

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006611.D
 Acq On : 02 Nov 2018 19:34
 Operator : SY/AP
 Sample : J5724-07
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-UNDER-BUCKET

Quant Time: Nov 03 00:27:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	340795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	120886	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	84664	41.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.04%	
35) Dibromofluoromethane	7.88	113	90562	42.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.68%	
50) Toluene-d8	10.33	98	309673	38.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.06%	
62) 4-Bromofluorobenzene	12.62	95	88819	30.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	60.18%	

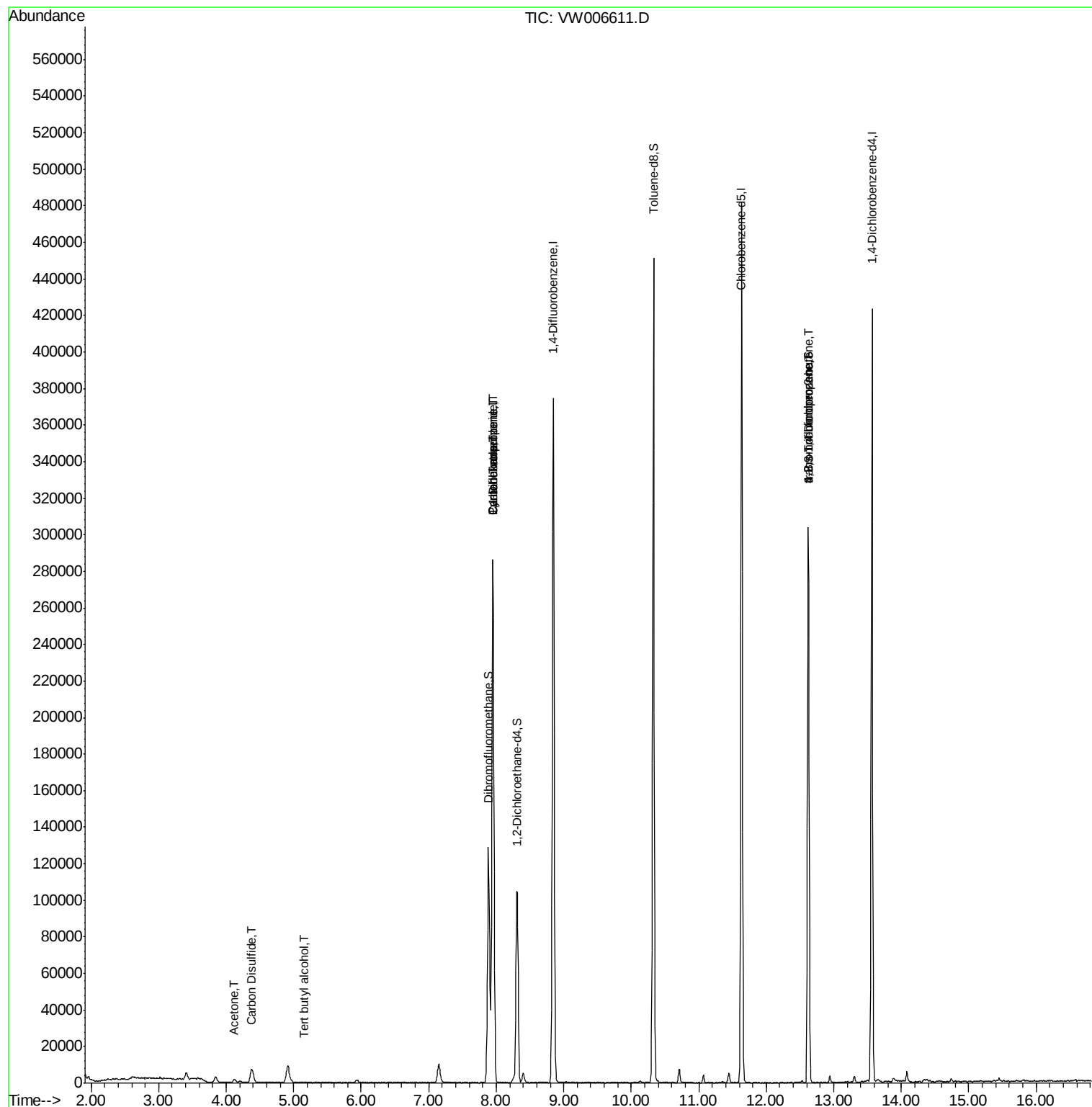
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	311	2.830	ug/l #	84
16) Acetone	4.12	43	3092	9.391	ug/l	97
17) Carbon Disulfide	4.37	76	17683	3.211	ug/l	99
20) Methylene Chloride	4.91	84	8338	Below Cal		92
31) Cyclohexane	7.95	56	3783	1.165	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	14575	4.863	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20514	6.551	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	44226	46.890	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44226	117.631	ug/l #	11

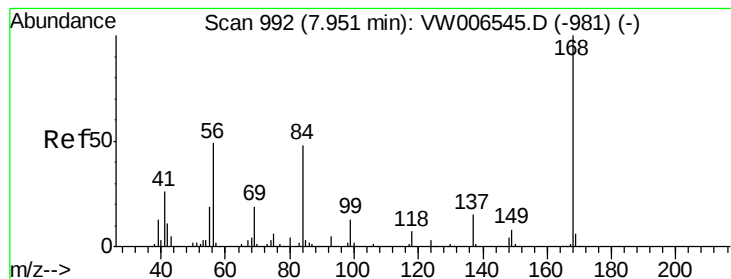
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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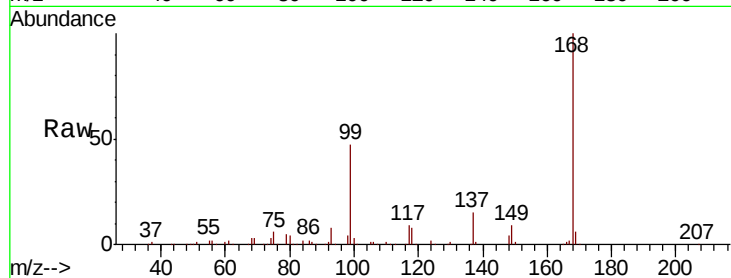


