

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008218.D
 Acq On : 12 Jan 2019 04:02
 Operator : SY/VA
 Sample : K1124-01
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ER-SOIL

Manual Integrations
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Quant Time: Jan 12 04:50:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53339	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	7.88	113	52140	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
50) Toluene-d8	10.32	98	208302	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	69419	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
16) Acetone	4.14	43	42019	222.856	ug/l	97
20) Methylene Chloride	4.91	84	9728	5.209	ug/l #	80
52) Toluene	10.38	92	4389	1.490	ug/l	86
73) Isopropylbenzene	12.48	105	50268	9.902	ug/l #	62
86) p-Isopropyltoluene	13.50	119	46799	10.025	ug/l #	75

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

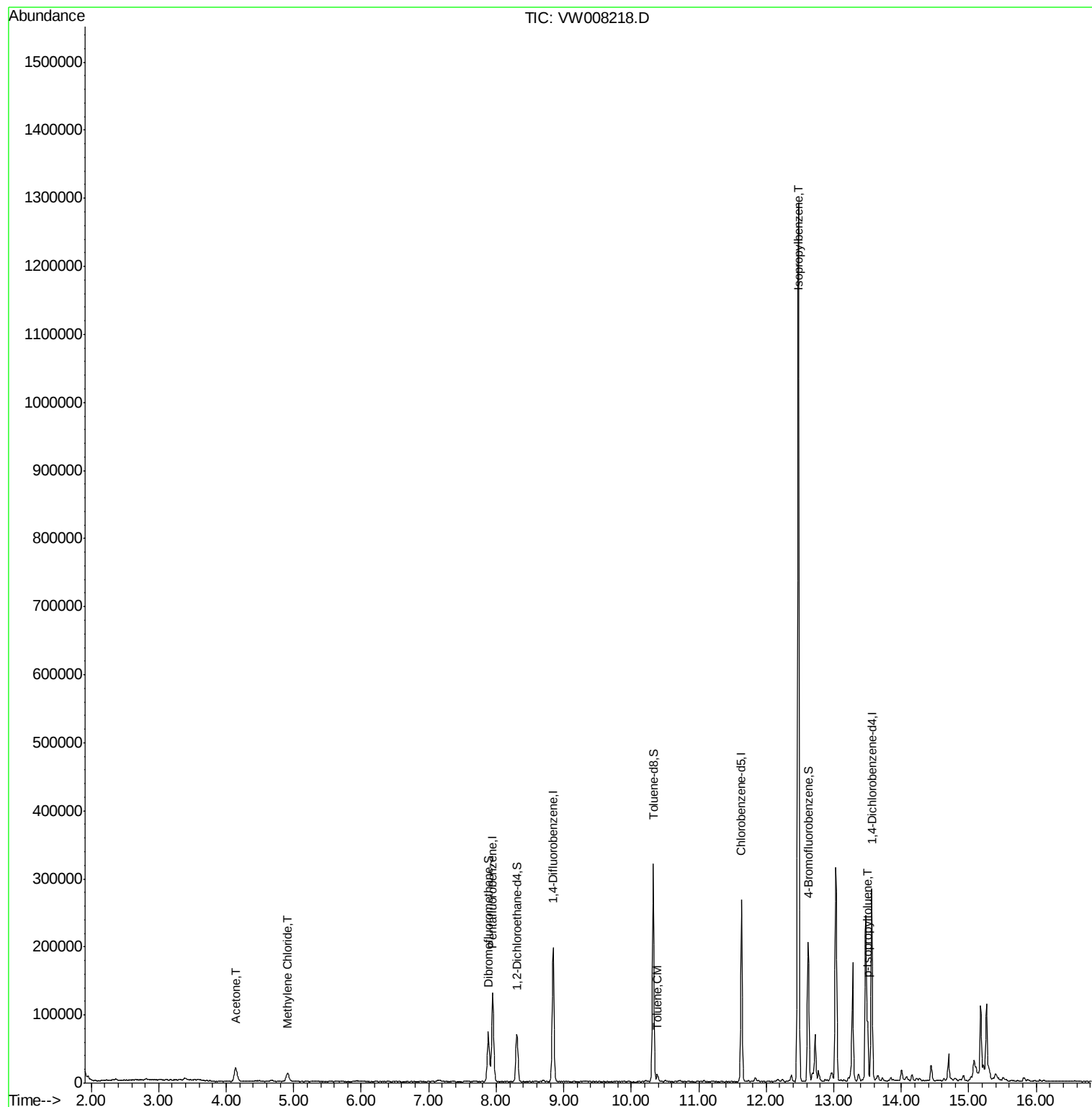
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011119\
Data File : VW008218.D
Acq On : 12 Jan 2019 04:02
Operator : SY/VA
Sample : K1124-01
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

