

Data File : VW006913.D
Acq On : 16 Nov 2018 12:09
Operator : SY/AP
Sample : J5944-09
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETH1

Quant Time: Nov 16 14:13:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	198932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194517	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41539	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
7) Chloroethane-d5	2.89	69	31205	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.02	63	80781	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.09	46	32275	33.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.32%
24) Chloroform-d	7.65	84	99979	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	62598	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.28	84	219625	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	9.27	67	66828	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.88%
37) Toluene-d8	10.33	98	226031	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.80%
38) trans-1,3-Dichloropropene-	10.58	79	28698	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.93	63	25755	33.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53533	19.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	80315	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

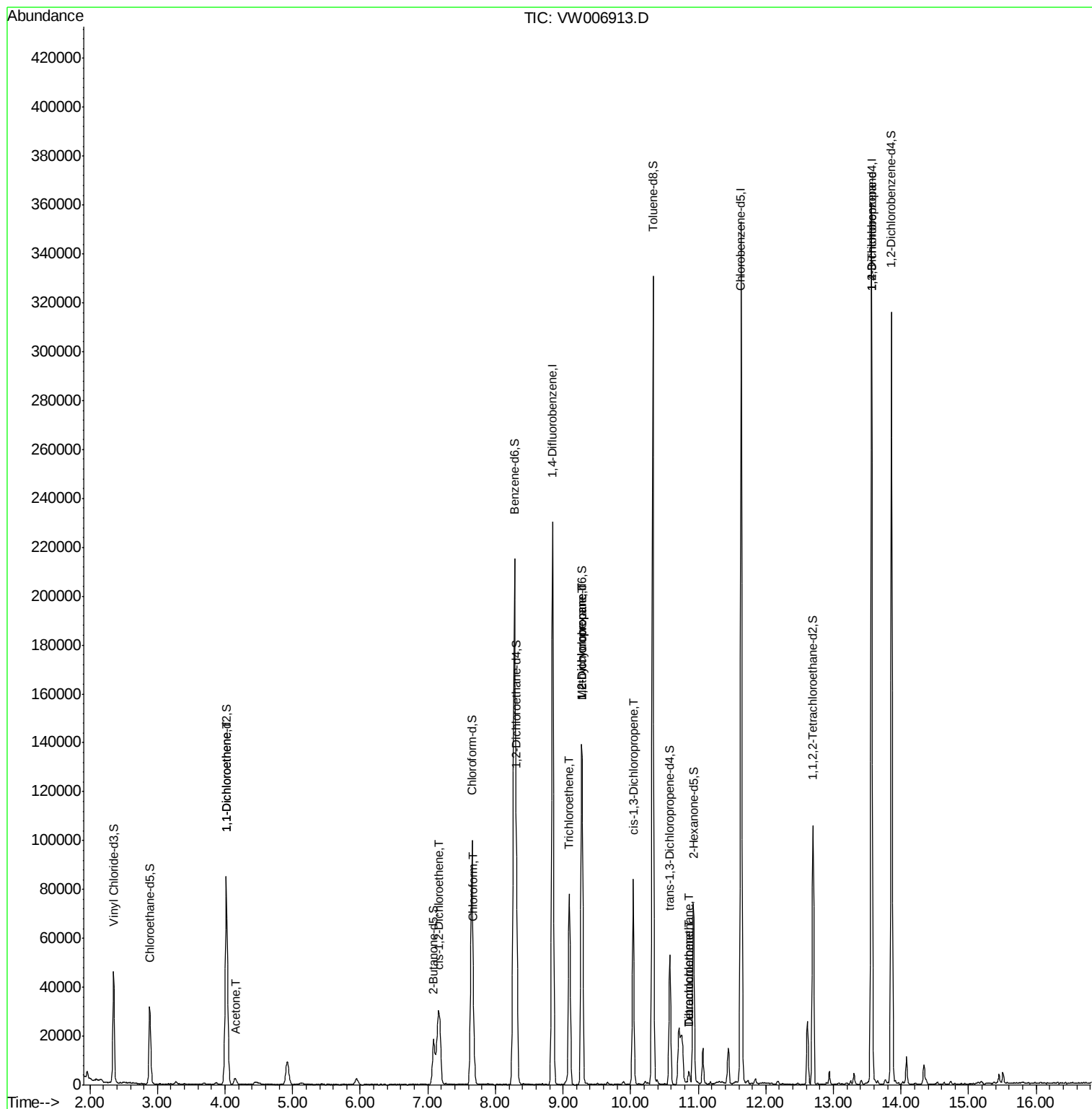
					Qvalue
12) 1,1-Dichloroethene	4.01	96	758	0.334 ug/L #	1
13) Acetone	4.15	43	3715	5.925 ug/L	70
22) cis-1,2-Dichloroethene	7.17	96	13323	5.029 ug/L	99
25) Chloroform	7.68	83	6583	1.344 ug/L	82
35) Trichloroethene	9.09	95	27551	9.299 ug/L	99
36) Methylcyclohexane	9.27	83	16473	2.892 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	7712	2.878 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1948	0.481 ug/L #	80
47) Tetrachloroethene	10.86	164	988	0.436 ug/L	93
50) Dibromochloromethane	10.87	129	1068	0.482 ug/L #	10
59) 1,2,3-Trichloropropane	13.57	75	11168	5.509 ug/L	93

