

Data File : VW009314.D
Acq On : 21 Mar 2019 04:33
Operator : SY/VA
Sample : K1988-15
Misc : 5.86G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0C6

Quant Time: Mar 21 12:25:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110798	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
7) Chloroethane-d5	2.90	69	103602	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	4.01	63	165772	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.84%
20) 2-Butanone-d5	7.08	46	69447	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
24) Chloroform-d	7.64	84	233322	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.30	65	138225	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	438298	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	138830	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.32	98	388047	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.57	79	56781	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	10.93	63	50717	36.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121685	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	148342	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

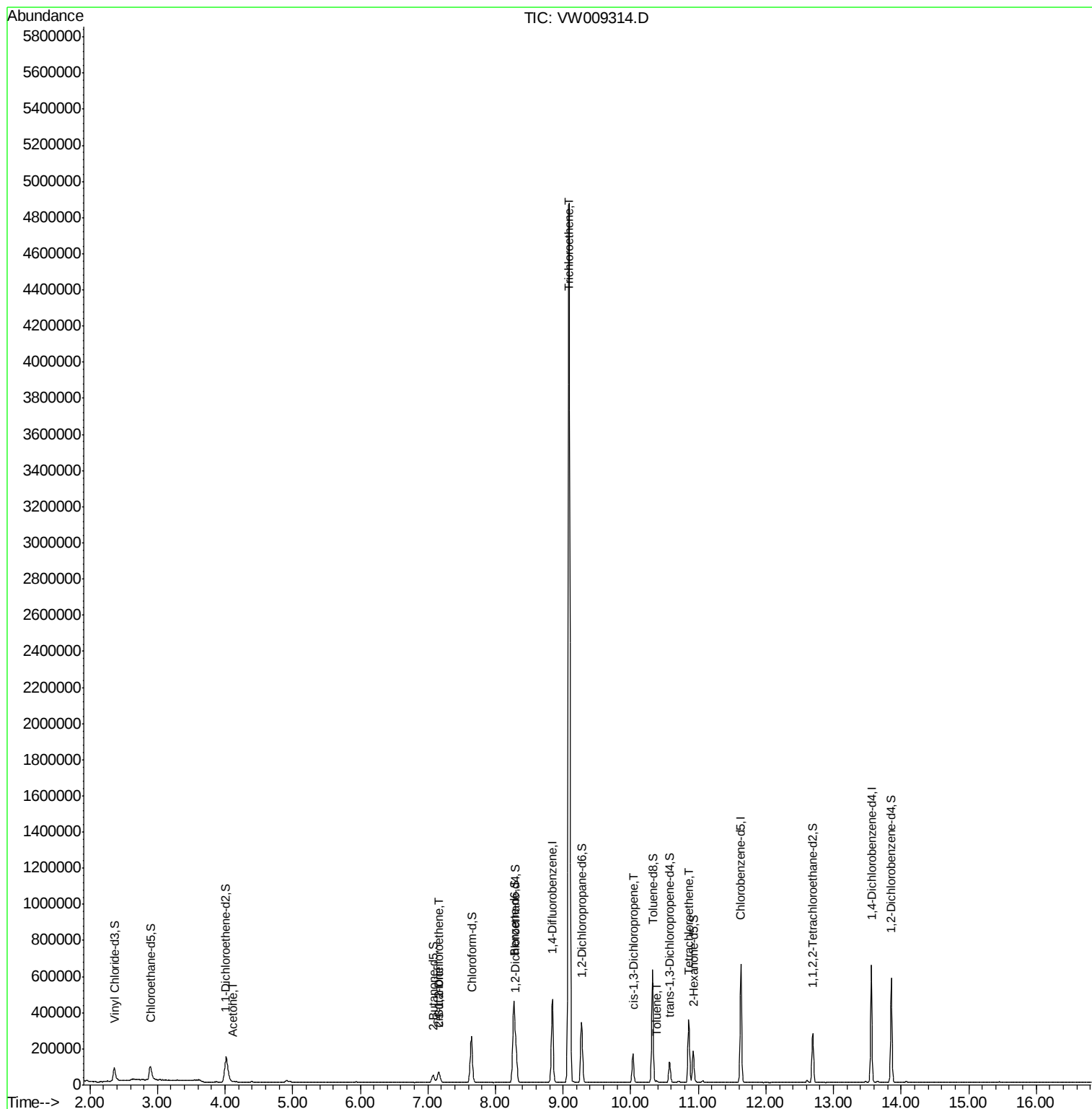
						Qvalue
13) Acetone	4.12	43	2178	1.483	ug/L	77
21) 2-Butanone	7.16	43	1084	0.535	ug/L	80
22) cis-1,2-Dichloroethene	7.16	96	26215	5.159	ug/L	96
35) Trichloroethene	9.09	95	1558369	304.918	ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4401	0.549	ug/L #	44
44) Toluene	10.38	91	5941	0.283	ug/L	93
47) Tetrachloroethene	10.86	164	71058	16.455	ug/L	97