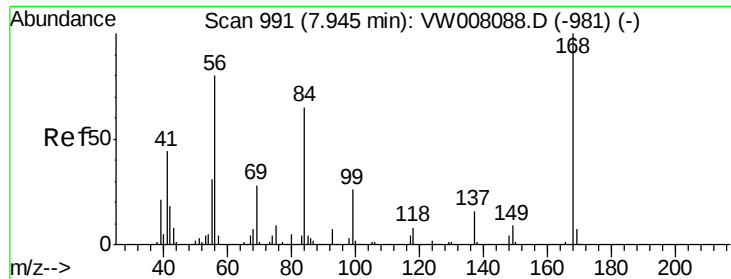
Instrument :
MSVOA_W
ClientSampleId :
ER-SOIL

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Quant Time: Jan 12 04:50:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008218.D

Acq: 12 Jan 2019 04:02

Instrument :

MSVOA_W

ClientSampled :

ER-SOIL

Tot Ion:168 Resp: 92378

Ion Ratio Lower Upper

168 100

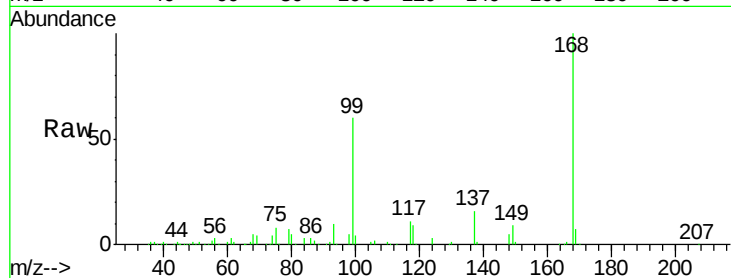
99 60.1 52.6 78.8

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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

40000

30000

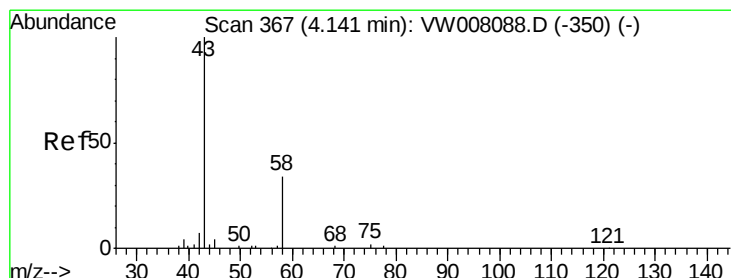
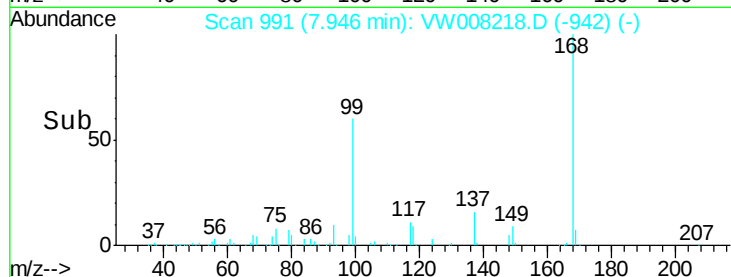
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 222.856 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008218.D

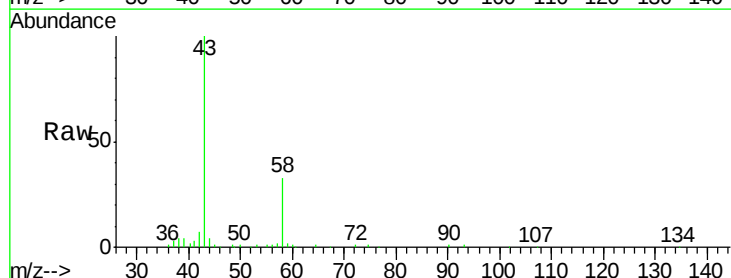
Acq: 12 Jan 2019 04:02

Tgt Ion: 43 Resp: 42019

Ion Ratio Lower Upper

43 100

58 32.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

15000

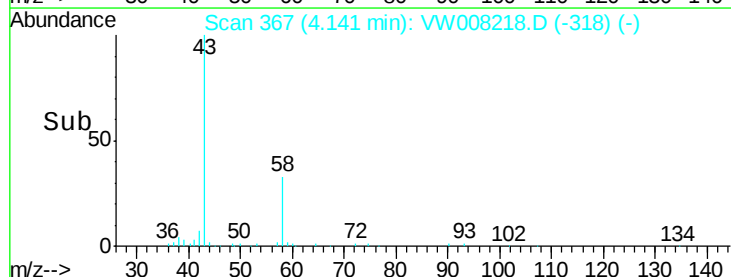
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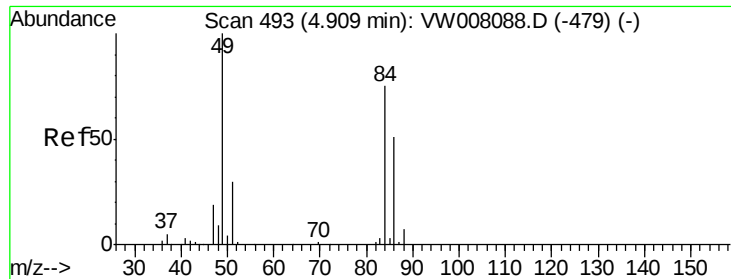
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0