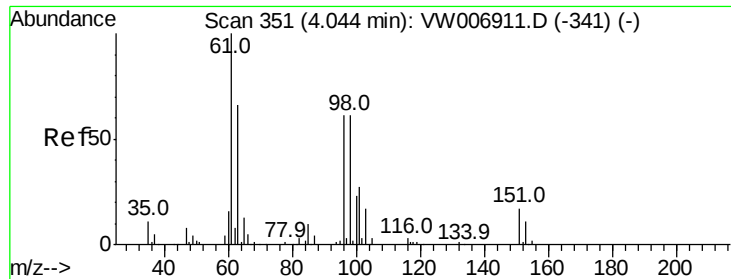
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

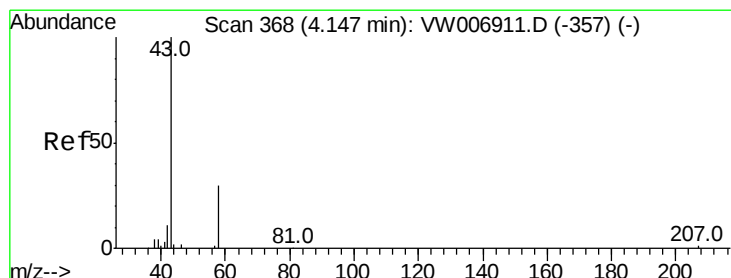
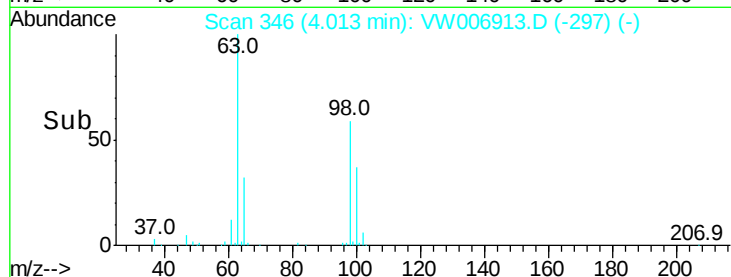
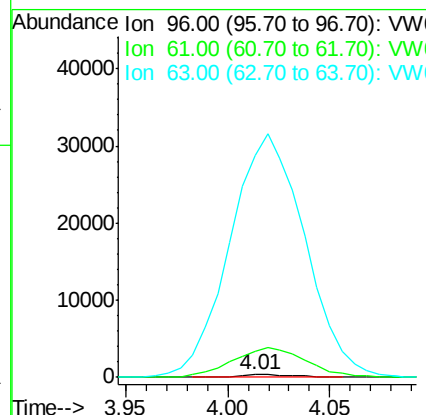
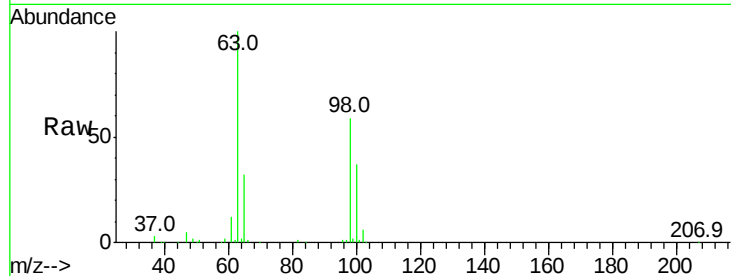