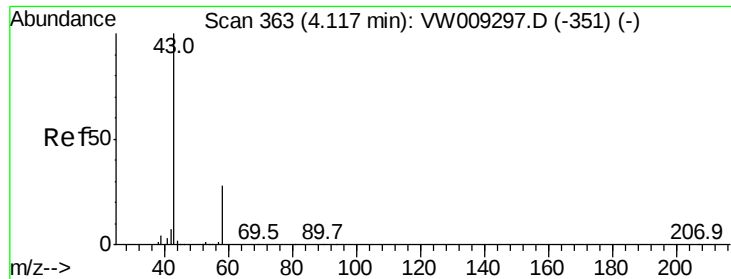
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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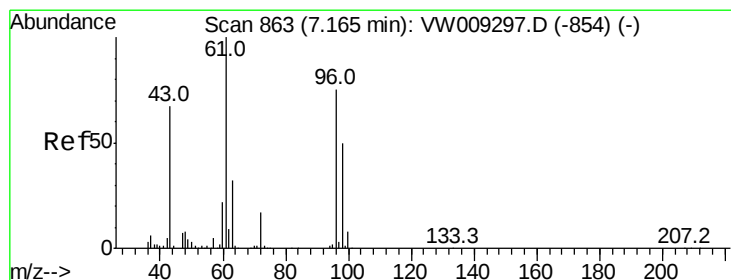
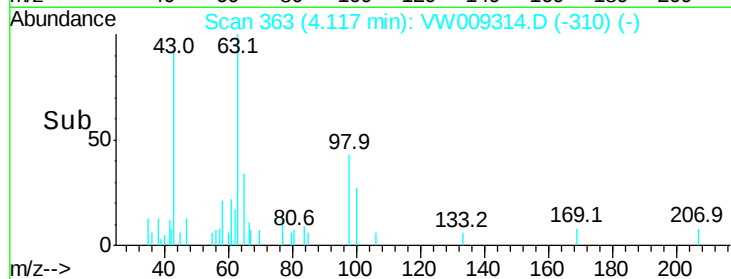
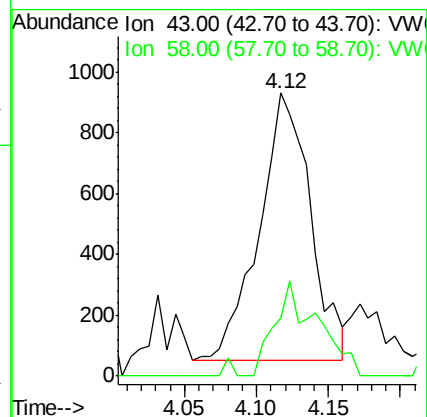
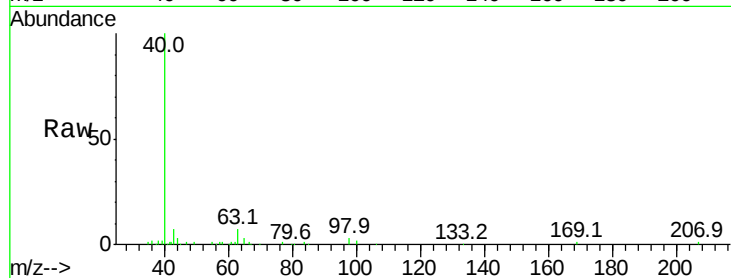




