

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006218.D
 Acq On : 19 Oct 2018 11:40
 Operator : VA/AP
 Sample : J5590-01
 Misc : 6.39G/5ML/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LS-SOIL-1

Manual Integrations
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Quant Time: Oct 19 13:43:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95424	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	7.89	113	97243	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	10.33	98	344693	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
62) 4-Bromofluorobenzene	12.62	95	110923	38.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.12%	
Target Compounds						
16) Acetone	4.15	43	29907	71.85	ug/l	99
20) Methylene Chloride	4.92	84	25694	11.29	ug/l	96
25) 2-Butanone	7.19	43	4976	9.52	ug/l #	82
67) Ethyl Benzene	11.74	91	11796m	1.09	ug/l	
68) m/p-Xylenes	11.84	106	19681	4.61	ug/l	97
69) o-Xylene	12.17	106	6359	1.56	ug/l	100

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

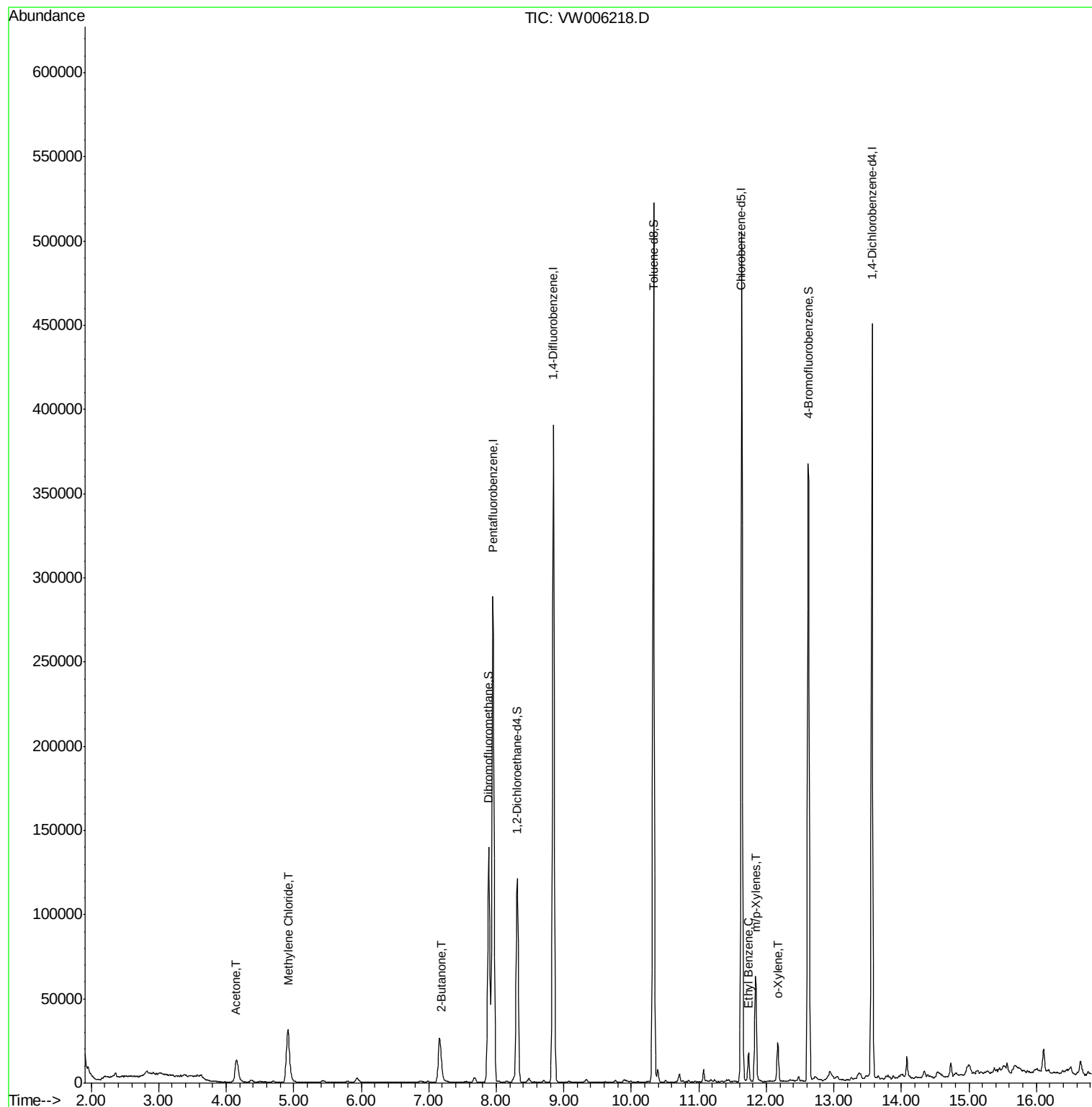
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006218.D
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ALS Vial : 55 Sample Multiplier: 1

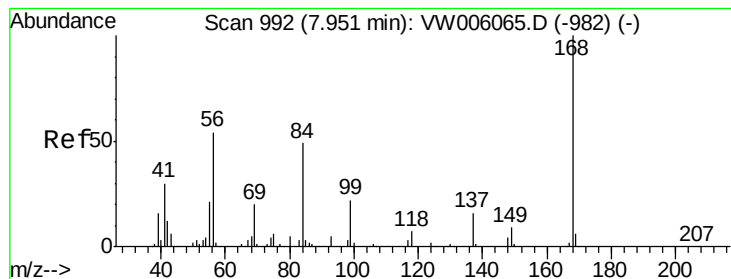
Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-1