#12
 1,1-Dichloroethene
 Concen: 0.334 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.03 min
 Lab File: VW006913.D
 Acq: 16 Nov 2018 12:09

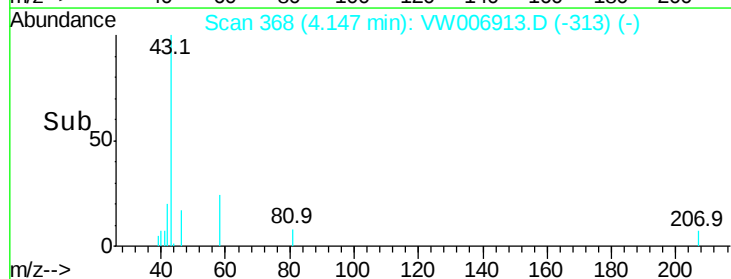
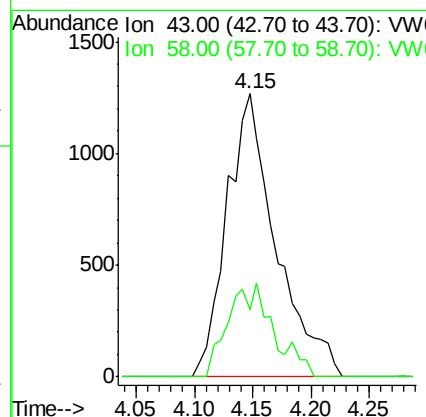
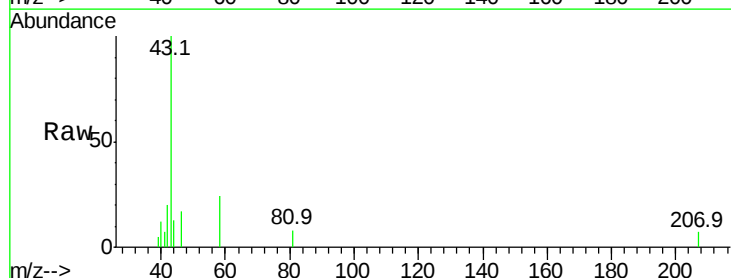
Instrument :
 MSVOA_W
 ClientSampled :
 ETH1

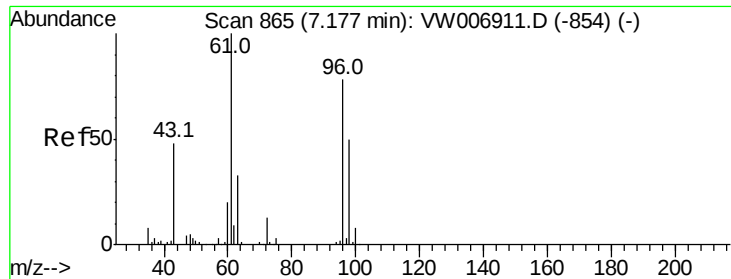
Tgt Ion: 96 Resp: 758
 Ion Ratio Lower Upper
 96 100
 61 1047.4 116.3 215.9#
 63 8841.8 73.4 136.4#



#13
 Acetone
 Concen: 5.925 ug/L
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW006913.D
 Acq: 16 Nov 2018 12:09