#1

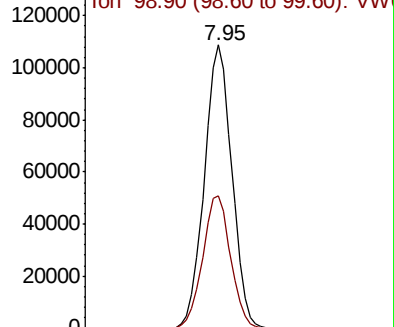
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006611.D
 Acq: 02 Nov 2018 19:34

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-UNDER-BUCKET

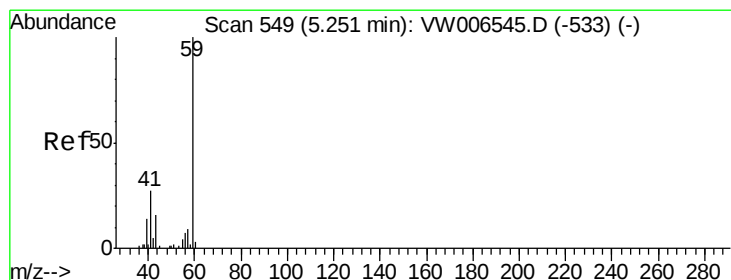
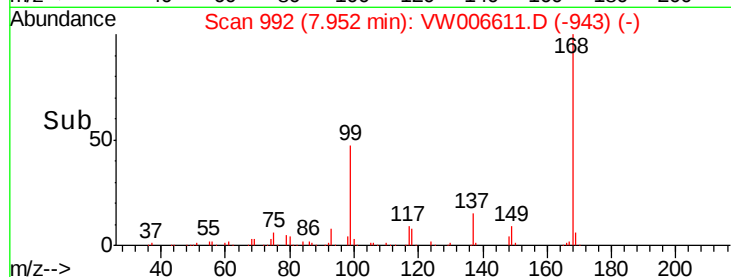
Tgt Ion: 168 Resp: 237241
 Ion Ratio Lower Upper
 168 100
 99 46.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V



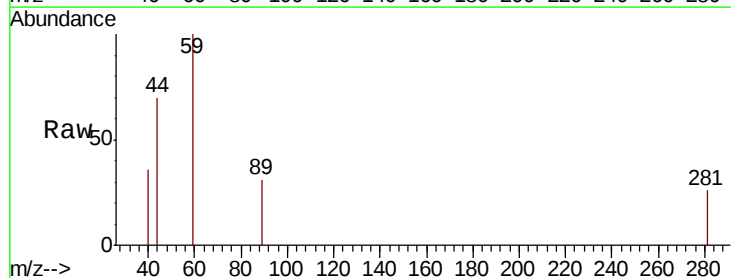
Time--> 7.80 7.90 8.00 8.10



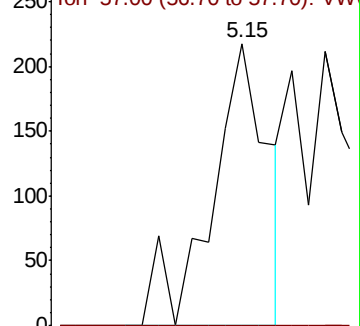
#11

Tert butyl alcohol
 Concen: 2.830 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.10 min
 Lab File: VW006611.D
 Acq: 02 Nov 2018 19:34

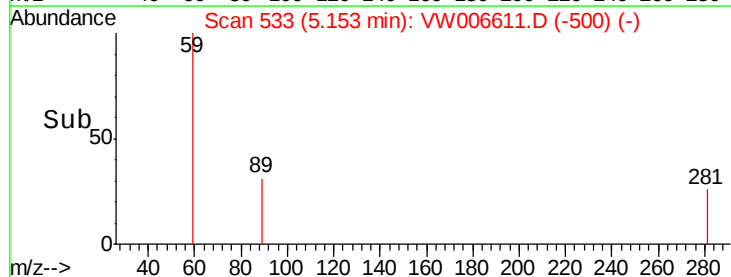
Tgt Ion: 59 Resp: 311
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

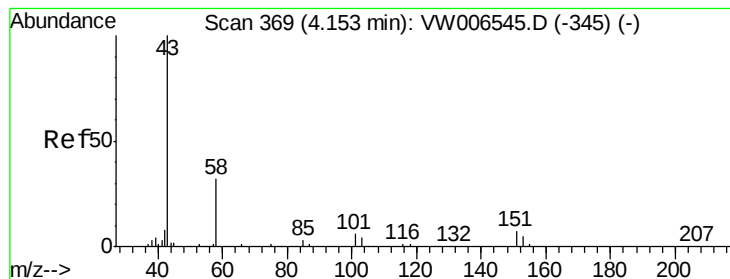


Abundance Ion 59.00 (58.70 to 59.70): VW



Time--> 5.10 5.15





#16

Acetone

Concen: 9.391 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006611.D

Acq: 02 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

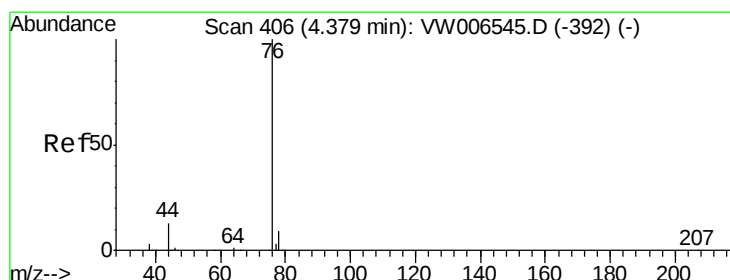
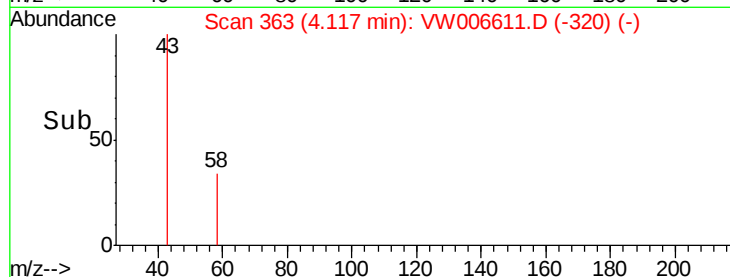
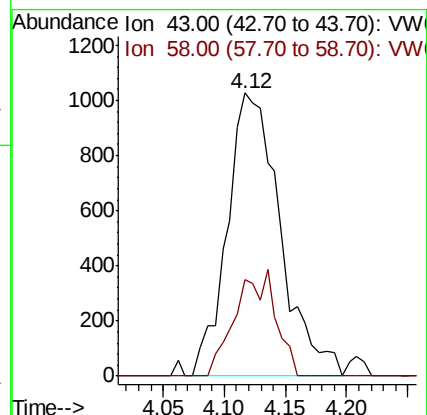
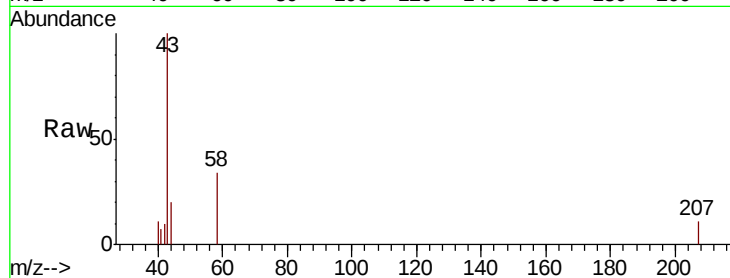
SOIL-UNDER-BUCKET