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Quant Time: Oct 19 13:43:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006218.D

Acq: 19 Oct 2018 11:40

Instrument :

MSVOA_W

ClientSampled :

LS-SOIL-1

Tgt Ion: 168 Resp: 233368

Ion Ratio Lower Upper

168 100

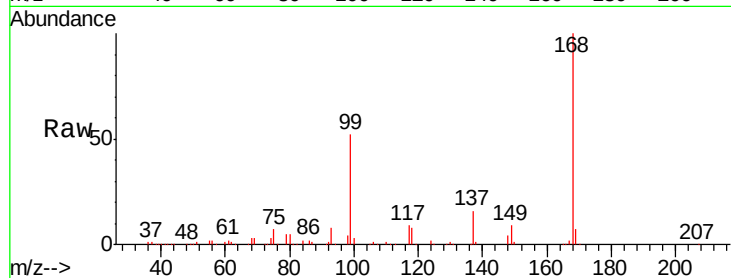
99 52.0 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

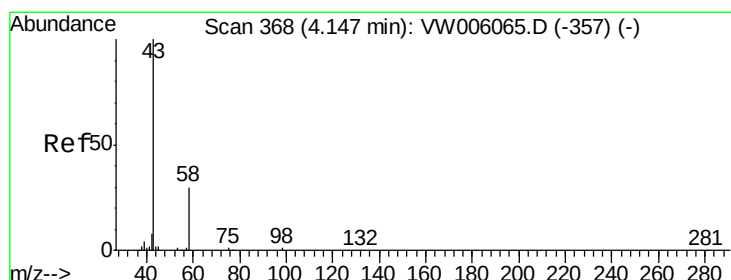
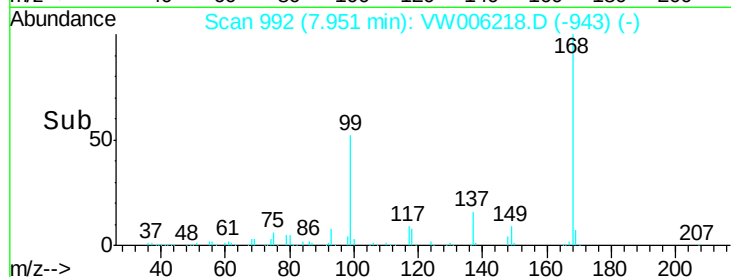
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 71.85 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006218.D

