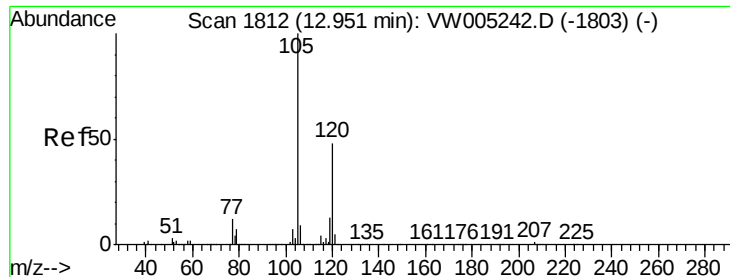
Tgt Ion: 91 Resp: 2743

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0





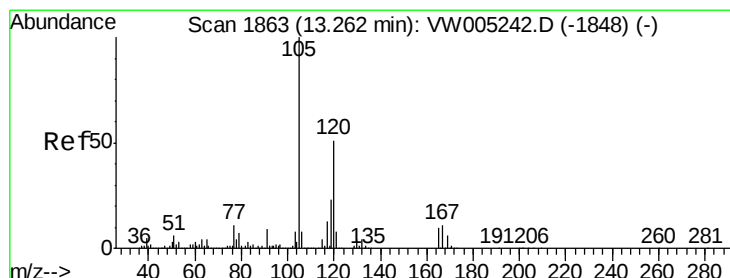
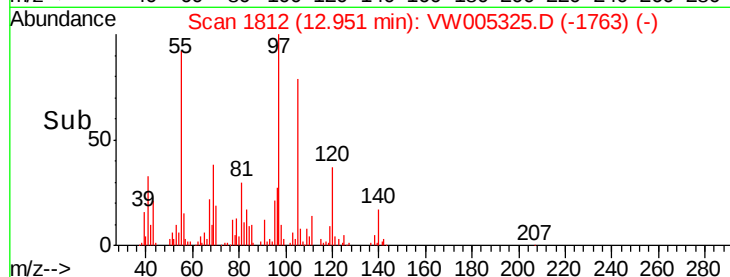
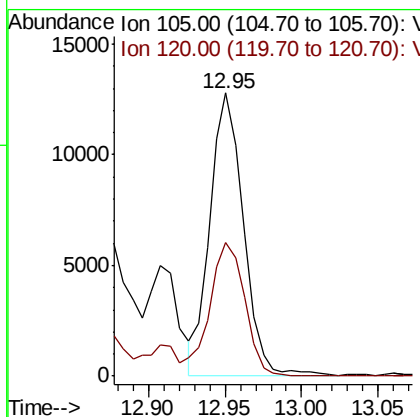
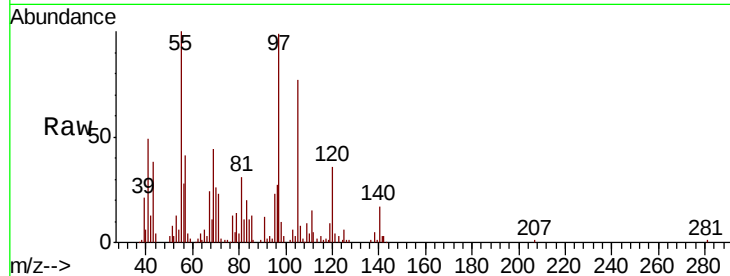
#80
 1,3,5-Trimethylbenzene
 Concen: 71.76 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 SG-SOILRE