Tgt Ion: 43 Resp: 3092

Ion Ratio Lower Upper

43 100

58 34.2 25.8 38.8



#17

Carbon Disulfide

Concen: 3.211 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006611.D

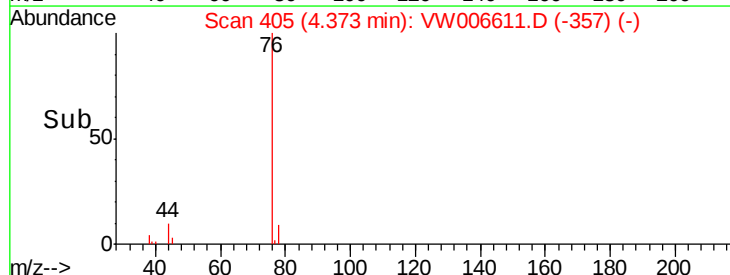
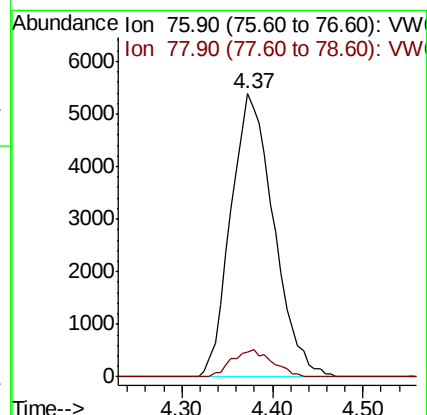
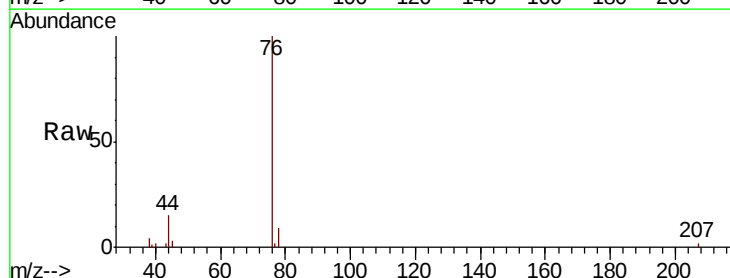
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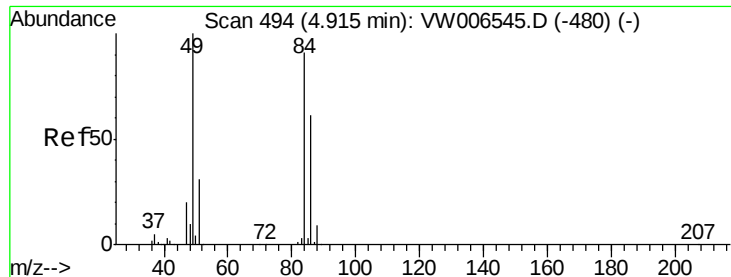
Tgt Ion: 76 Resp: 17683

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

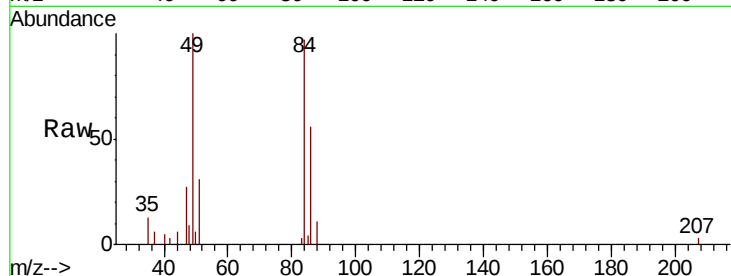




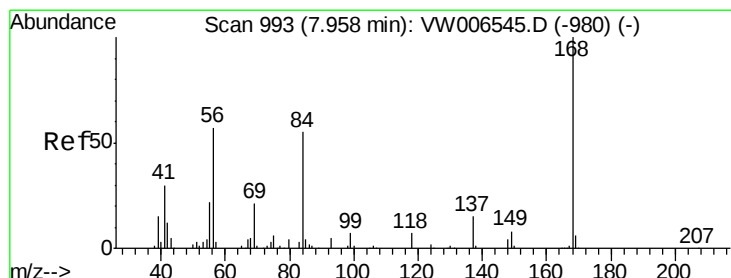
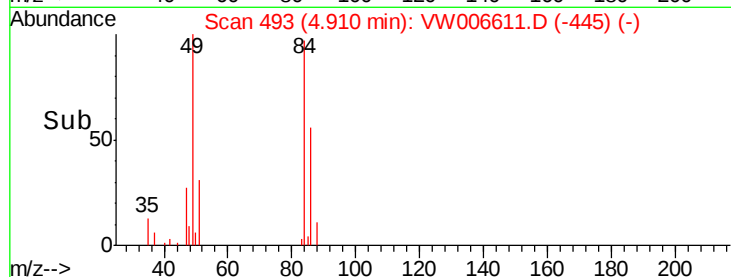
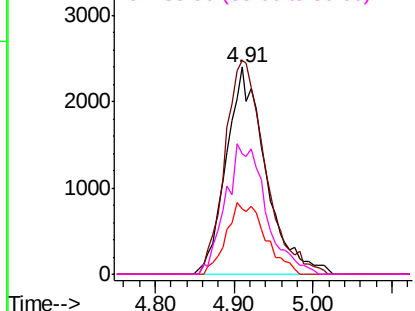
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006611.D
Acq: 02 Nov 2018 19:34