#13
Acetone
Concen: 1.483 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

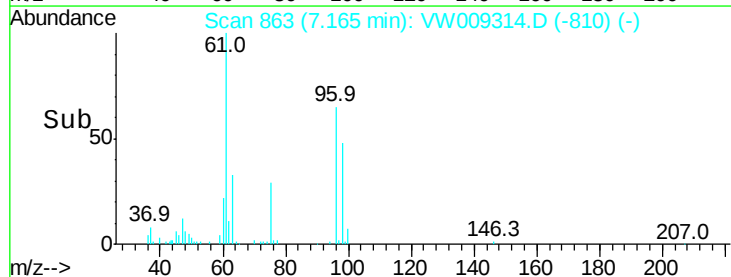
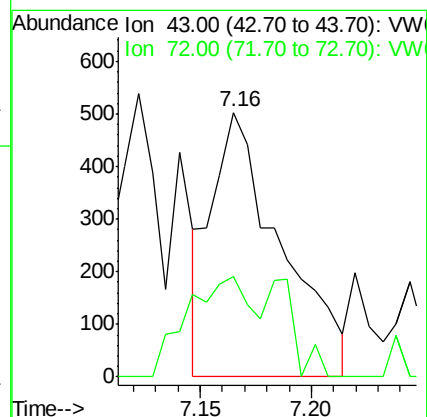
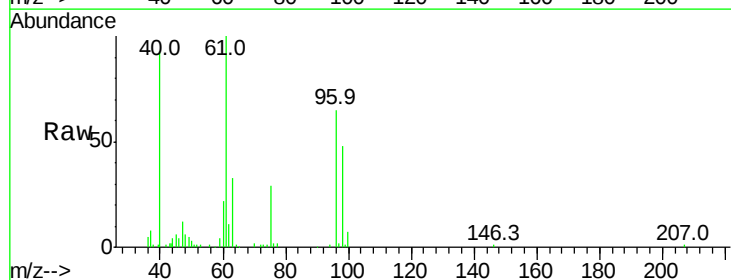
Instrument :
MSVOA_W
ClientSampled :
BF0C6

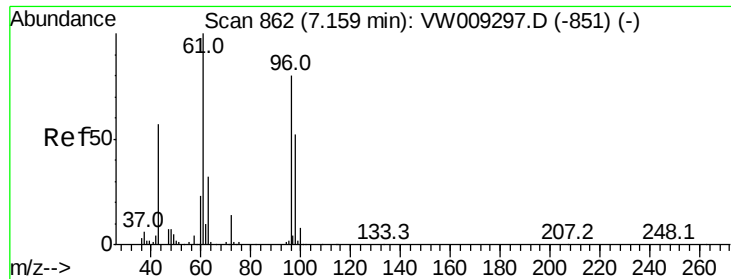
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 15.9 0.0 56.2



#21
2-Butanone
Concen: 0.535 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
72 36.5 13.1 39.1