4.00 4.10 4.20 4.30

Time-->





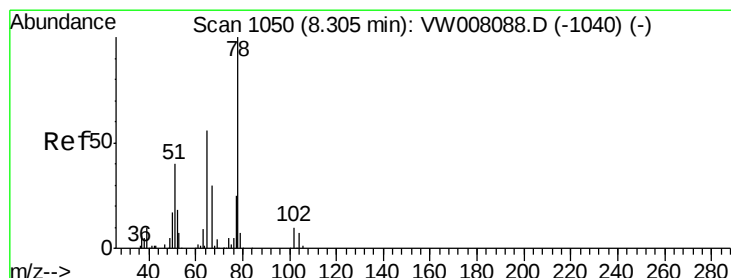
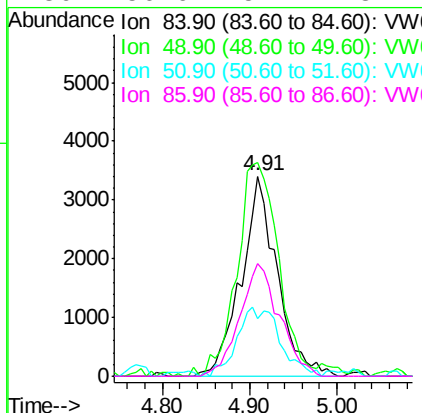
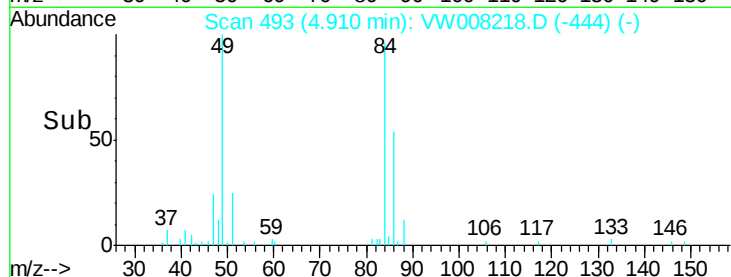
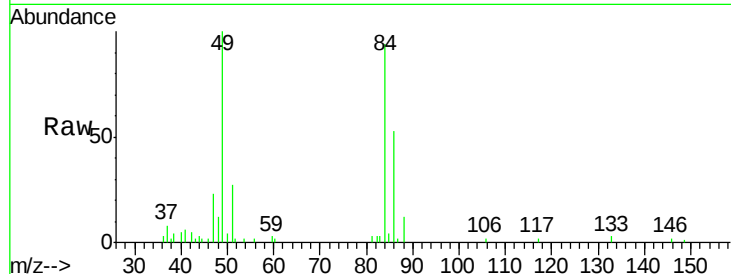
#20
Methylene Chloride
Concen: 5.209 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008218.D
Acq: 12 Jan 2019 04:02

Instrument :
MSVOA_W
ClientSampleId :
ER-SOIL

Tot Ion	Ratio	Lower	Upper
84	100		
49	106.8	107.1	160.7#
51	26.9	32.4	48.6#
86	56.6	54.2	81.4

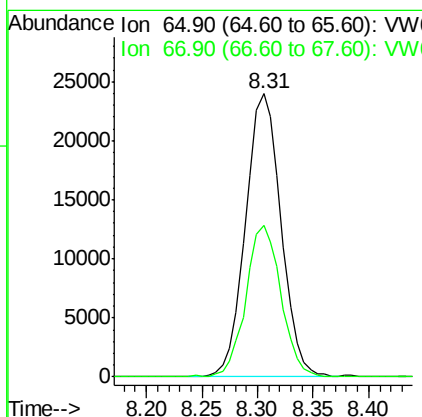
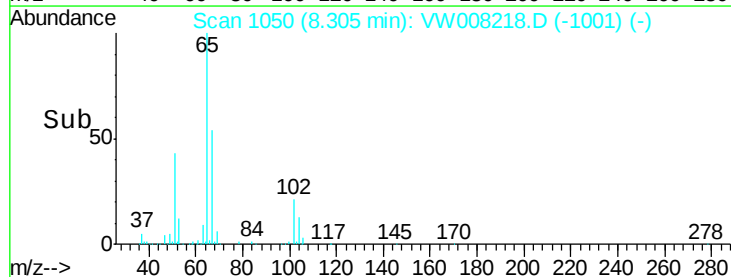
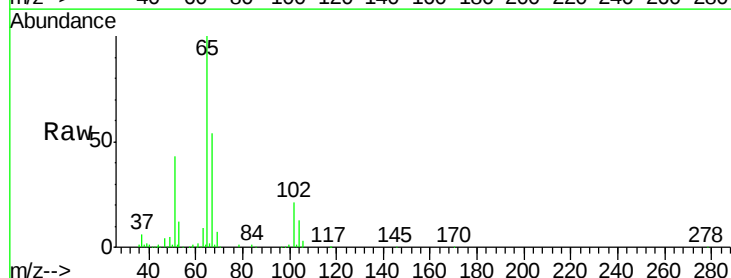
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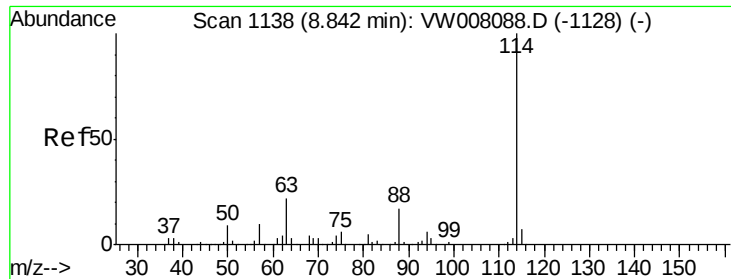
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#33
1,2-Dichloroethane-d4
Concen: 51.374 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008218.D
Acq: 12 Jan 2019 04:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8