Tgt Ion: 43 Resp: 3715
 Ion Ratio Lower Upper
 43 100
 58 15.9 0.0 65.6



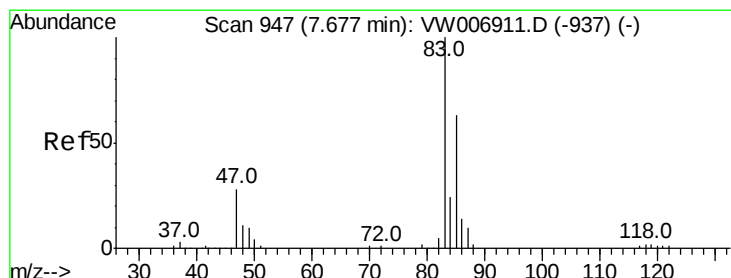
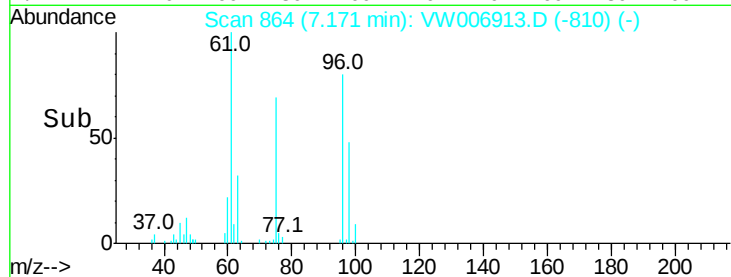
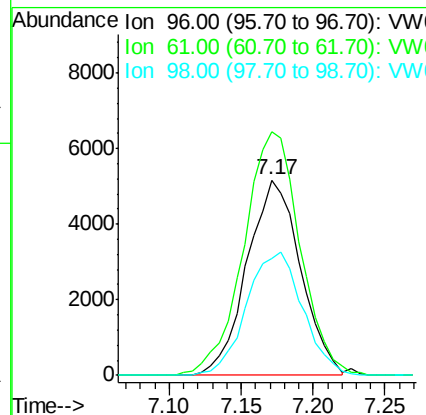
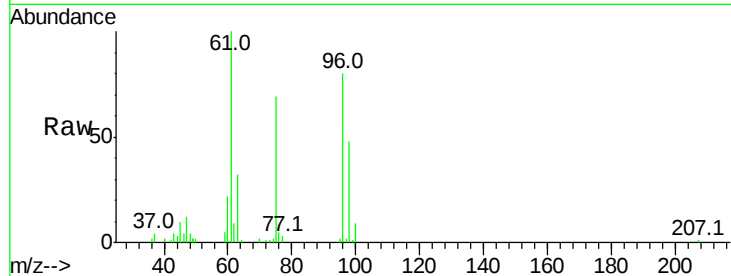


#22

cis-1,2-Dichloroethene
 Concen: 5.029 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006913.D
 Acq: 16 Nov 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ETH1

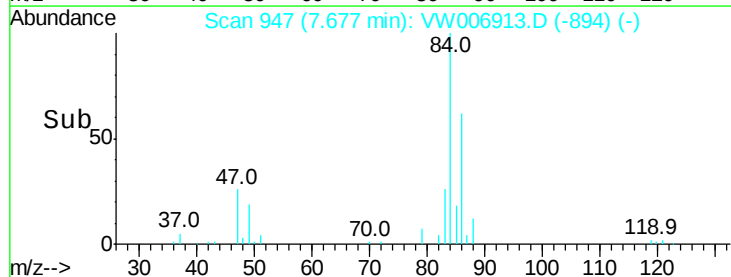
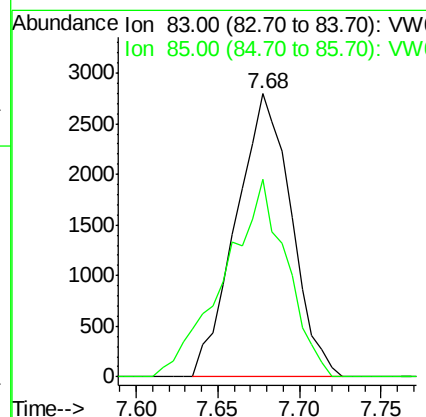
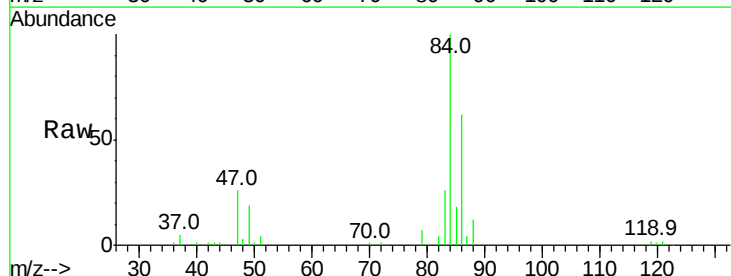
Tgt Ion: 96 Resp: 13323
 Ion Ratio Lower Upper
 96 100
 61 124.6 88.1 163.7
 98 60.0 43.1 80.1

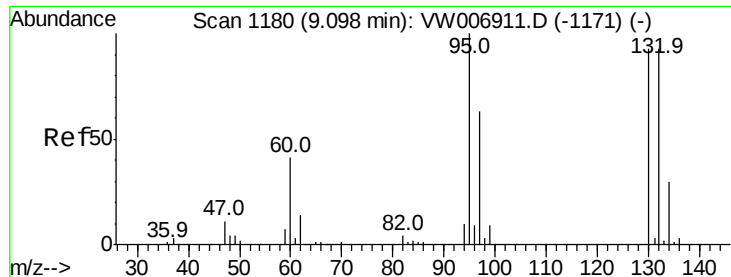


#25

Chloroform
 Concen: 1.344 ug/L
 RT: 7.68 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: VW006913.D
 Acq: 16 Nov 2018 12:09