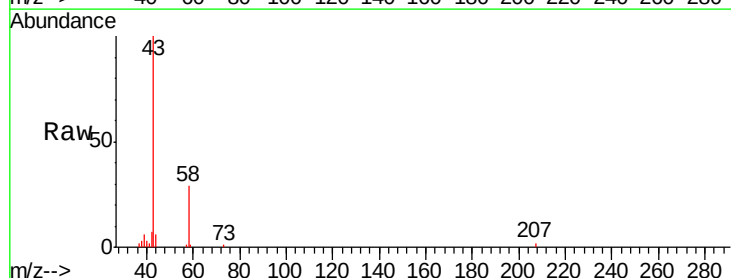
Acq: 19 Oct 2018 11:40

Tgt Ion: 43 Resp: 29907

Ion Ratio Lower Upper

43 100

58 29.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

10000

8000

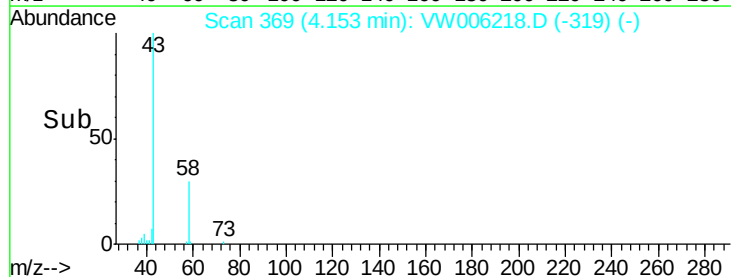
6000

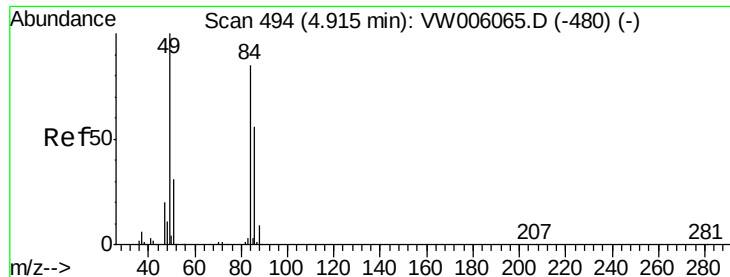
4000

2000

0

Time--> 4.00 4.10 4.20 4.30





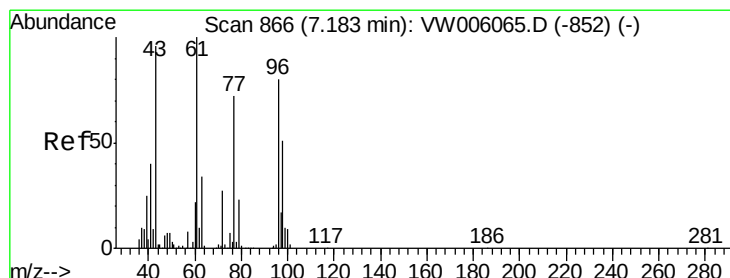
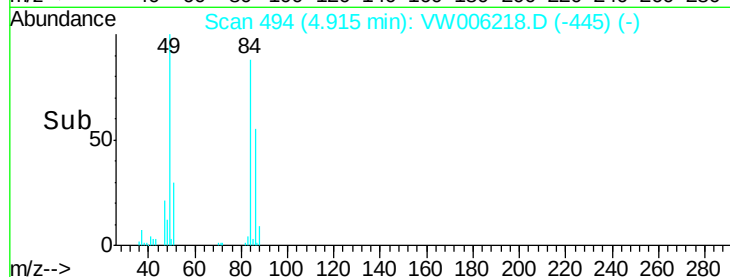
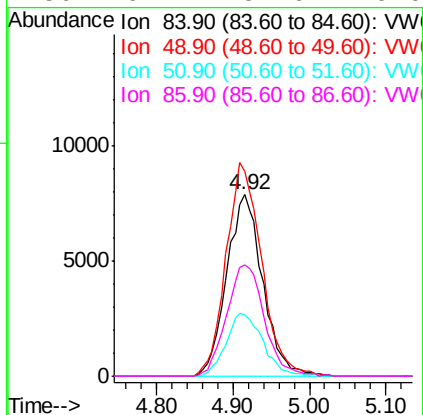
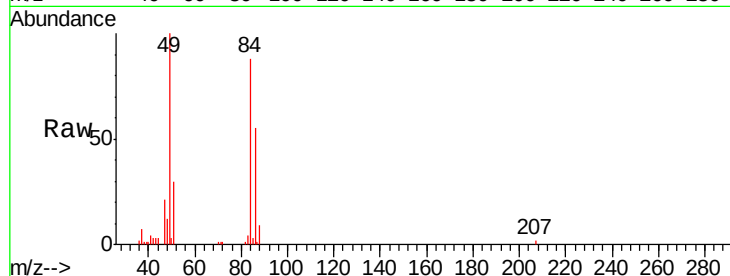
#20
Methylene Chloride
Concen: 11.29 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Instrument :
MSVOA_W
ClientSampled :
LS-SOIL-1

Tgt Ion:	84	Resp:	25694
Ion	Ratio	Lower	Upper
84	100		
49	113.1	93.6	140.4
51	33.8	29.0	43.4
86	61.7	52.6	79.0

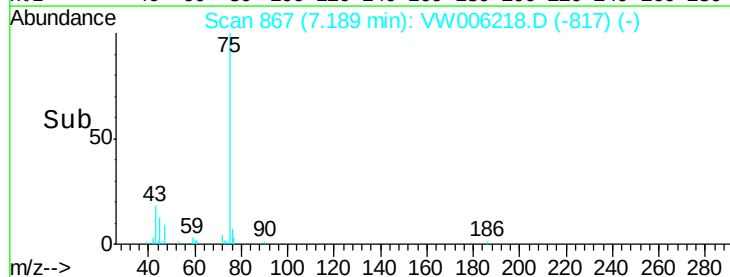
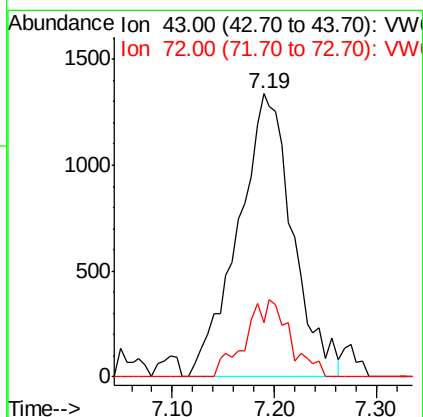
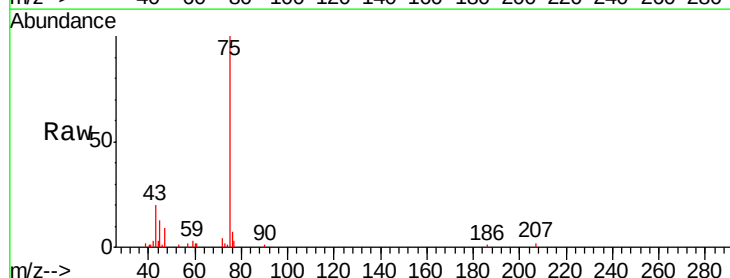
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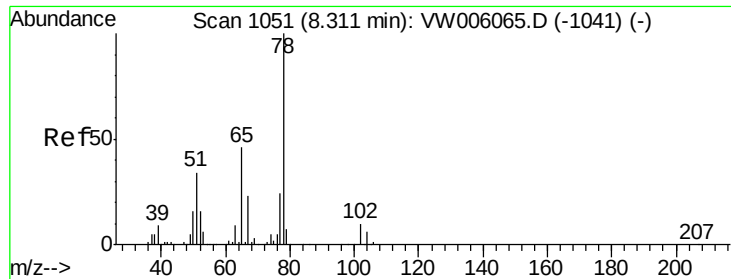
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#25
2-Butanone
Concen: 9.52 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Tgt Ion:	43	Resp:	4976
Ion	Ratio	Lower	Upper
43	100		
72	19.1	22.8	34.2#





