

Data File : VW009309.D
Acq On : 21 Mar 2019 02:18
Operator : SY/VA
Sample : K1988-10
Misc : 5.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0C1

Quant Time: Mar 21 12:24:40 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	322907	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305079	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140081	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109269	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.28%
7) Chloroethane-d5	2.89	69	100429	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	4.01	63	163461	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.40%
20) 2-Butanone-d5	7.07	46	75196	47.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.24%
24) Chloroform-d	7.64	84	231481	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	8.38	65	137	0.03	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	432776	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	132471	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.84%
37) Toluene-d8	10.32	98	372517	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	56714	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.40%
39) 2-Hexanone-d5	10.93	63	55690	45.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125169	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	137394	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

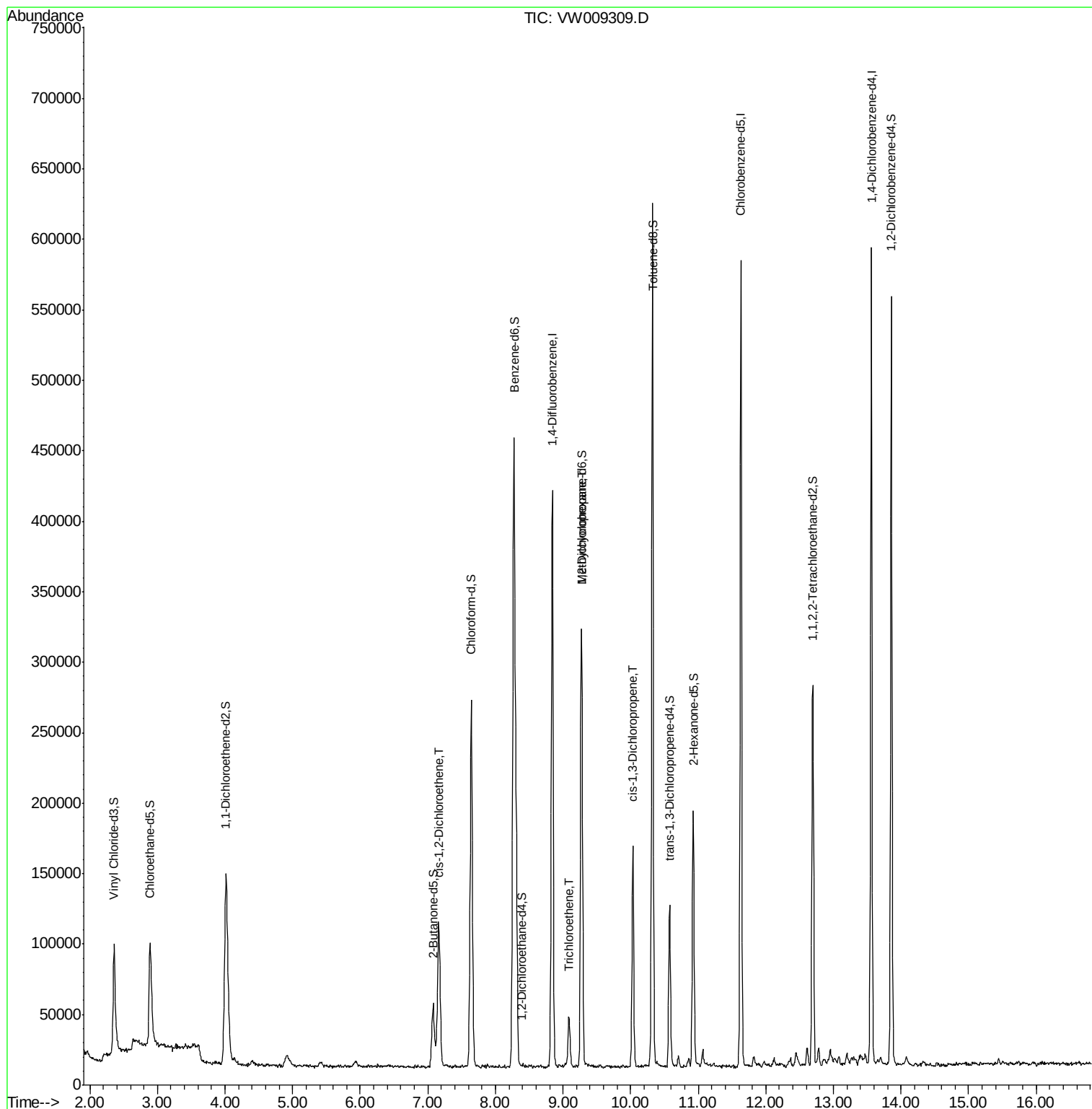
					Qvalue
22) cis-1,2-Dichloroethene	7.17	96	50515	11.154 ug/L	97
35) Trichloroethene	9.09	95	11541	2.594 ug/L	96
36) Methylcyclohexane	9.27	83	32492	4.221 ug/L #	17
42) cis-1,3-Dichloropropene	10.03	75	4266	0.611 ug/L #	65