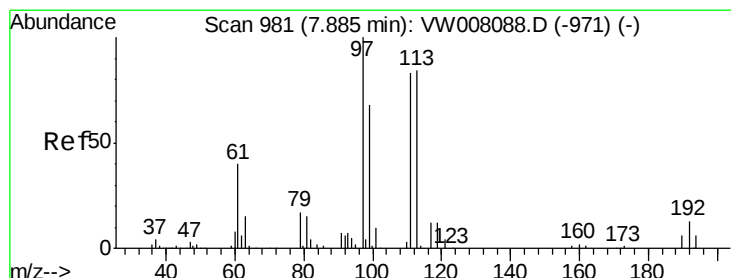
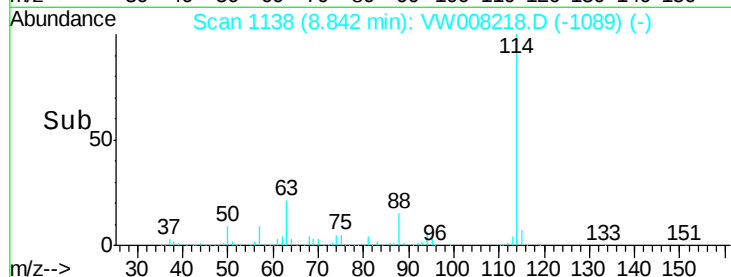
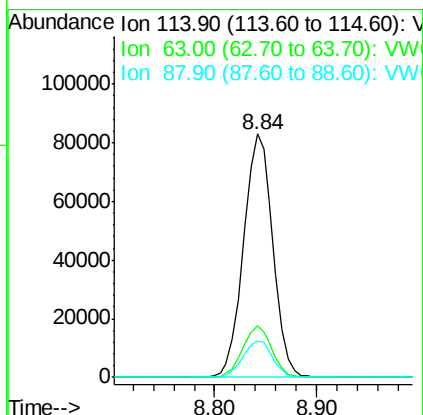
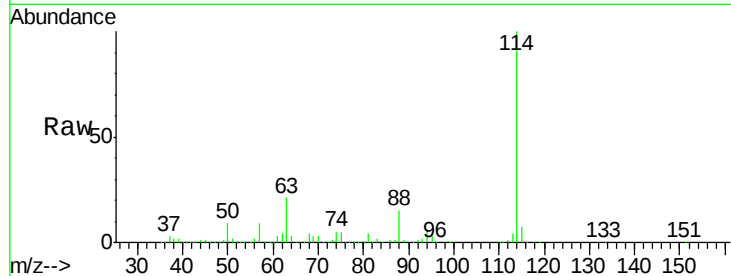
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008218.D
 Acq: 12 Jan 2019 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 ER-SOIL

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.3	0.0	43.4
88	15.0	0.0	33.4