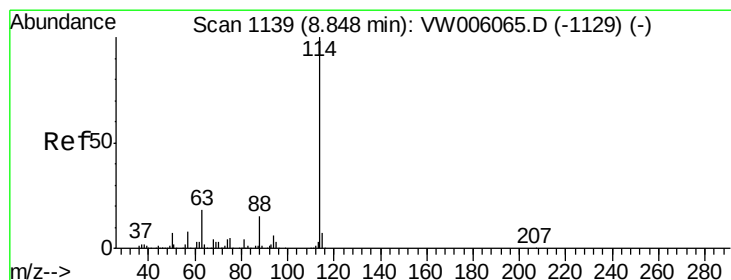
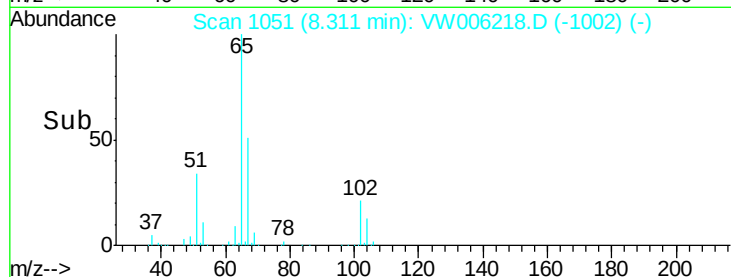
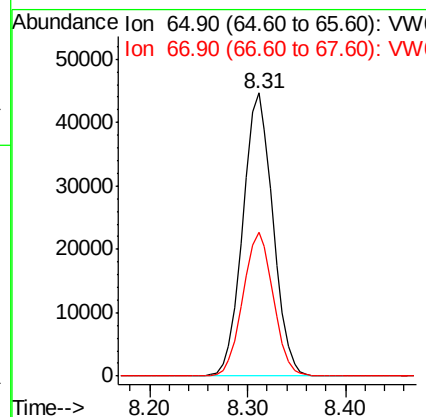
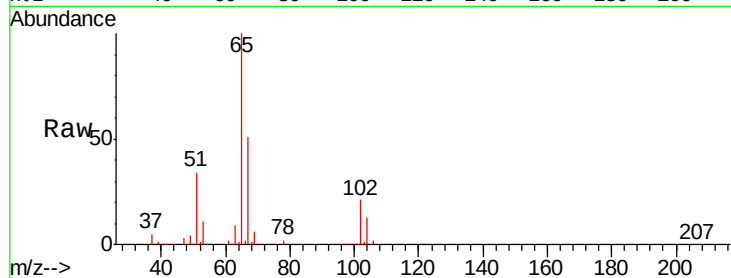
#33
 1,2-Dichloroethane-d4
 Concen: 49.32 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006218.D
 Acq: 19 Oct 2018 11:40

Instrument :
 MSVOA_W
 ClientSampled :
 LS-SOIL-1

Tgt Ion: 65 Resp: 95424
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0

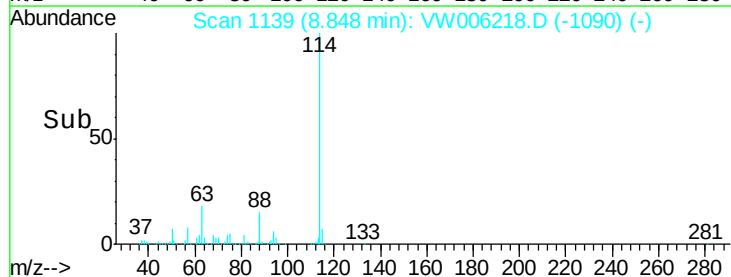
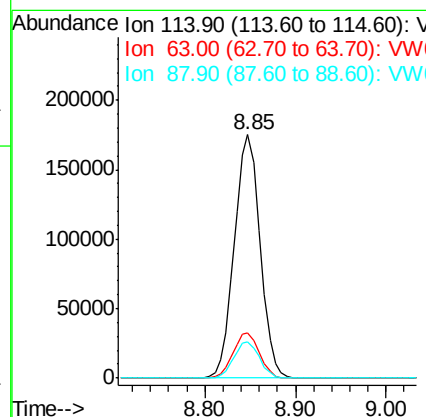
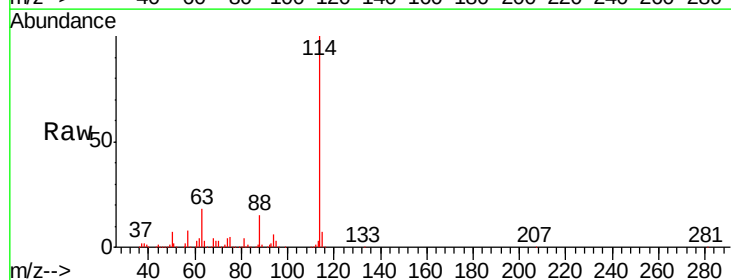
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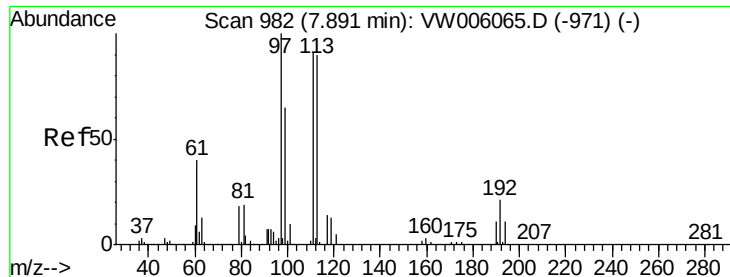
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006218.D
 Acq: 19 Oct 2018 11:40