Instrument :
MSVOA_W
ClientSampleId :
SOIL-UNDER-BUCKET

Tgt Ion:	84	Resp:	8338
Ion	Ratio	Lower	Upper
84	100		
49	103.2	88.2	132.4
51	31.6	27.0	40.6
86	58.1	53.8	80.8

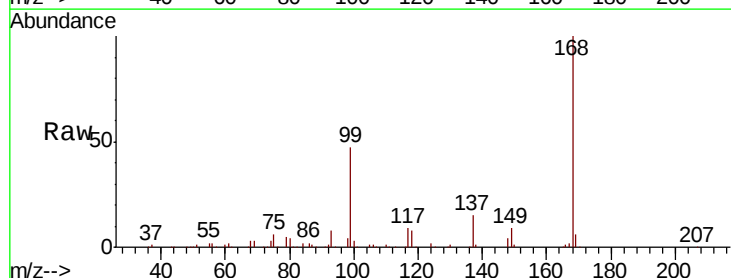


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

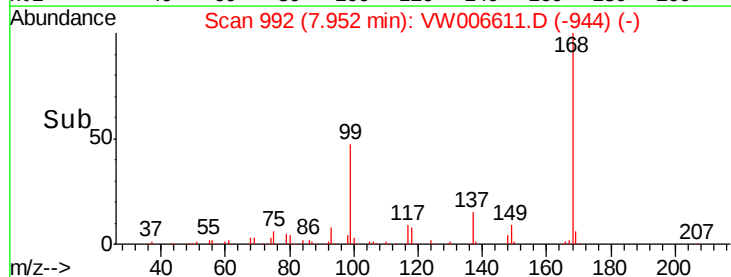
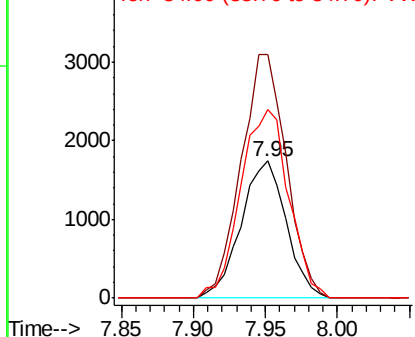


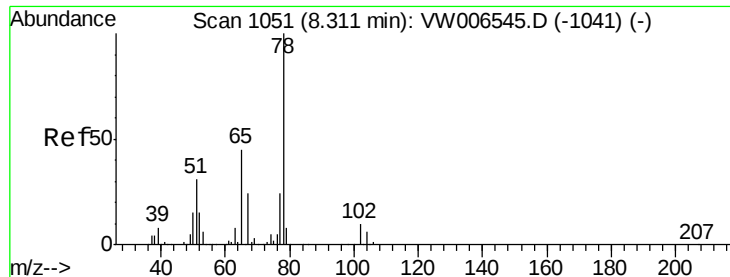
#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006611.D
Acq: 02 Nov 2018 19:34

Tgt Ion:	56	Resp:	3783
Ion	Ratio	Lower	Upper
56	100		
69	177.7	29.0	43.4#
84	138.1	77.8	116.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

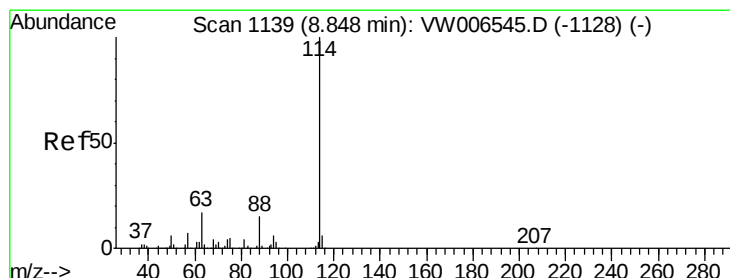
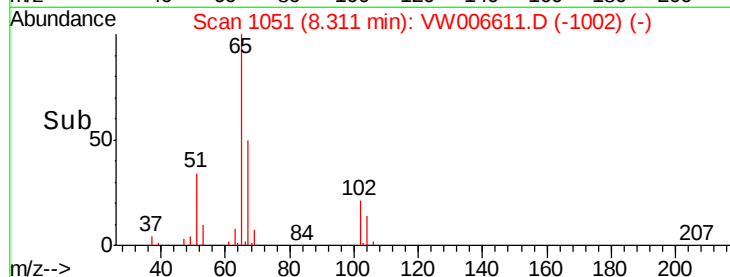
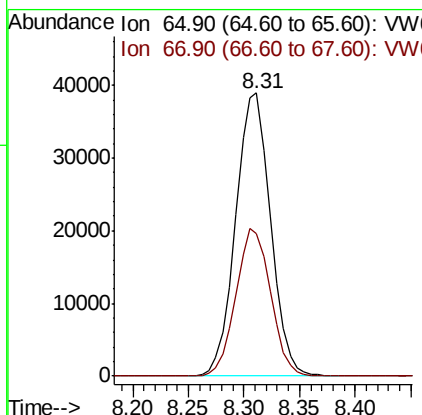
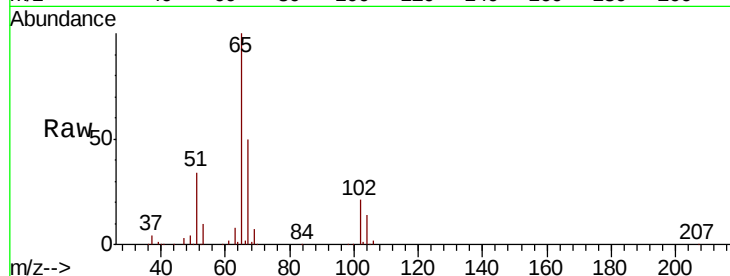




#33
 1,2-Dichloroethane-d4
 Concen: 41.516 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006611.D
 Acq: 02 Nov 2018 19:34