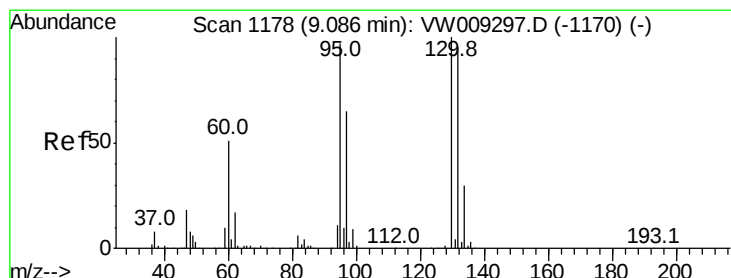
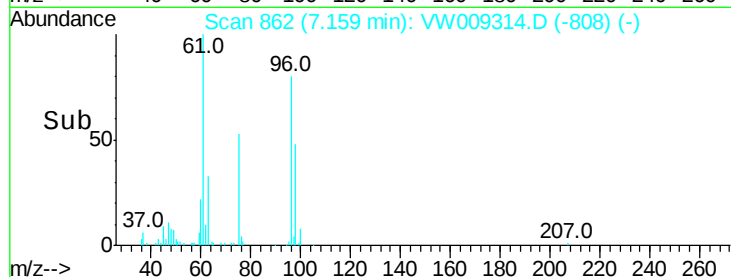
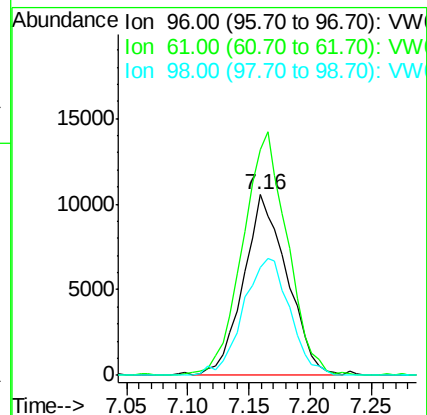
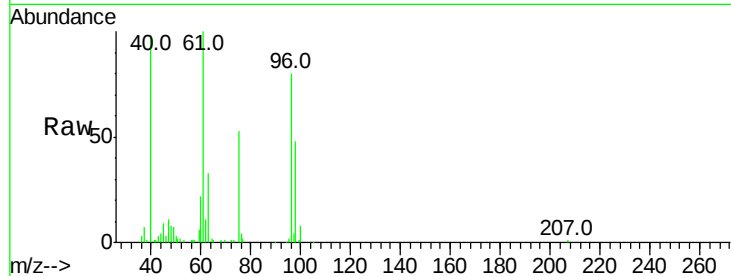


#22

cis-1,2-Dichloroethene
Concen: 5.159 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

Instrument :
MSVOA_W
ClientSampleId :
BF0C6

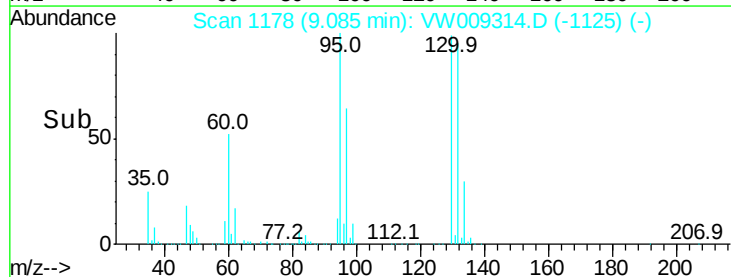
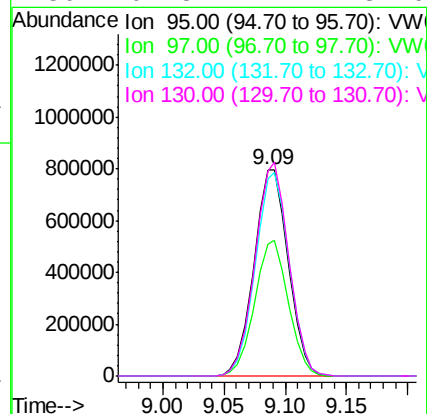
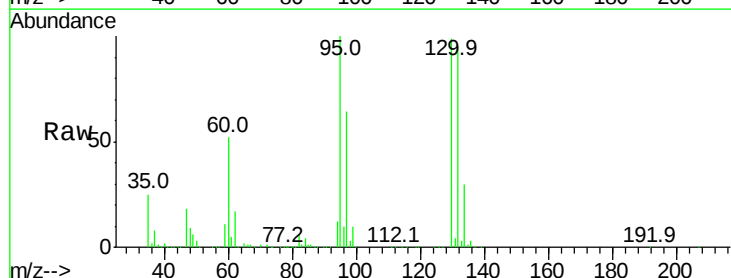
Tgt Ion: 96 Resp: 26215
Ion Ratio Lower Upper
96 100
61 124.9 90.6 168.3
98 59.5 44.0 81.8