Tgt Ion: 114 Resp: 345169
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0





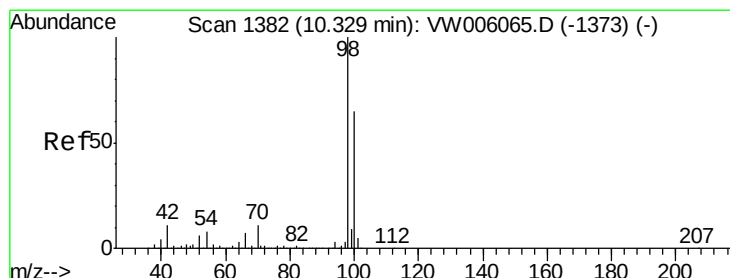
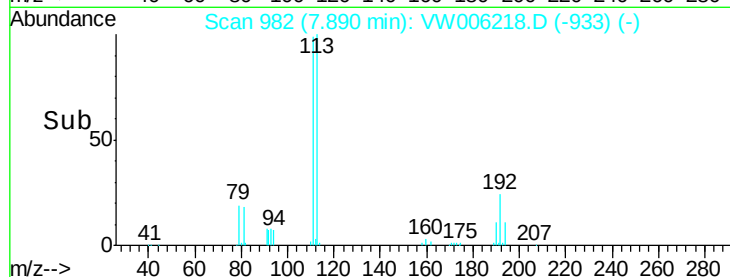
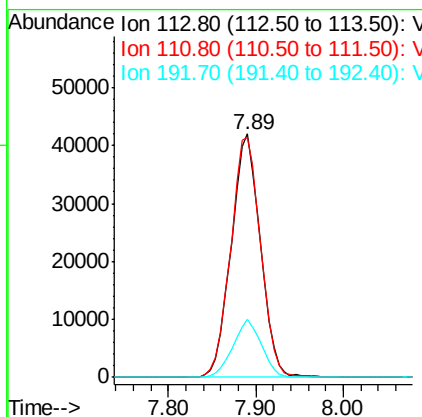
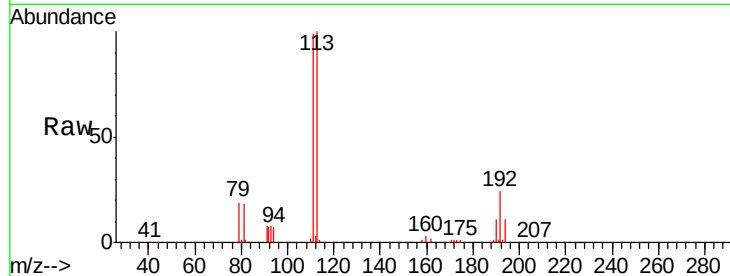
#35
Dibromofluoromethane
Concen: 47.68 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Instrument :
MSVOA_W
ClientSampled :
LS-SOIL-1

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.2	18.7	28.1

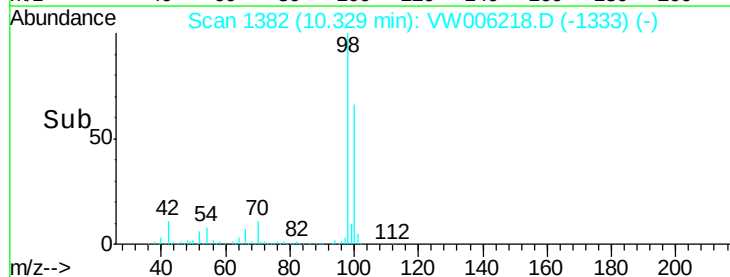
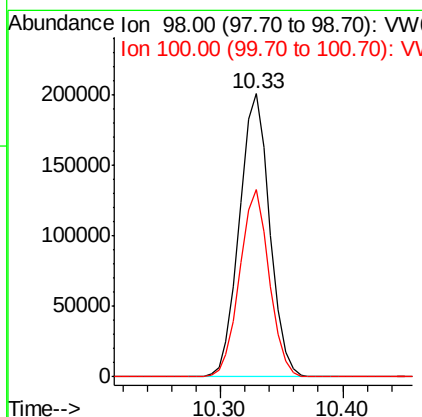
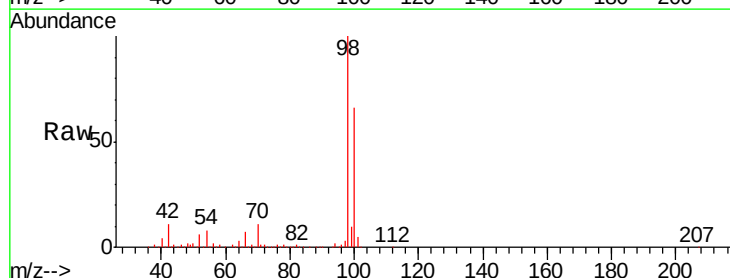
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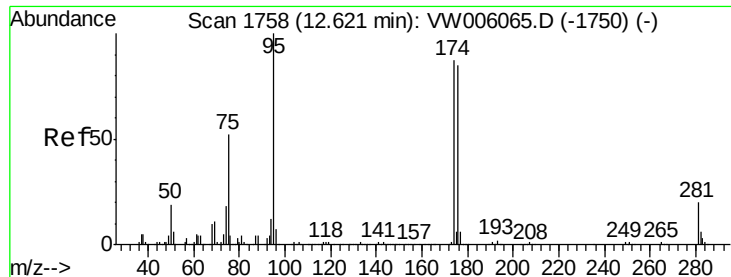
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#50
Toluene-d8
Concen: 44.42 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 38.06 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006218.D