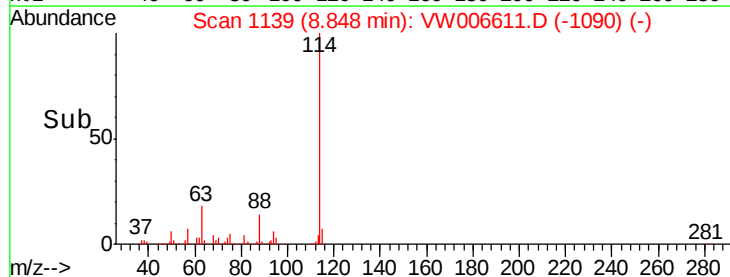
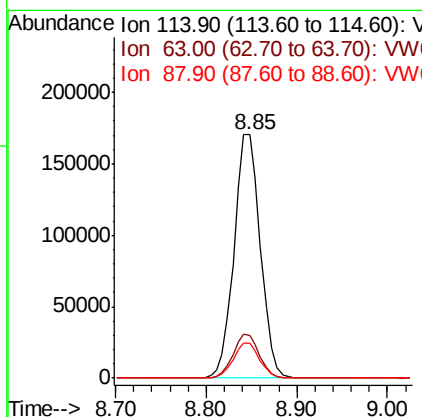
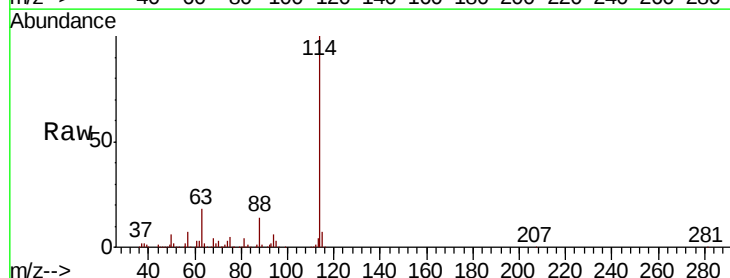
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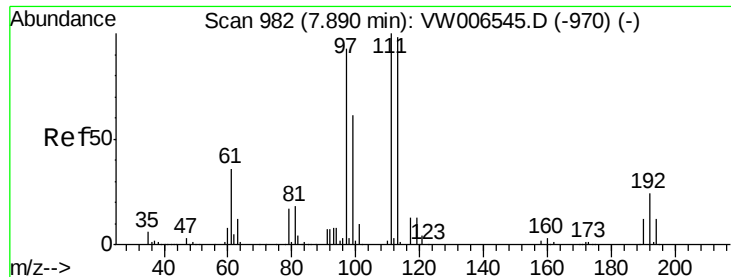
Tgt Ion: 65 Resp: 84664
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006611.D
 Acq: 02 Nov 2018 19:34

Tgt Ion: 114 Resp: 340795
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 14.3 0.0 29.0

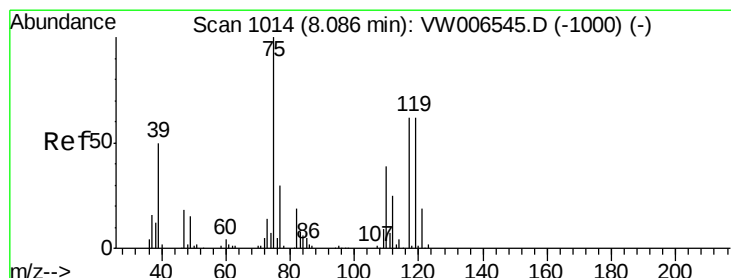
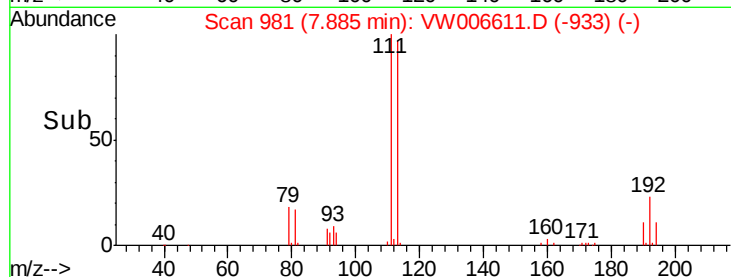
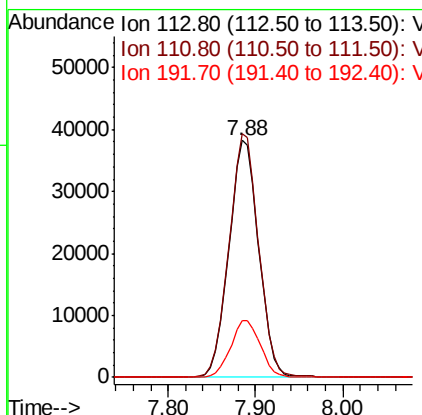
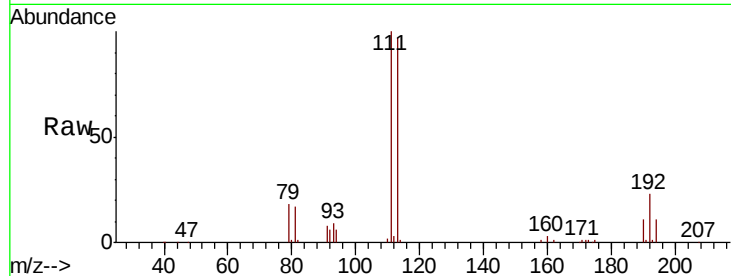




#35
 Dibromofluoromethane
 Concen: 42.343 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006611.D
 Acq: 02 Nov 2018 19:34