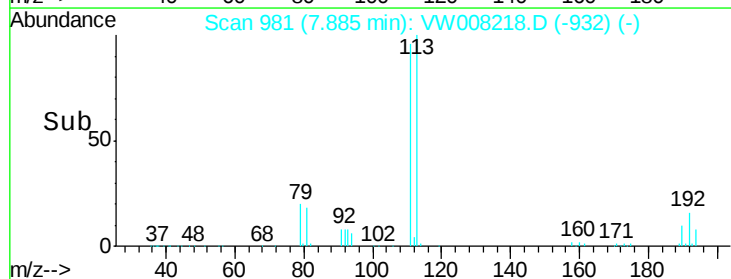
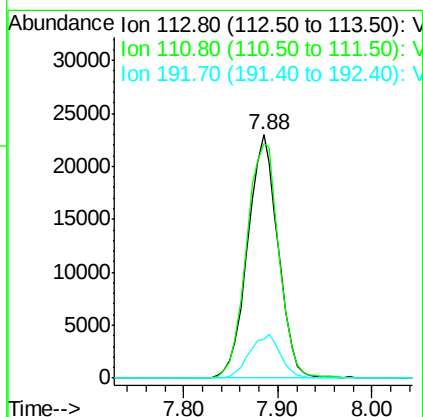
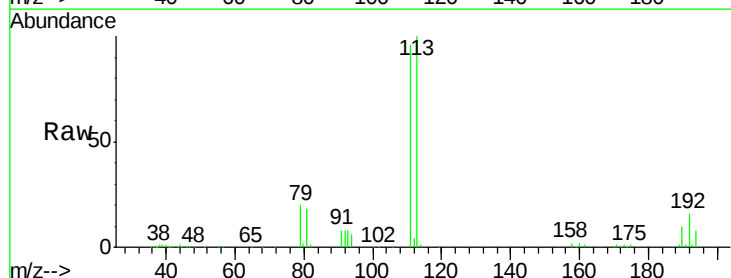
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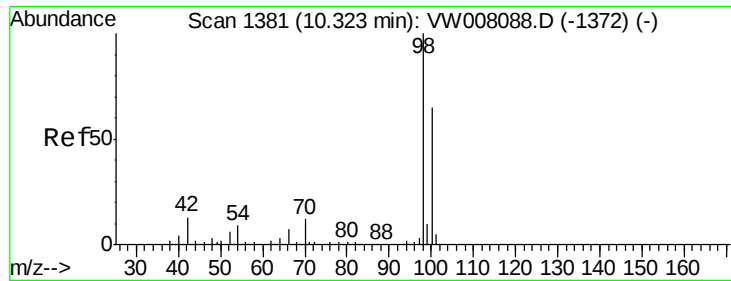
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#35
 Dibromofluoromethane
 Concen: 54.165 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008218.D
 Acq: 12 Jan 2019 04:02

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.2	81.8	122.8
192	18.2	12.8	19.2





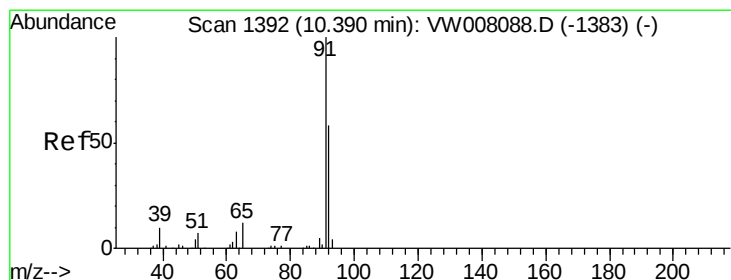
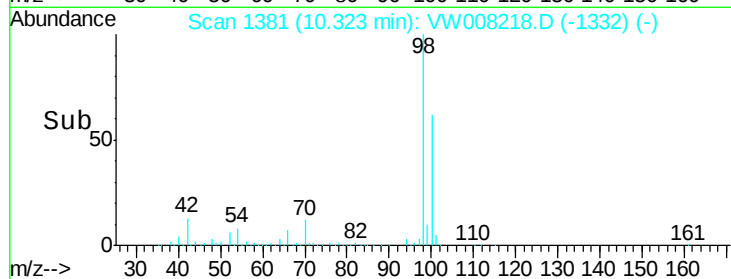
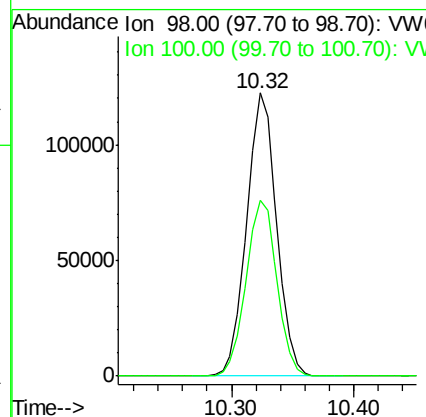
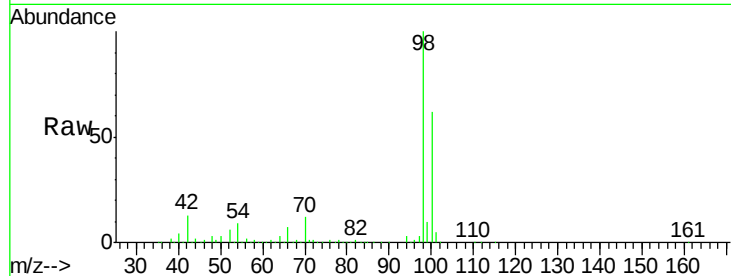
#50
Toluene-d8
Concen: 51.566 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008218.D
Acq: 12 Jan 2019 04:02