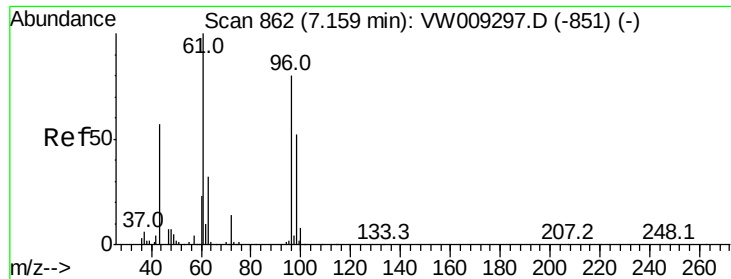
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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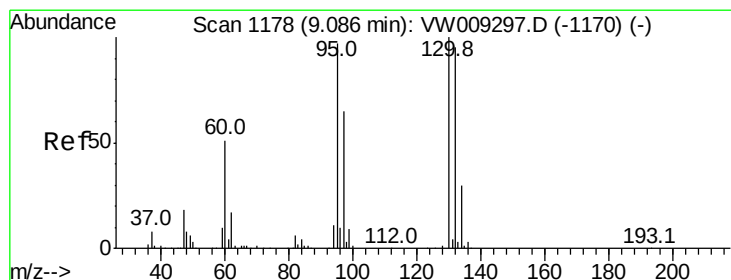
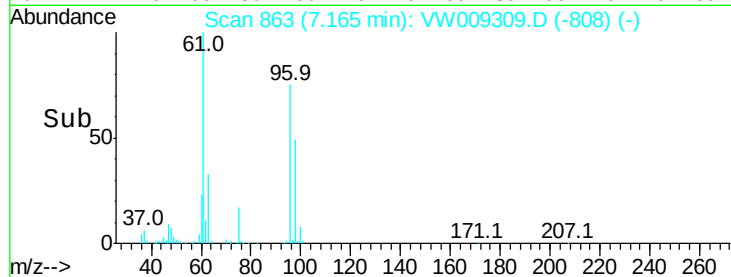
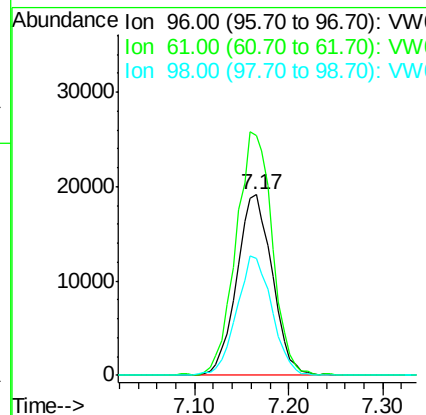
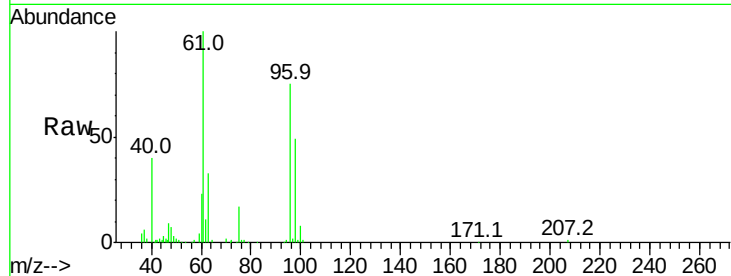


#22

cis-1,2-Dichloroethene
 Concen: 11.154 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009309.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C1

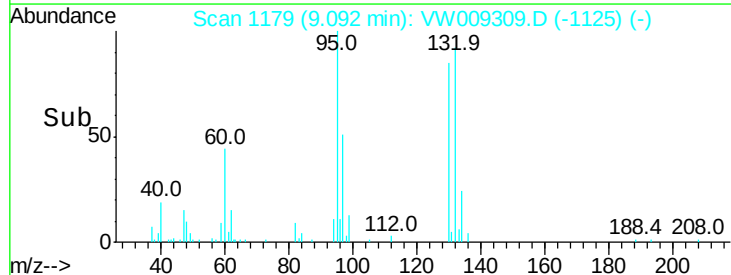
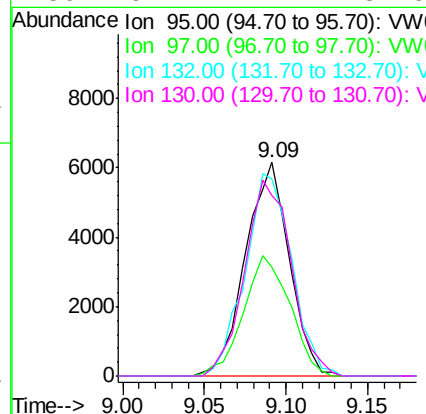
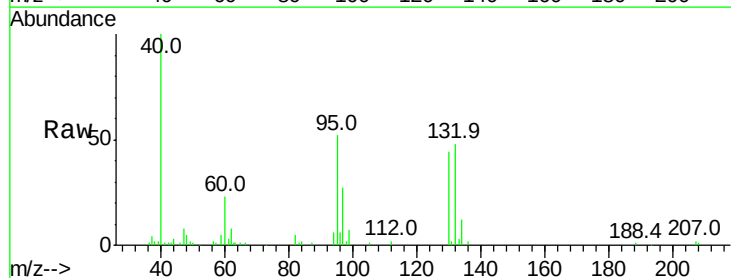
Tgt Ion: 96 Resp: 50515
 Ion Ratio Lower Upper
 96 100
 61 132.5 90.6 168.3
 98 65.0 44.0 81.8