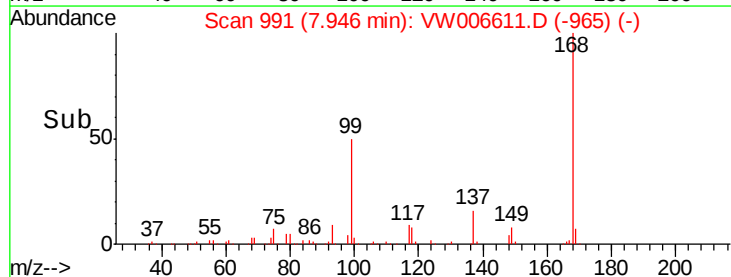
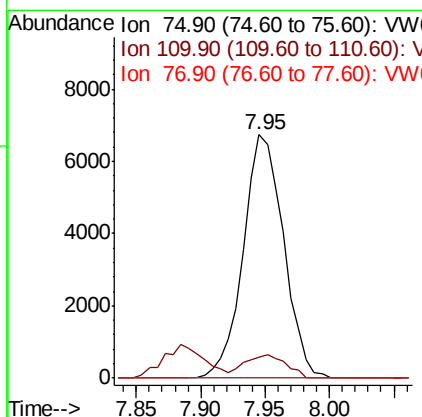
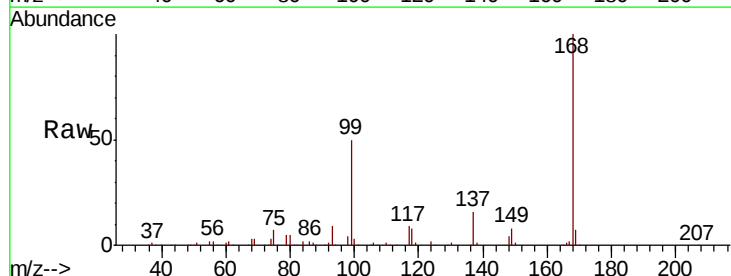
Instrument :
 MSVOA_W
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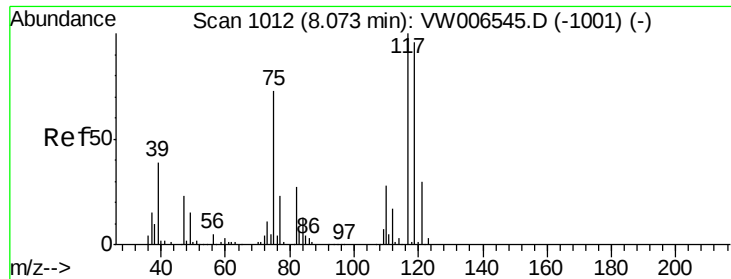
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	23.9	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.863 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006611.D
 Acq: 02 Nov 2018 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.5	58.5#
77	0.0	24.6	37.0#

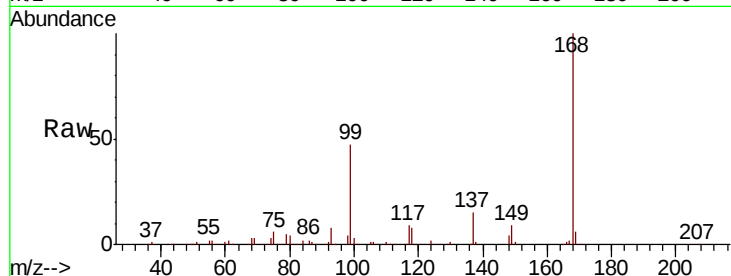




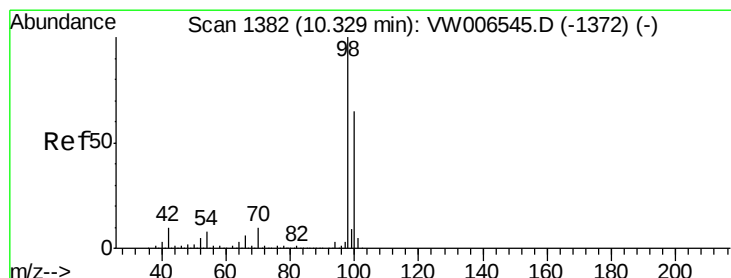
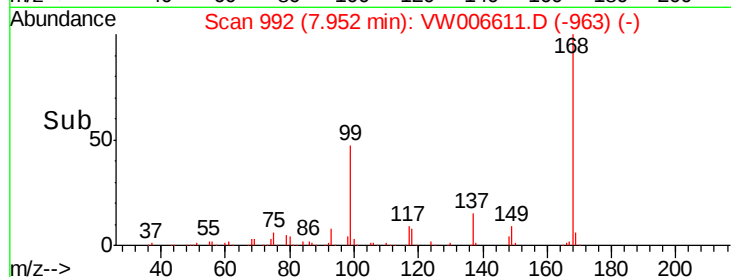
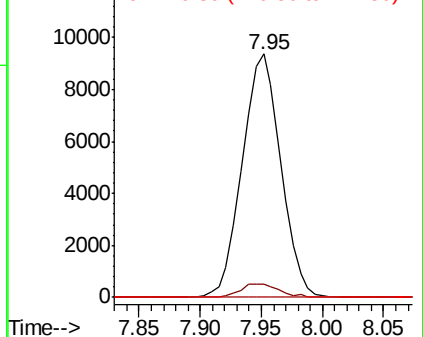
#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006611.D
Acq: 02 Nov 2018 19:34

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Tgt Ion: 117 Resp: 20514
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.1 36.1#

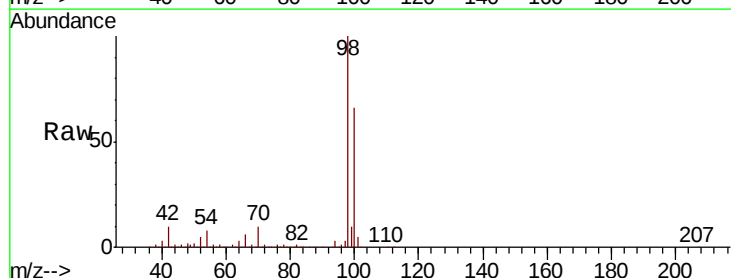


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

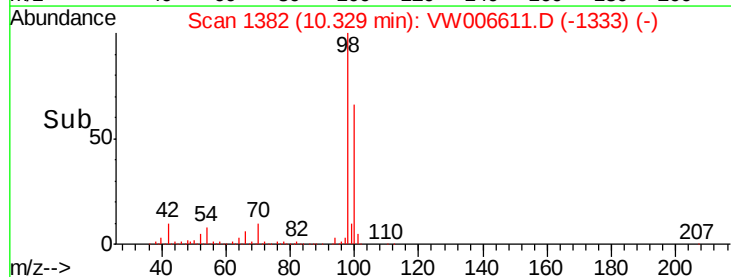
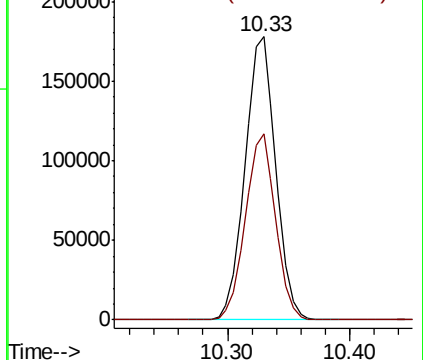