Instrument :
MSVOA_W
ClientSampled :
ER-SOIL

Tot Ion: 98 Resp: 208302
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

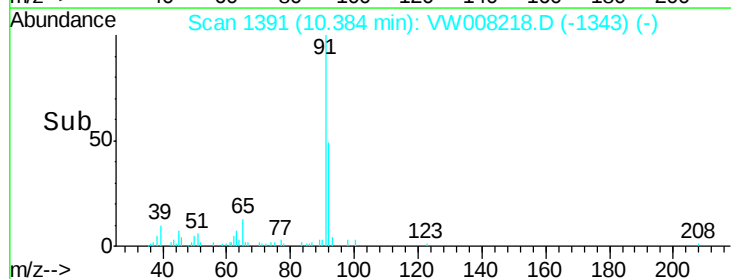
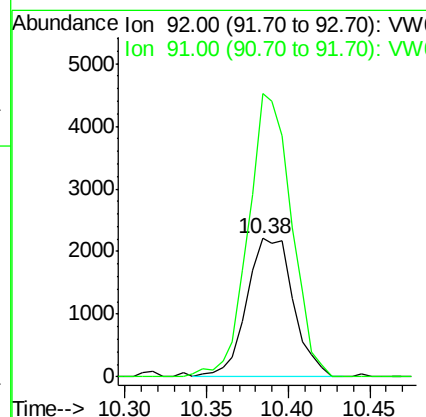
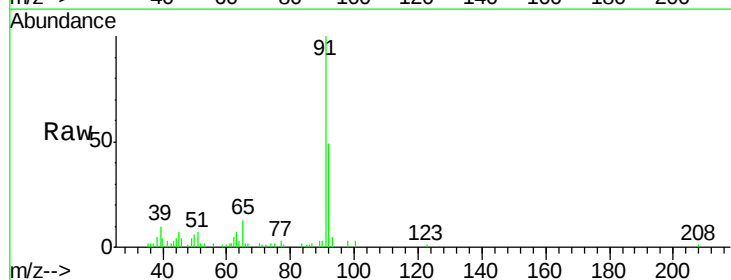
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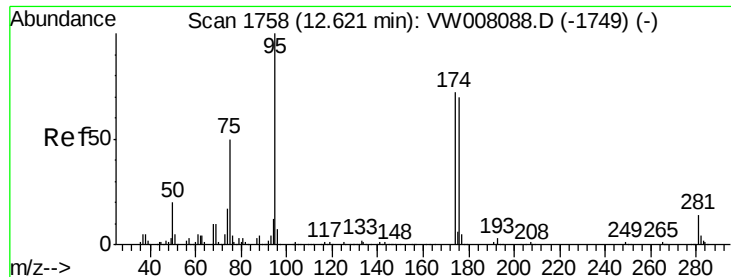
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#52
Toluene
Concen: 1.490 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008218.D
Acq: 12 Jan 2019 04:02

Tgt Ion: 92 Resp: 4389
Ion Ratio Lower Upper
92 100
91 190.1 137.0 205.4





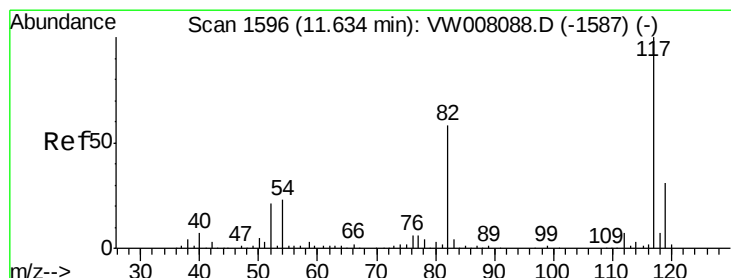
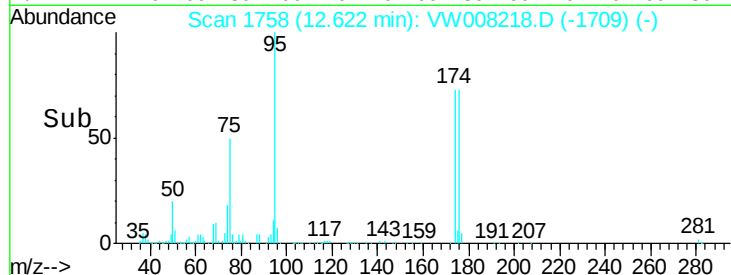
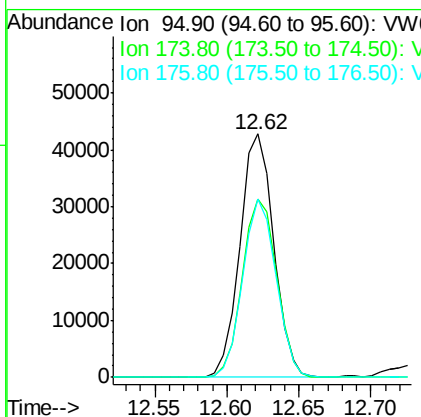
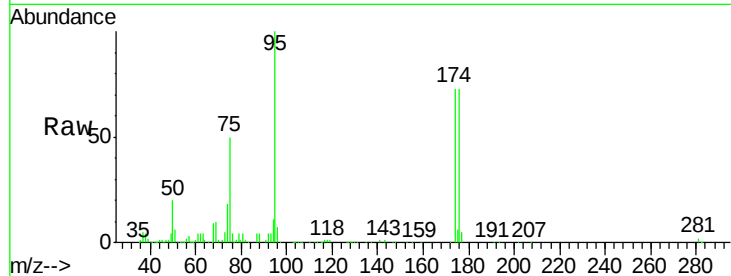
#62
4-Bromofluorobenzene
Concen: 47.936 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008218.D
Acq: 12 Jan 2019 04:02