Tgt Ion: 83 Resp: 6583
 Ion Ratio Lower Upper
 83 100
 85 78.7 45.4 84.2





#35

Trichloroethene

Concen: 9.299 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006913.D

Acq: 16 Nov 2018 12:09

Instrument :

MSVOA_W

ClientSampled :

ETH1

Tgt Ion: 95 Resp: 27551

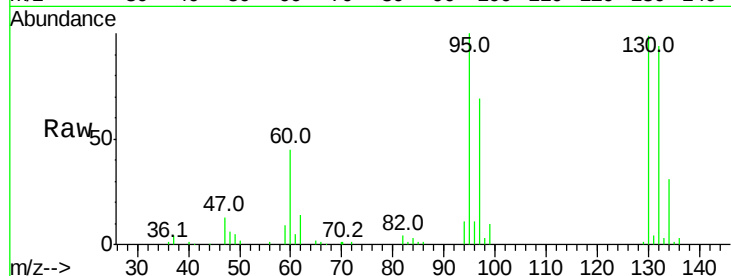
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.9

132 94.7 65.7 121.9

130 97.8 68.7 127.7

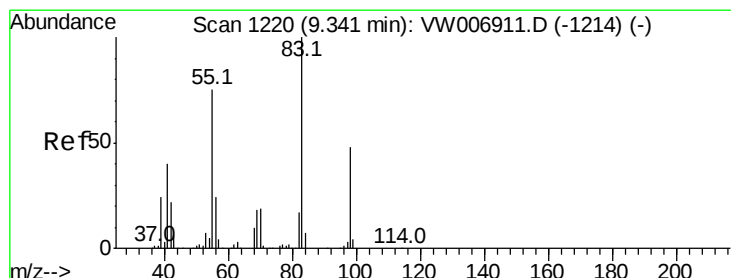
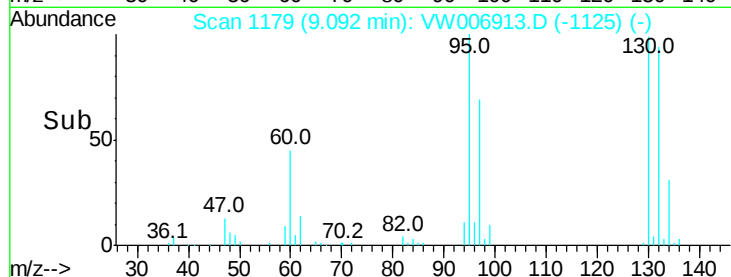
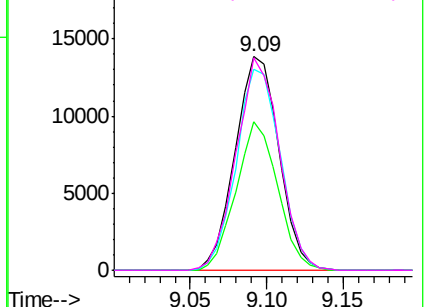


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 2.892 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW006913.D