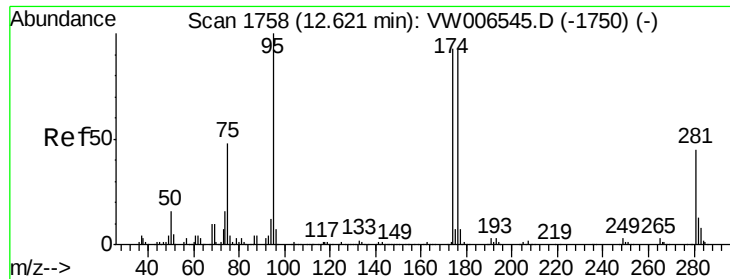
#50
Toluene-d8
Concen: 38.035 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006611.D
Acq: 02 Nov 2018 19:34

Tgt Ion: 98 Resp: 309673
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

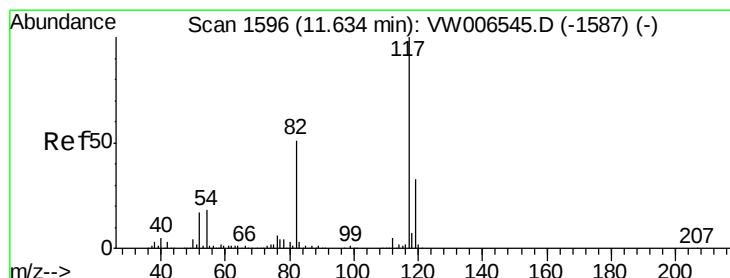
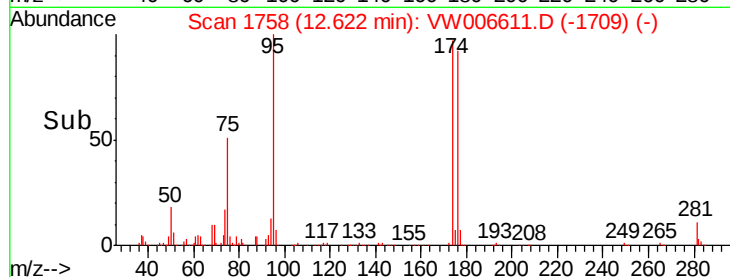
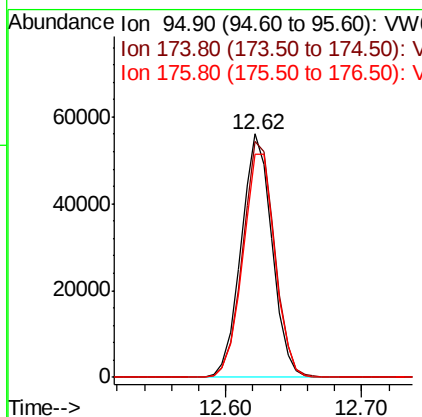
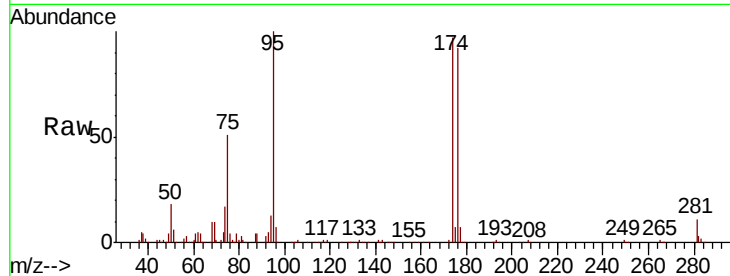




#62
4-Bromofluorobenzene
Concen: 30.090 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006611.D
Acq: 02 Nov 2018 19:34

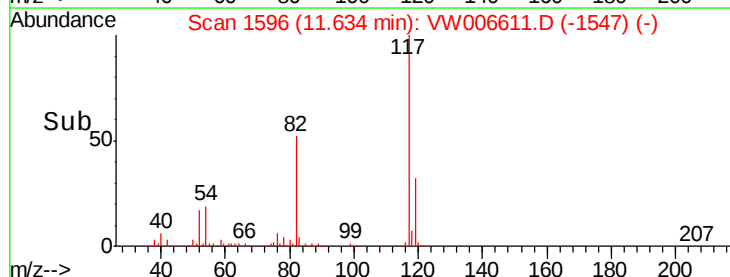
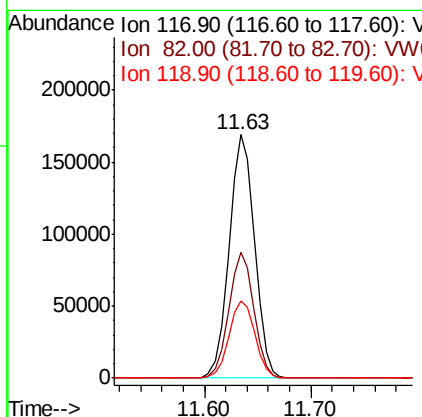
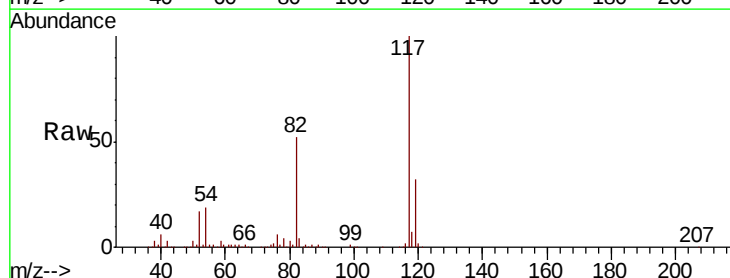
Instrument :
MSVOA_W
ClientSampleId :
SOIL-UNDER-BUCKET

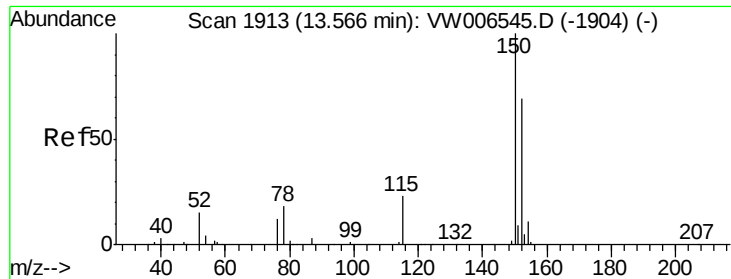
Tgt Ion: 95 Resp: 88819
Ion Ratio Lower Upper
95 100
174 99.7 0.0 192.4
176 95.8 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006611.D
Acq: 02 Nov 2018 19:34

Tgt Ion: 117 Resp: 283020
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006611.D