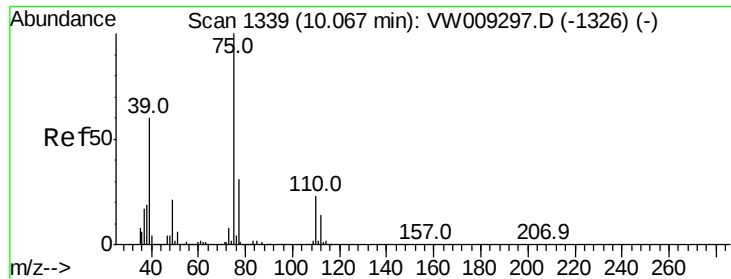


#35

Trichloroethene
Concen: 304.918 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009314.D
Acq: 21 Mar 2019 04:33

Tgt Ion: 95 Resp: 1558369
Ion Ratio Lower Upper
95 100
97 64.4 44.7 82.9
132 97.6 69.0 128.2
130 101.8 72.7 134.9





#42

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009314.D

Acq: 21 Mar 2019 04:33

Instrument :

MSVOA_W

ClientSampled :

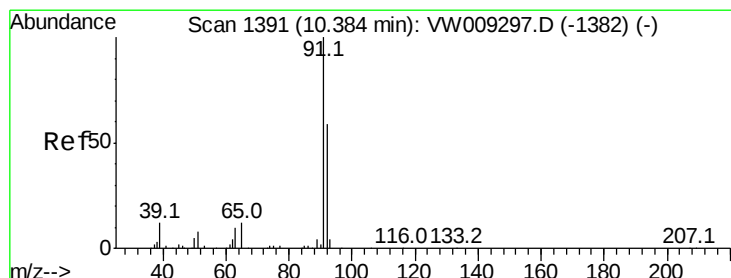
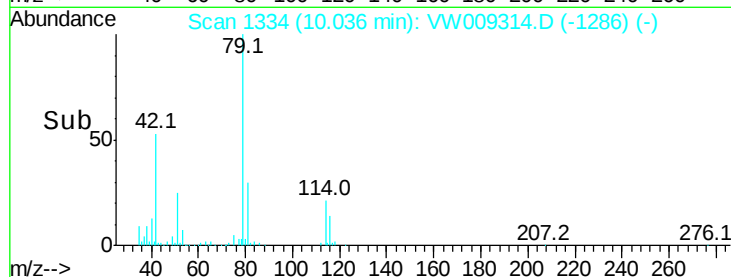
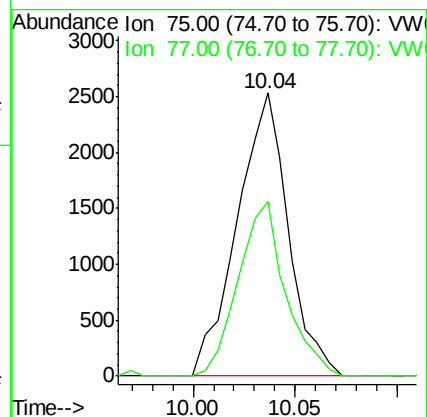
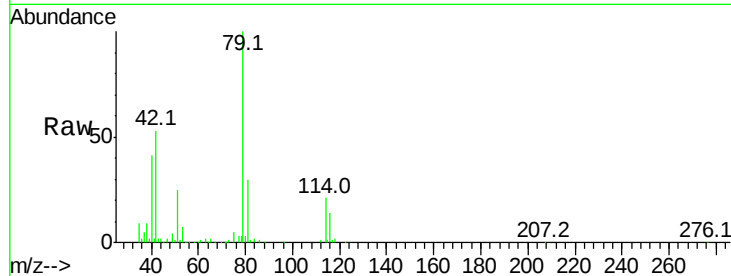
BF0C6