Acq: 19 Oct 2018 11:40

Instrument :

MSVOA_W

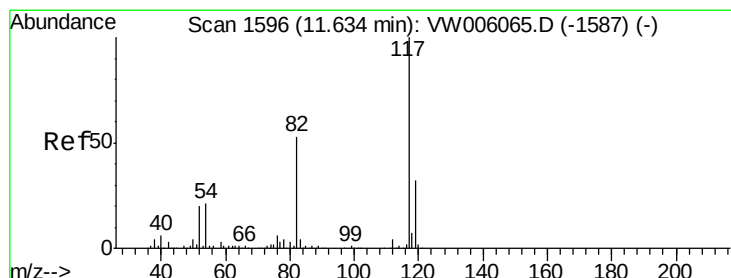
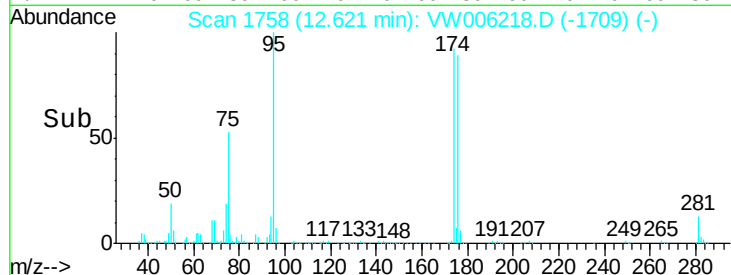
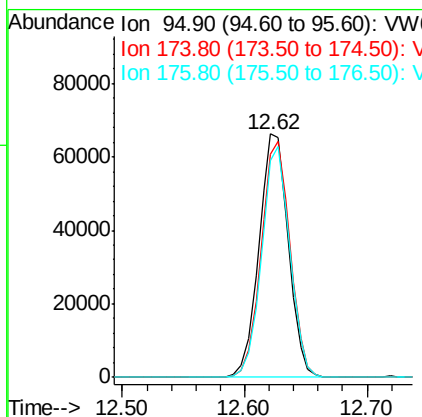
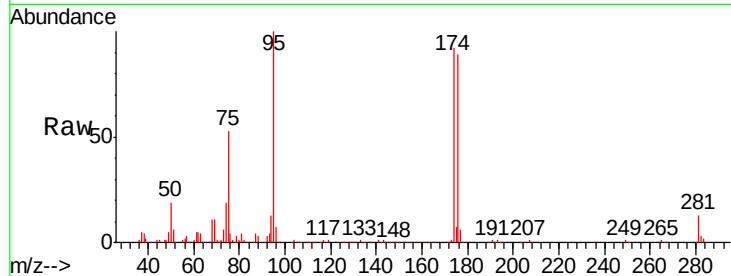
ClientSampleId :

LS-SOIL-1

Tgt Ion:	95	Resp:	110923
Ion Ratio	Lower	Upper	
95	100		
174	94.7	0.0	186.0
176	90.7	0.0	181.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

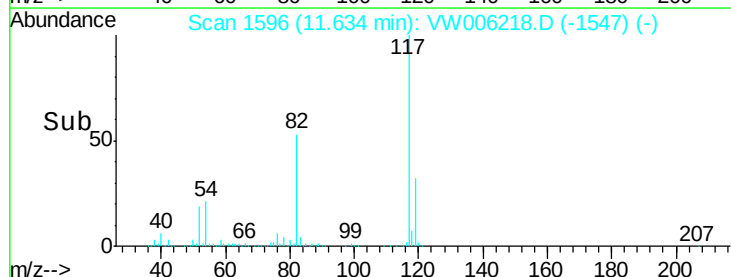
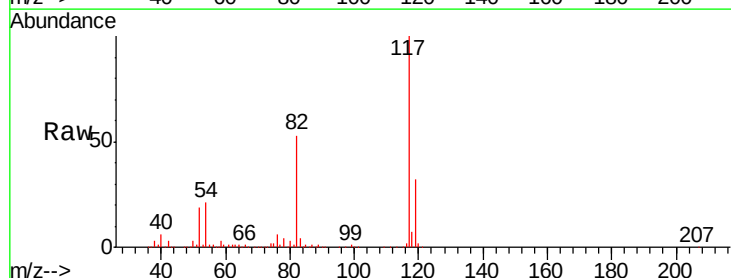
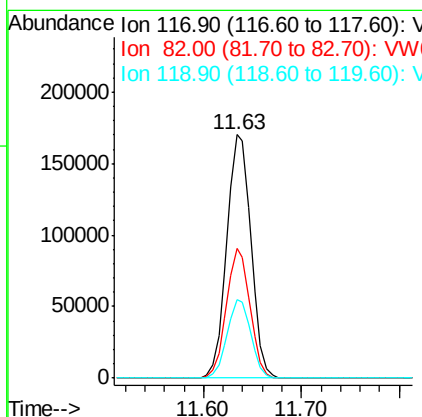
RT: 11.63 min Scan# 1596