Acq: 02 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

SOIL-UNDER-BUCKET

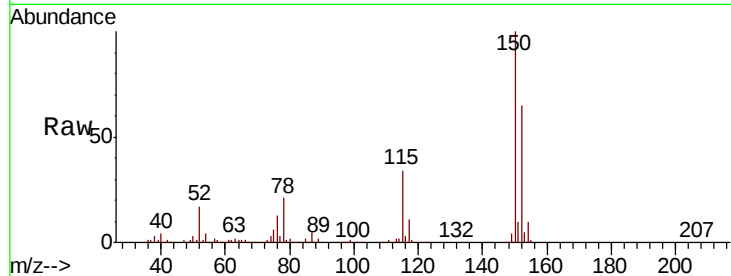
Tgt Ion: 152 Resp: 120886

Ion Ratio Lower Upper

152 100

115 52.9 26.6 79.8

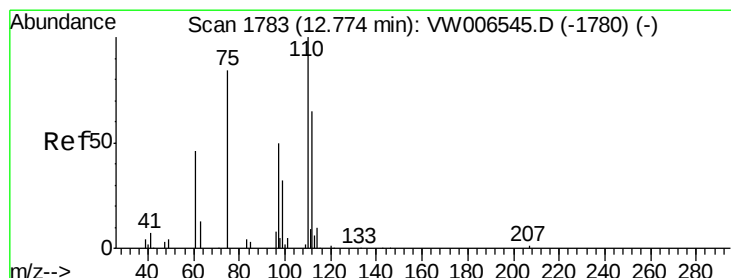
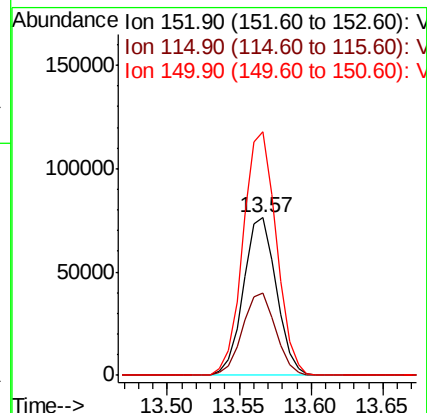
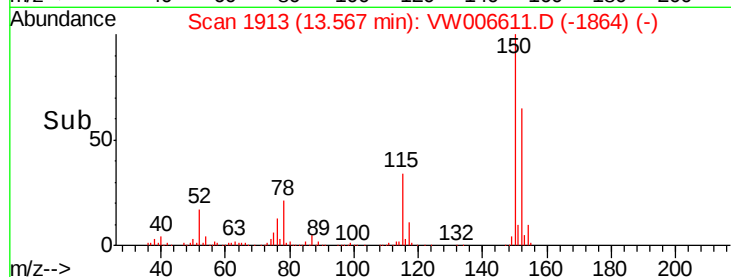
150 156.0 0.0 344.6



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



#76

1,2,3-Trichloropropane

Concen: 46.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006611.D

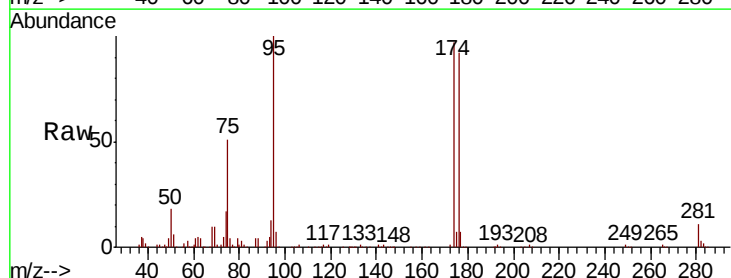
Acq: 02 Nov 2018 19:34

Tgt Ion: 75 Resp: 44226

Ion Ratio Lower Upper

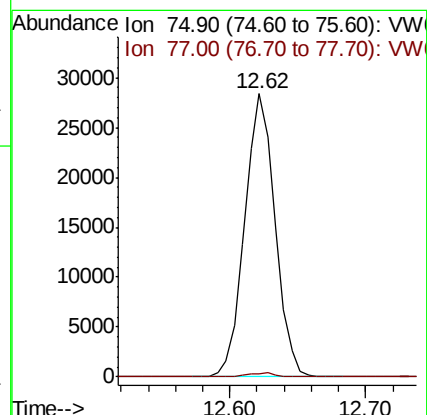
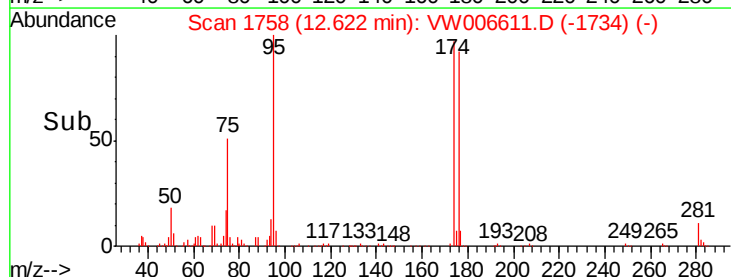
75 100

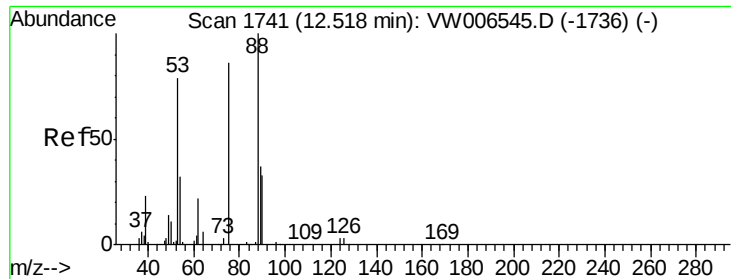
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 117.631 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006611.D

Acq: 02 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

SOIL-UNDER-BUCKET

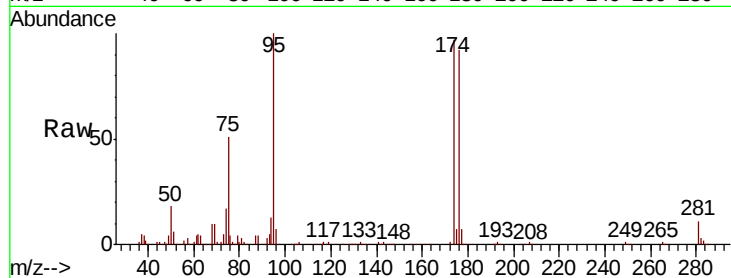
Tgt Ion: 75 Resp: 44226

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

