

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 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

Manual Integrations
 APPROVED

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 3/25/2019 11:43:33 AM

Quant Time: Mar 22 09:39:36 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	8.30	65	137612m	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.68%
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					Ovalue
16) Methylene chloride	4.91	84	6881m	1.461	ug/L
22) cis-1,2-Dichloroethene	7.17	96	50515	11.154	ug/L
35) Trichloroethene	9.09	95	11541	2.594	ug/L

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

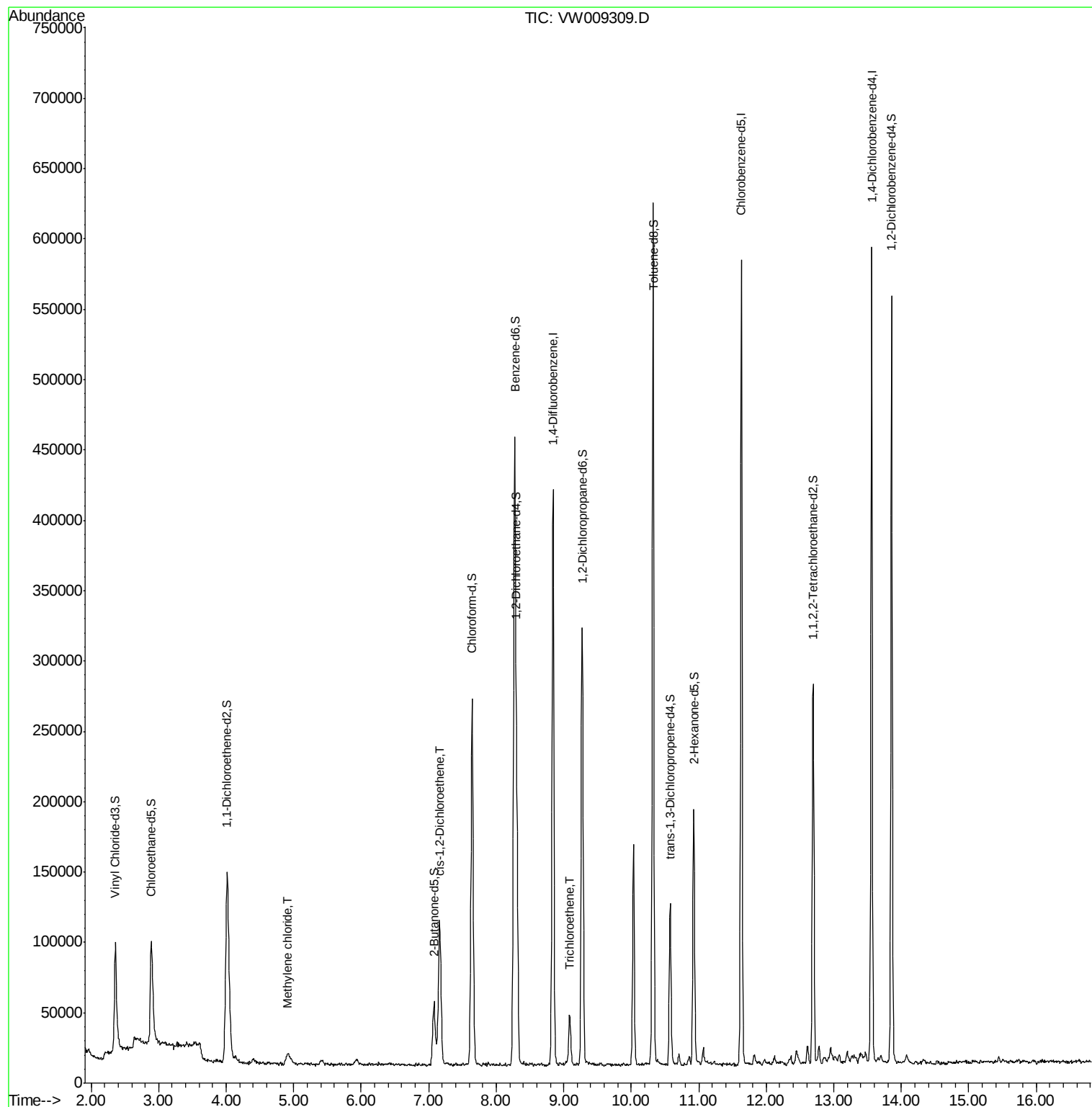
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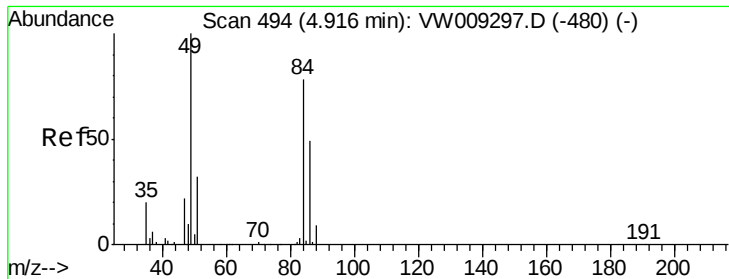
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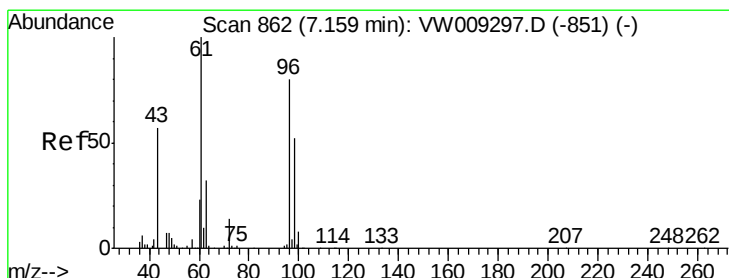
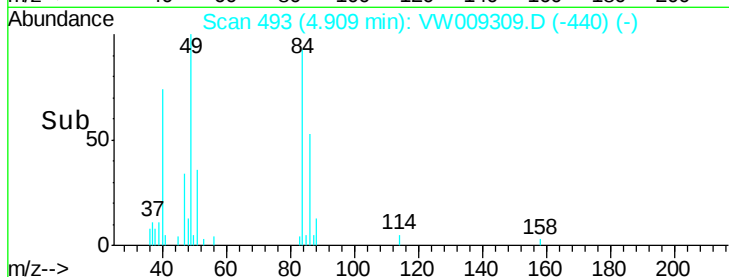
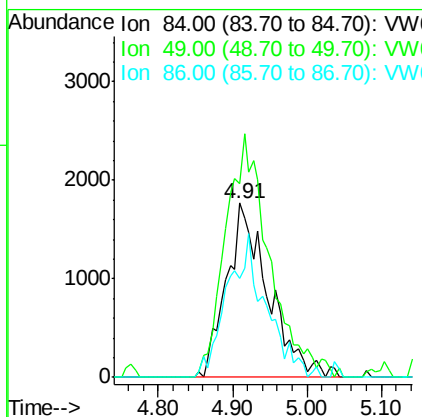
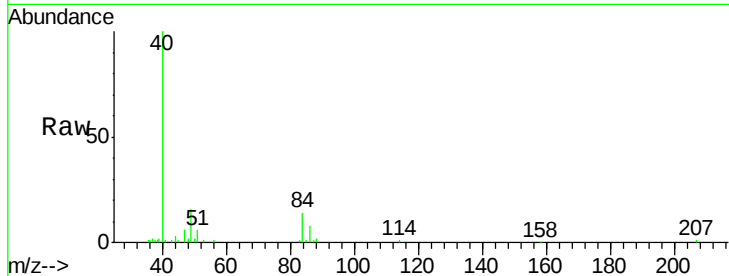
#16
Methvlene chloride
Concen: 1.461 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009309.D
Acq: 21 Mar 2019 02:18