Instrument :
MSVOA_W
ClientSampled :
ER-SOIL

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	143.0
176	72.1	0.0	140.2

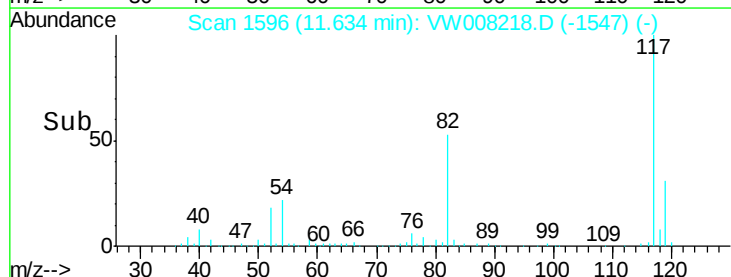
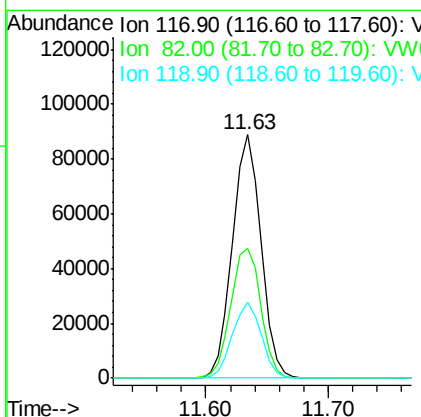
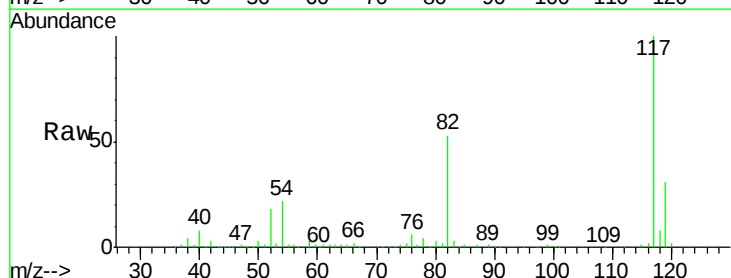
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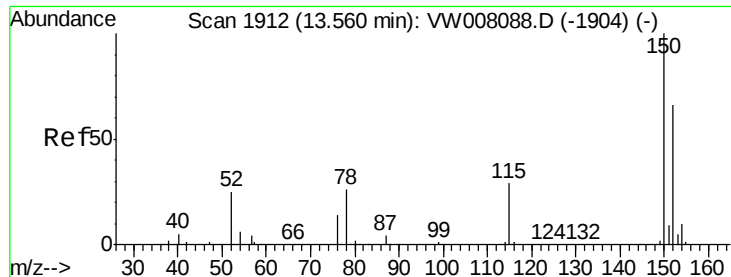
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008218.D
Acq: 12 Jan 2019 04:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	46.4	69.6
119	31.2	24.7	37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008218.D

Acq: 12 Jan 2019 04:02

Instrument :

MSVOA_W

ClientSampled :