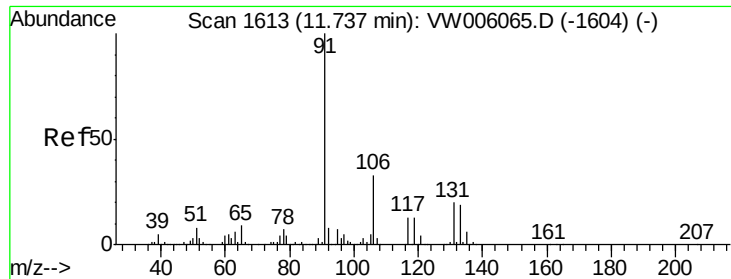
Delta R.T. -0.00 min

Lab File: VW006218.D

Acq: 19 Oct 2018 11:40

Tgt Ion:	117	Resp:	290848
Ion Ratio	Lower	Upper	
117	100		
82	53.2	42.1	63.1
119	32.3	25.8	38.6





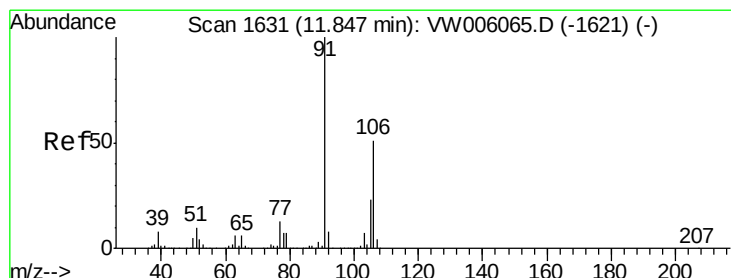
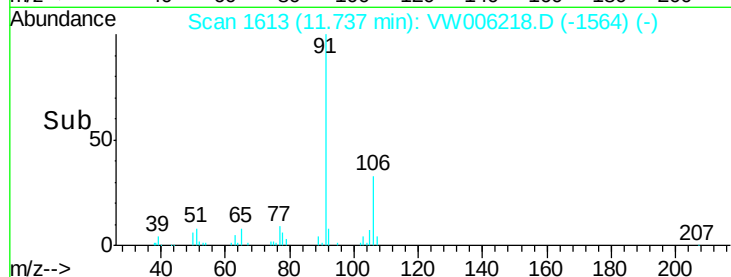
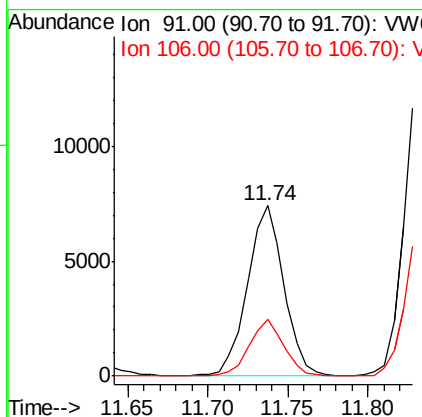
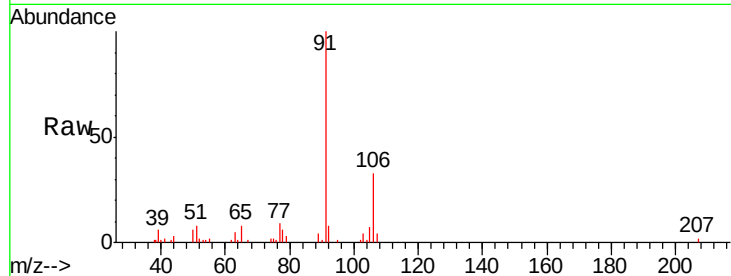
#67
Ethyl Benzene
Concen: 1.09 ug/l m
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
LS-SOIL-1