Acq: 16 Nov 2018 12:09

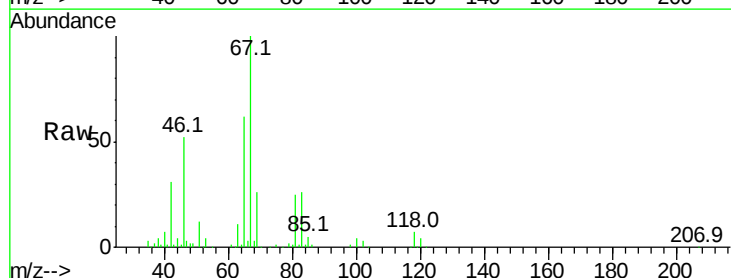
Tgt Ion: 83 Resp: 16473

Ion Ratio Lower Upper

83 100

55 0.3 60.2 90.2#

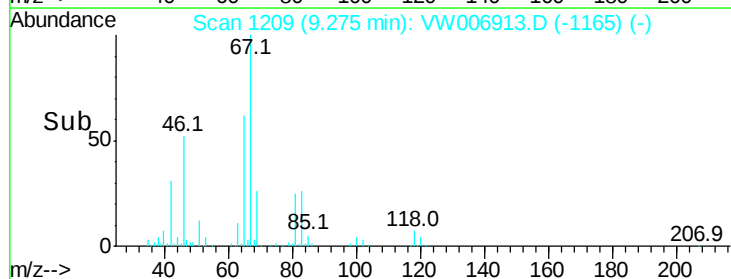
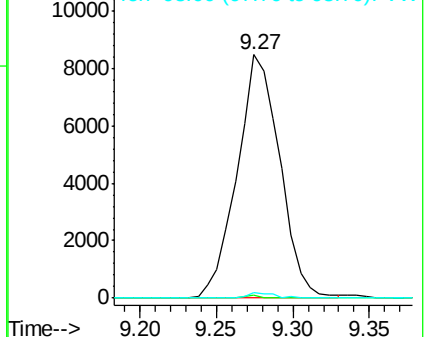
98 1.3 36.5 54.7#

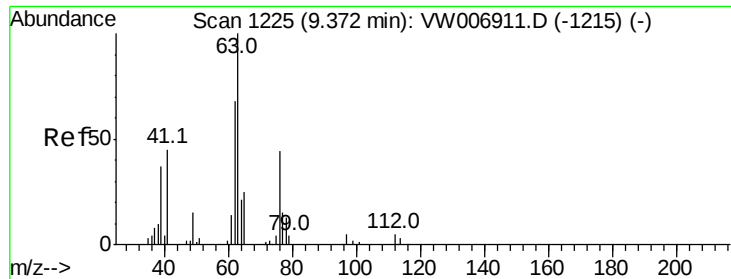


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

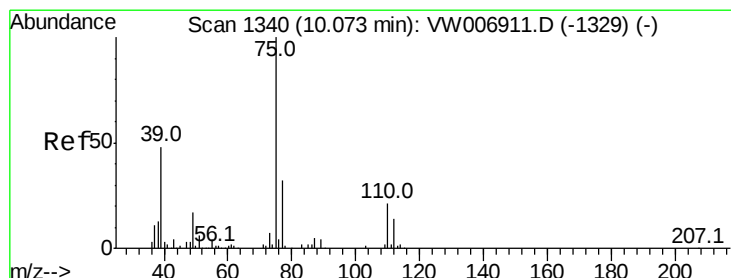
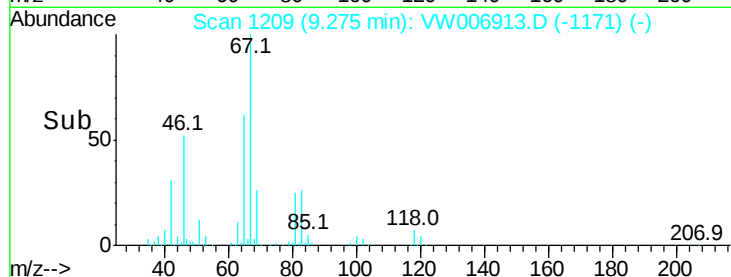
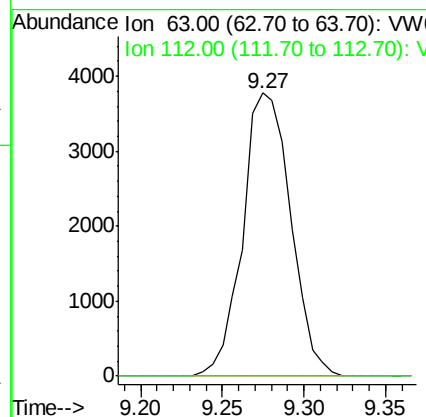
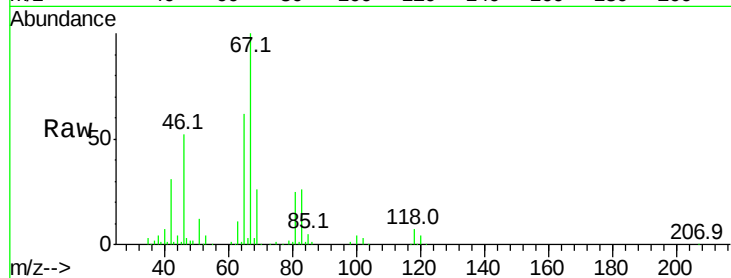