ER-SOIL

Tot Ion:152 Resp: 64659

Ion Ratio Lower Upper

152 100

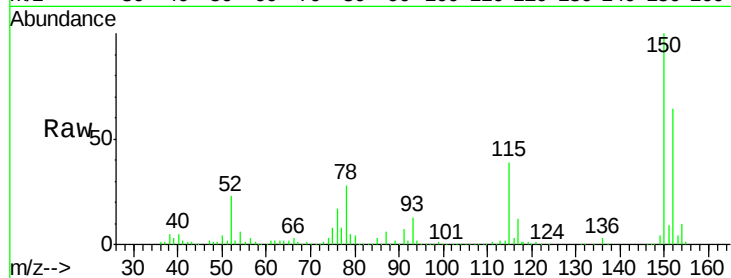
115 57.3 30.8 92.4

150 157.9 0.0 350.2

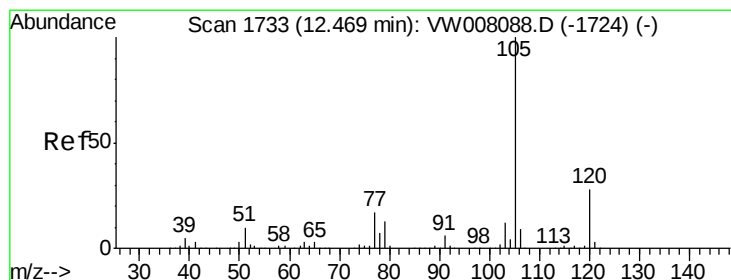
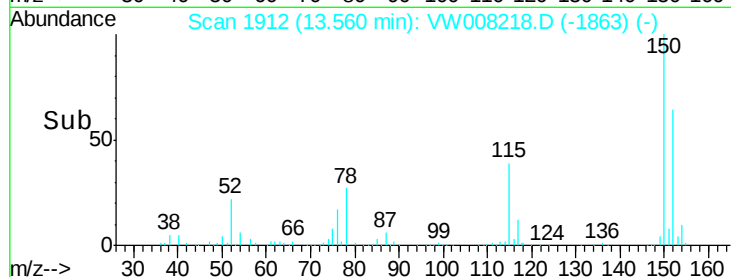
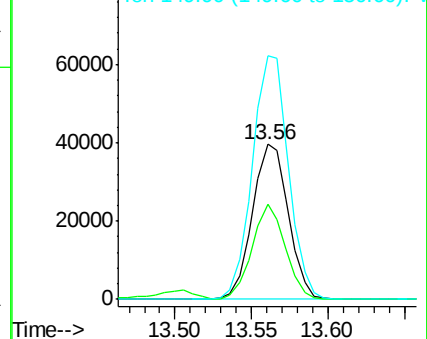
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 9.902 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW008218.D

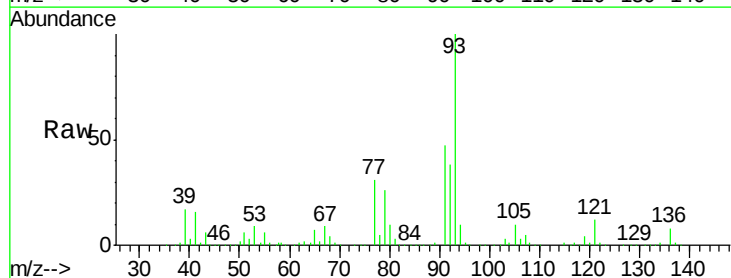
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Tgt Ion:105 Resp: 50268

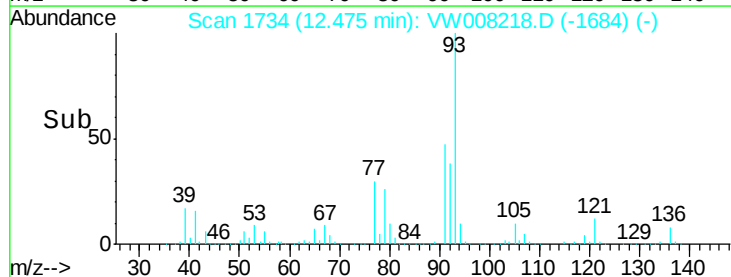
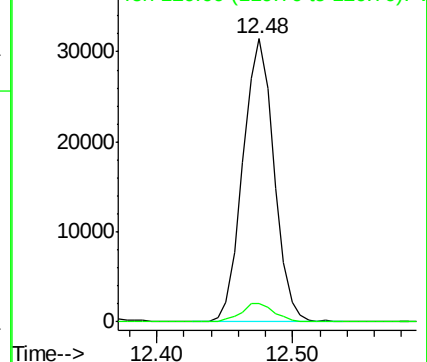
Ion Ratio Lower Upper

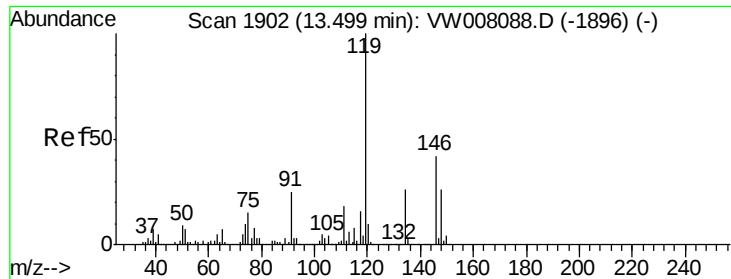
105 100

120 7.2 13.6 40.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#86
 p-Isopropyltoluene
 Concen: 10.025 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008218.D
 Acq: 12 Jan 2019 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 ER-SOIL

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	27.5	13.3	39.8
91	0.0	12.3	36.9#

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