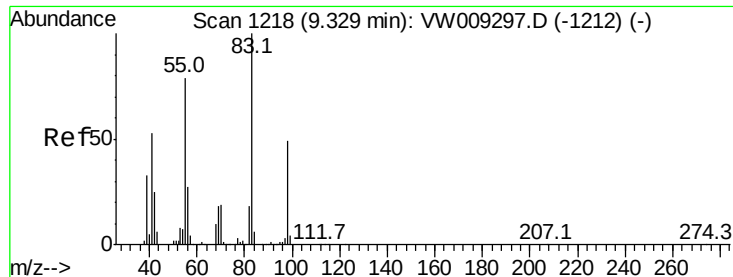


#35

Trichloroethene
 Concen: 2.594 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW009309.D
 Acq: 21 Mar 2019 02:18

Tgt Ion: 95 Resp: 11541
 Ion Ratio Lower Upper
 95 100
 97 59.7 44.7 82.9
 132 100.6 69.0 128.2
 130 97.7 72.7 134.9

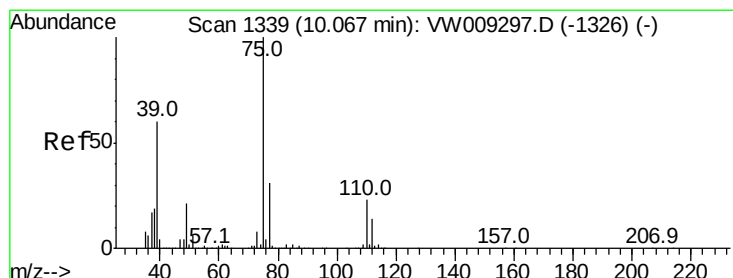
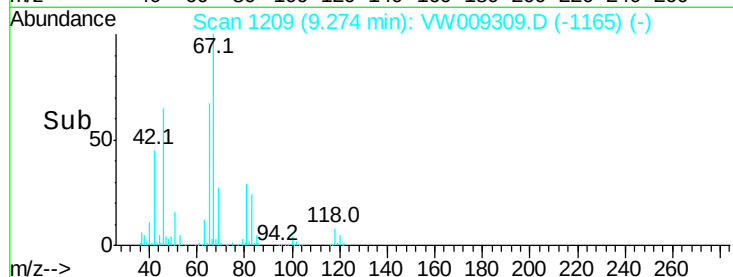
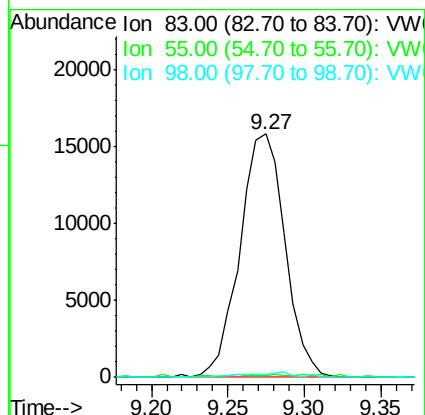
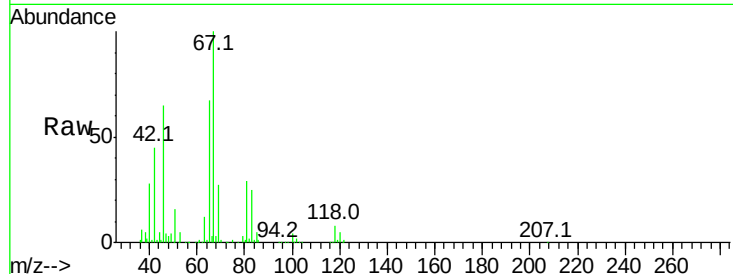




#36
Methylcyclohexane
Concen: 4.221 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW009309.D
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MSVOA_W
ClientSampled :
BF0C1

Tgt Ion: 83 Resp: 32492
Ion Ratio Lower Upper
83 100
55 0.3 63.5 95.3#
98 1.0 39.8 59.8#



#42
cis-1,3-Dichloropropene
Concen: 0.611 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009309.D
Acq: 21 Mar 2019 02:18

Tgt Ion: 75 Resp: 4266
Ion Ratio Lower Upper
75 100
77 50.2 21.6 40.2#