#40
 1,2-Dichloropropane
 Concen: 2.878 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006913.D
 Acq: 16 Nov 2018 12:09

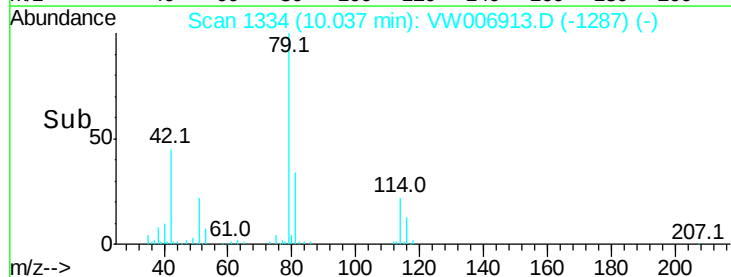
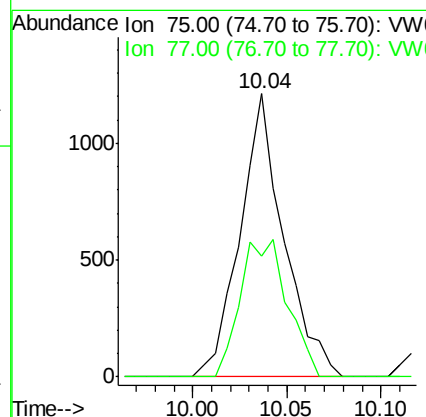
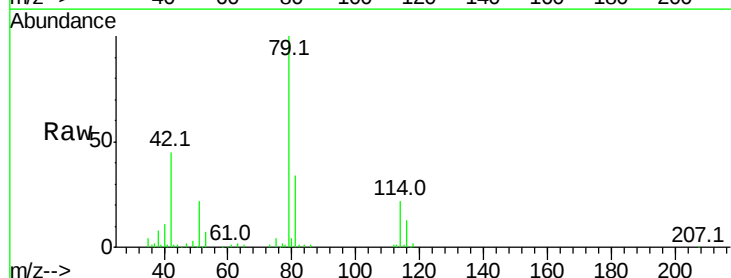
Instrument :
 MSVOA_W
 ClientSampled :
 ETH1

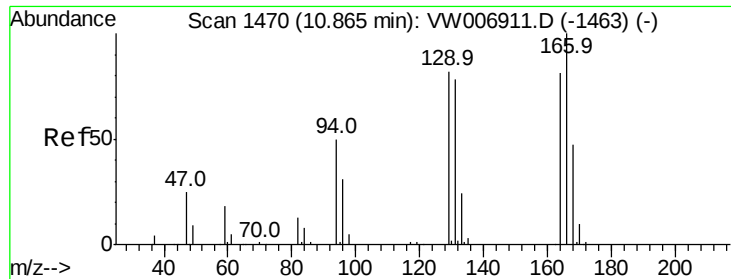
Tgt Ion: 63 Resp: 7712
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.481 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006913.D
 Acq: 16 Nov 2018 12:09

Tgt Ion: 75 Resp: 1948
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.9 40.7#





#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW006913.D

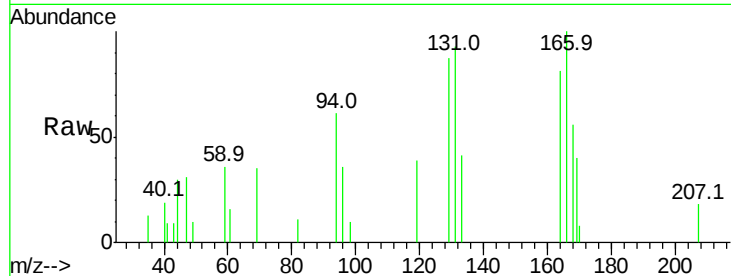
Acq: 16 Nov 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