Tgt Ion: 75 Resp: 4401

Ion Ratio Lower Upper

75 100

77 61.5 21.6 40.2#



#44

Toluene

Concen: 0.283 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009314.D

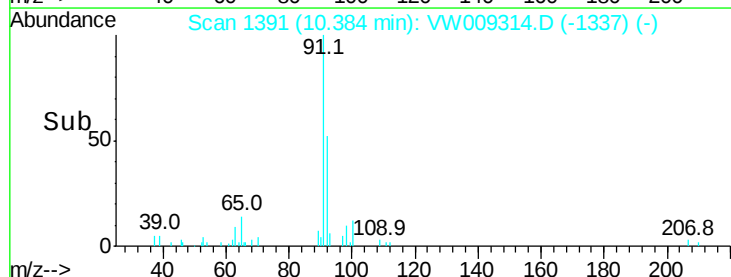
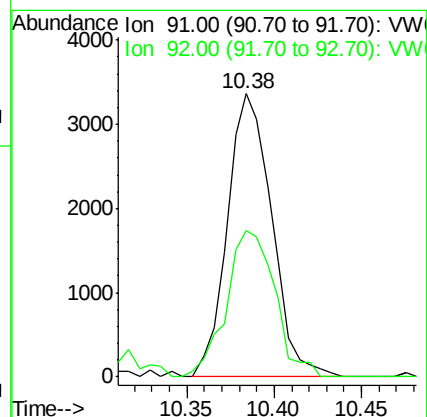
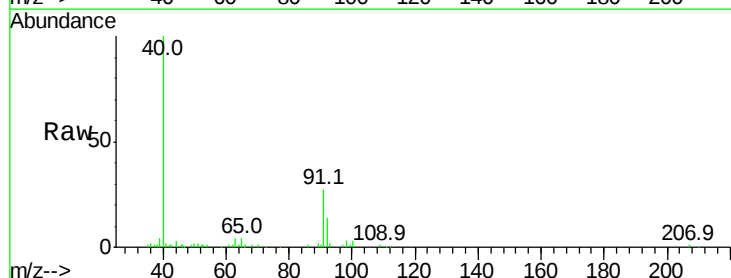
Acq: 21 Mar 2019 04:33

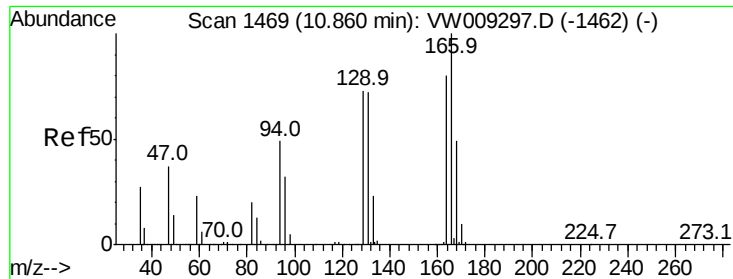
Tgt Ion: 91 Resp: 5941

Ion Ratio Lower Upper

91 100

92 51.5 39.8 73.8





#47

Tetrachloroethene

Concen: 16.455 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009314.D

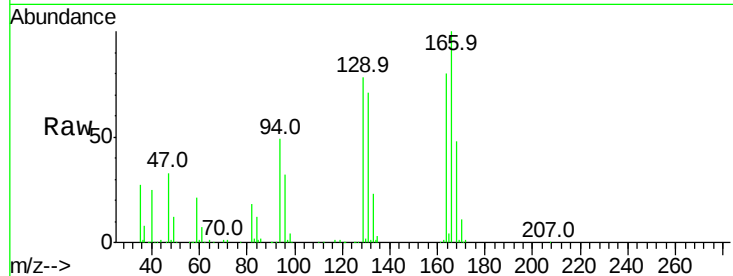
Acq: 21 Mar 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

BF0C6



Tgt Ion:164 Resp: 71058

Ion Ratio Lower Upper

164 100

129 97.2 66.5 123.5

131 88.1 62.6 116.3

166 124.2 91.6 170.0

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