Instrument :
MSVOA_W
ClientSampleId :
BF0C1

Tot Ion	Ratio	Lower	Upper
84	100		
49	111.3	96.0	178.2
86	57.1	44.4	82.5

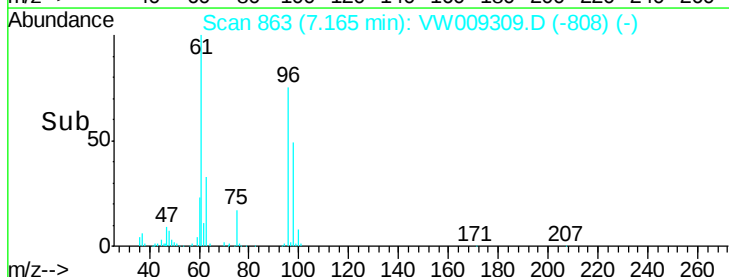
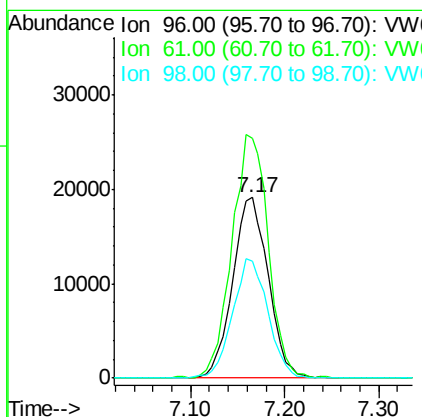
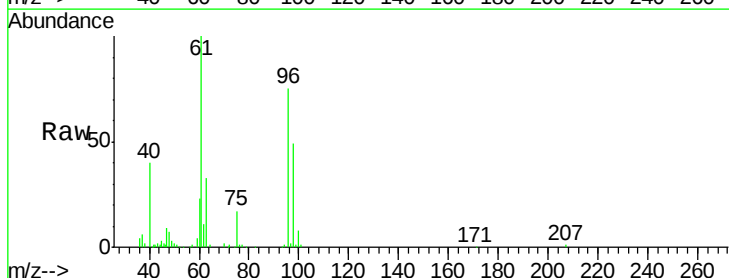
Manual Integrations
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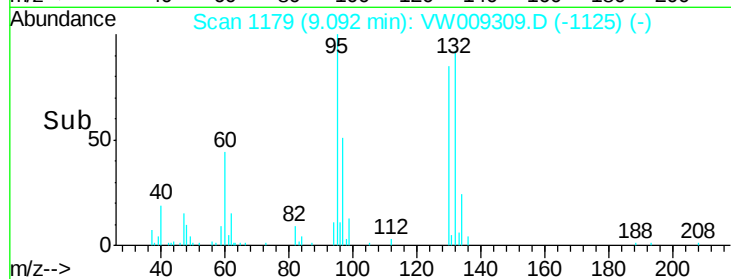
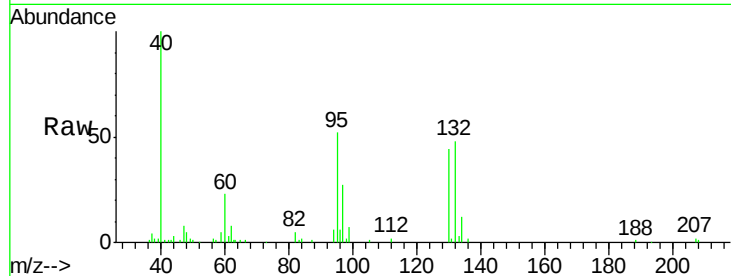
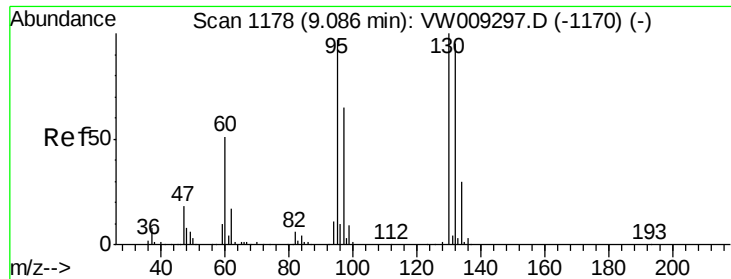
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#22
cis-1,2-Dichloroethene
Concen: 11.154 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009309.D
Acq: 21 Mar 2019 02:18

Tgt 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

Tot 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

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