ETH1



Tgt Ion:164 Resp: 988

Ion Ratio Lower Upper

164 100

129 108.2 75.0 139.2

131 115.1 72.5 134.7

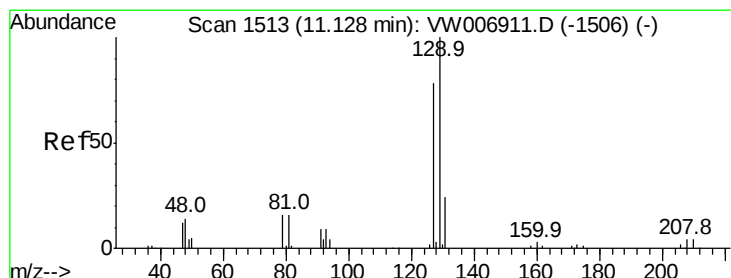
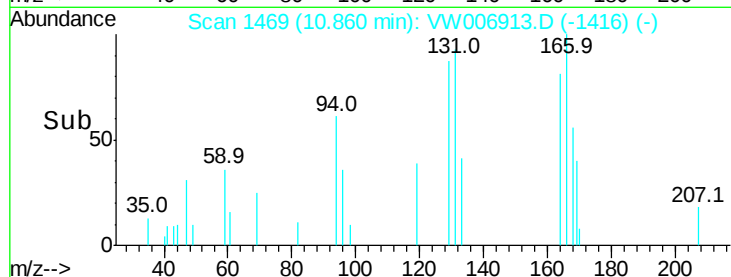
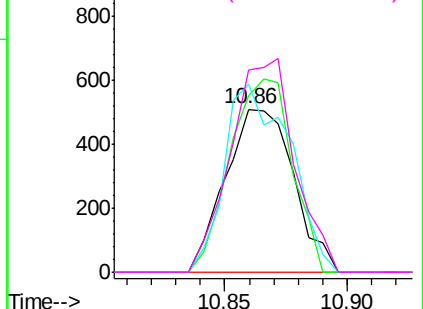
166 123.7 93.7 174.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.482 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW006913.D

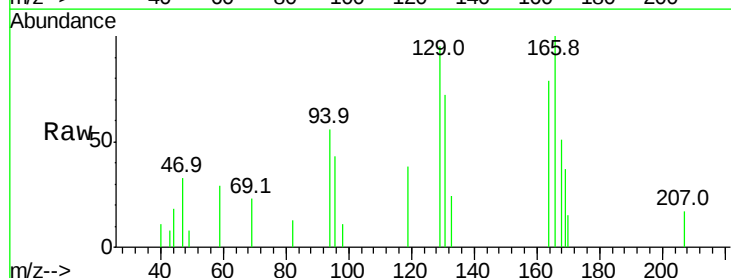
Acq: 16 Nov 2018 12:09

Tgt Ion:129 Resp: 1068

Ion Ratio Lower Upper

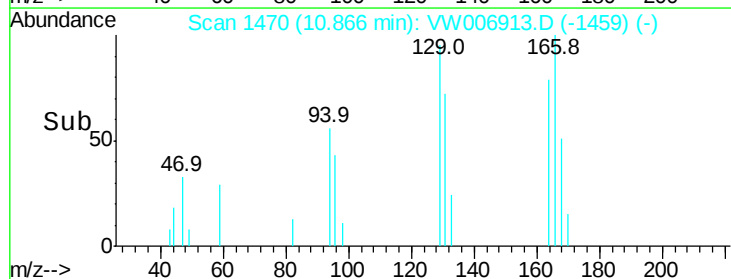
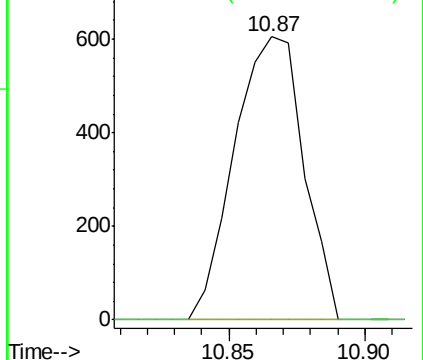
129 100

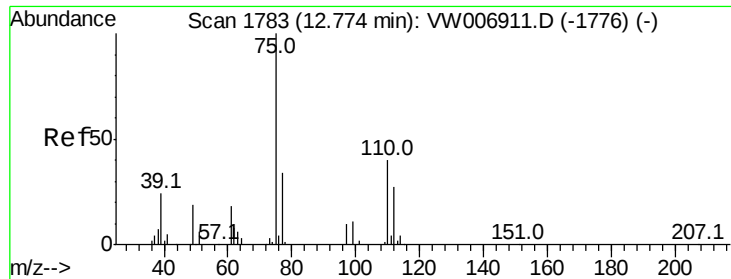
127 0.0 55.7 103.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.509 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006913.D

Acq: 16 Nov 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

ETH1

Tgt Ion: 75 Resp: 11168

Ion Ratio Lower Upper

75 100

77 36.8 26.5 39.7