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.4	73.4

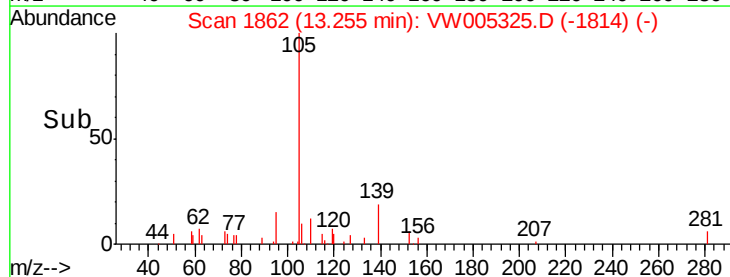
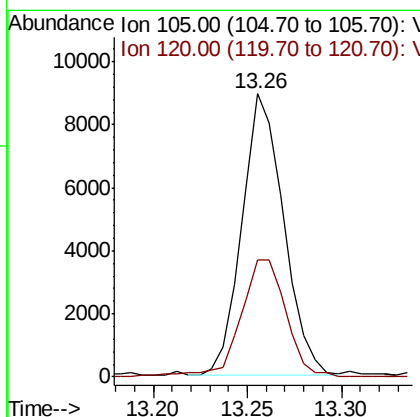
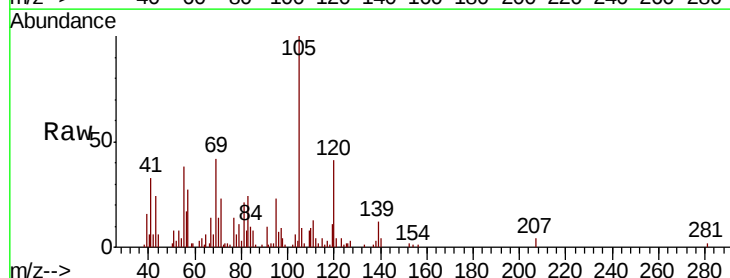
Manual Integrations
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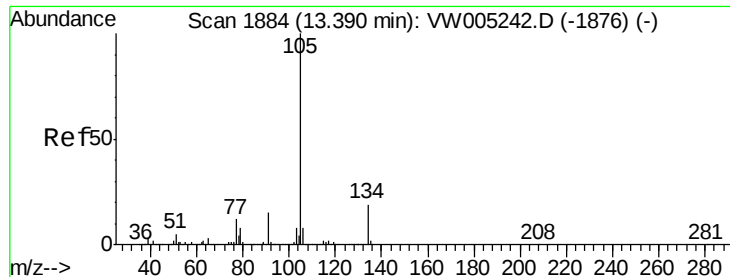
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.72 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





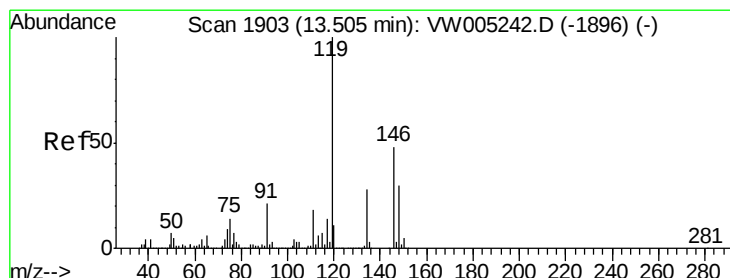
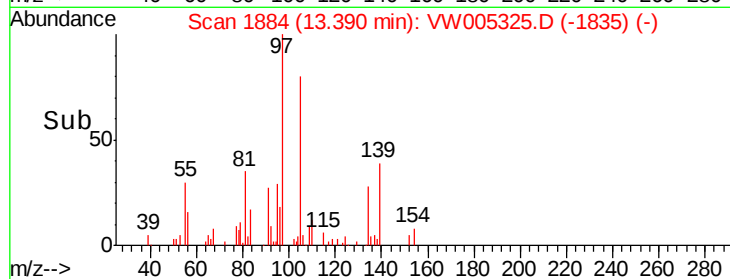
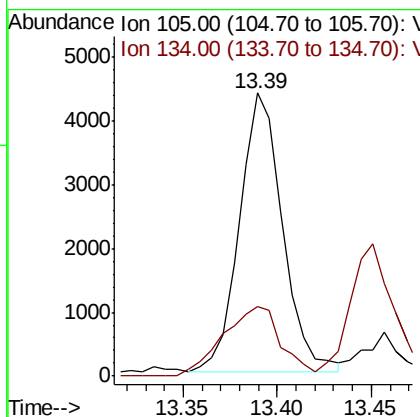
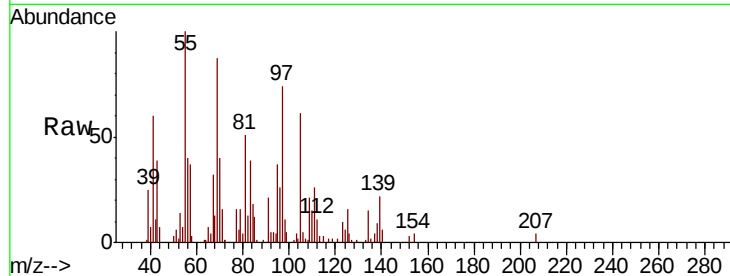
#85
 sec-Butylbenzene
 Concen: 20.14 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleID :
 SG-SOILRE

Tot Ion	Ratio	Lower	Upper
105	100		
134	33.7	9.9	29.7#

Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 33.25 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.2	39.5
91	18.9	10.7	32.1