Tgt Ion: 91 Resp: 11796
Ion Ratio Lower Upper
91 100
106 33.0 26.1 39.1

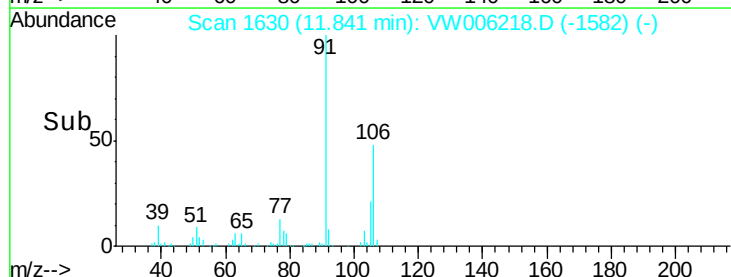
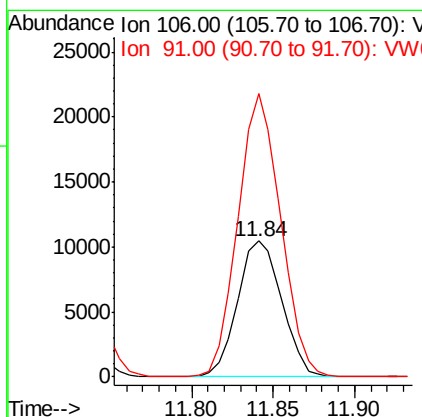
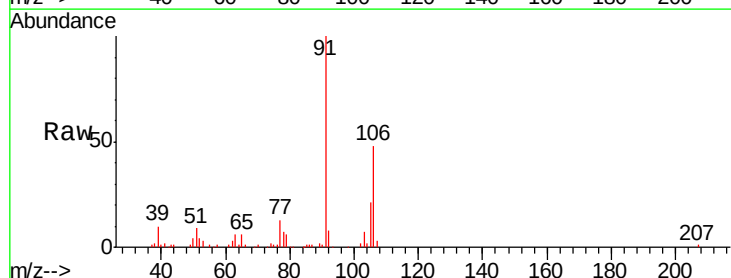
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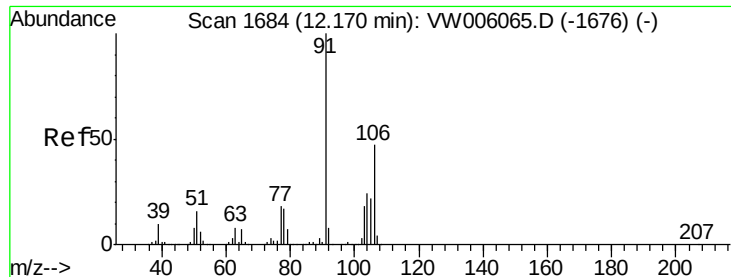
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#68
m/p-Xylenes
Concen: 4.61 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Tgt Ion: 106 Resp: 19681
Ion Ratio Lower Upper
106 100
91 202.7 159.1 238.7





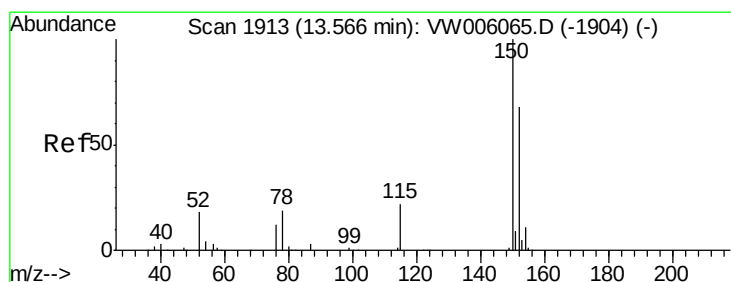
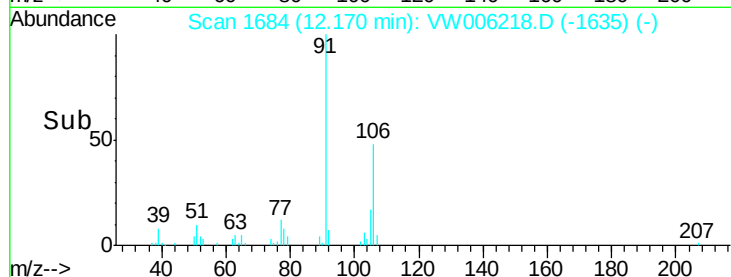
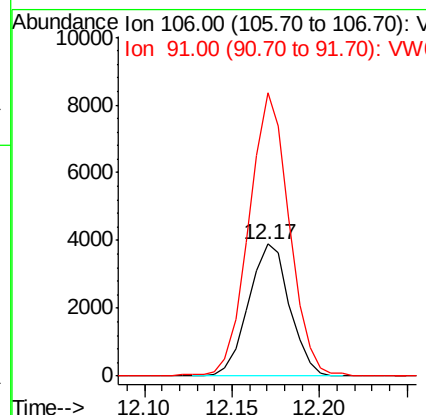
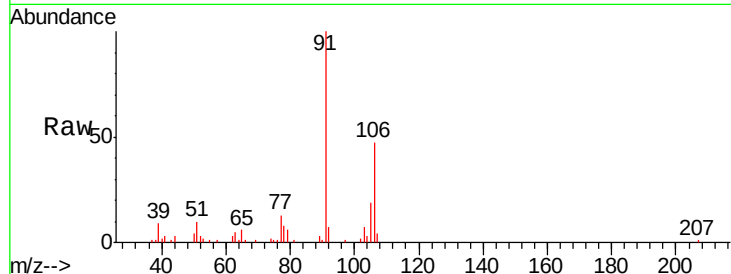
#69
o-Xylene
Concen: 1.56 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Instrument :
MSVOA_W
ClientSampled :
LS-SOIL-1

Tgt Ion:106 Resp: 6359
Ion Ratio Lower Upper
106 100
91 211.4 105.4 316.1

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006218.D
Acq: 19 Oct 2018 11:40

Tgt Ion:152 Resp: 123655
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 156.1 0.0 349.2

