

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009347.D
 Acq On : 22 Mar 2019 14:37
 Operator : SY/VA
 Sample : K2017-17
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E3

Manual Integrations
 APPROVED

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 3/25/2019 8:29:32 AM

Quant Time: Mar 23 04:55:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102771	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.89	69	107373	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
10) 1,1-Dichloroethene-d2	4.01	63	166093	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.08	46	108469	53.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.48%
24) Chloroform-d	7.65	84	253283	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.31	65	162096m	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.56%
29) Benzene-d6	8.27	84	471016	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
33) 1,2-Dichloropropane-d6	9.27	67	148526	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.32	98	414520	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	68503	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	78909	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162306	24.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	170359	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	11409m	1.916	ug/L
22) cis-1,2-Dichloroethene	7.16	96	17130	2.991	ug/L
35) Trichloroethene	9.09	95	11988	2.051	ug/L

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

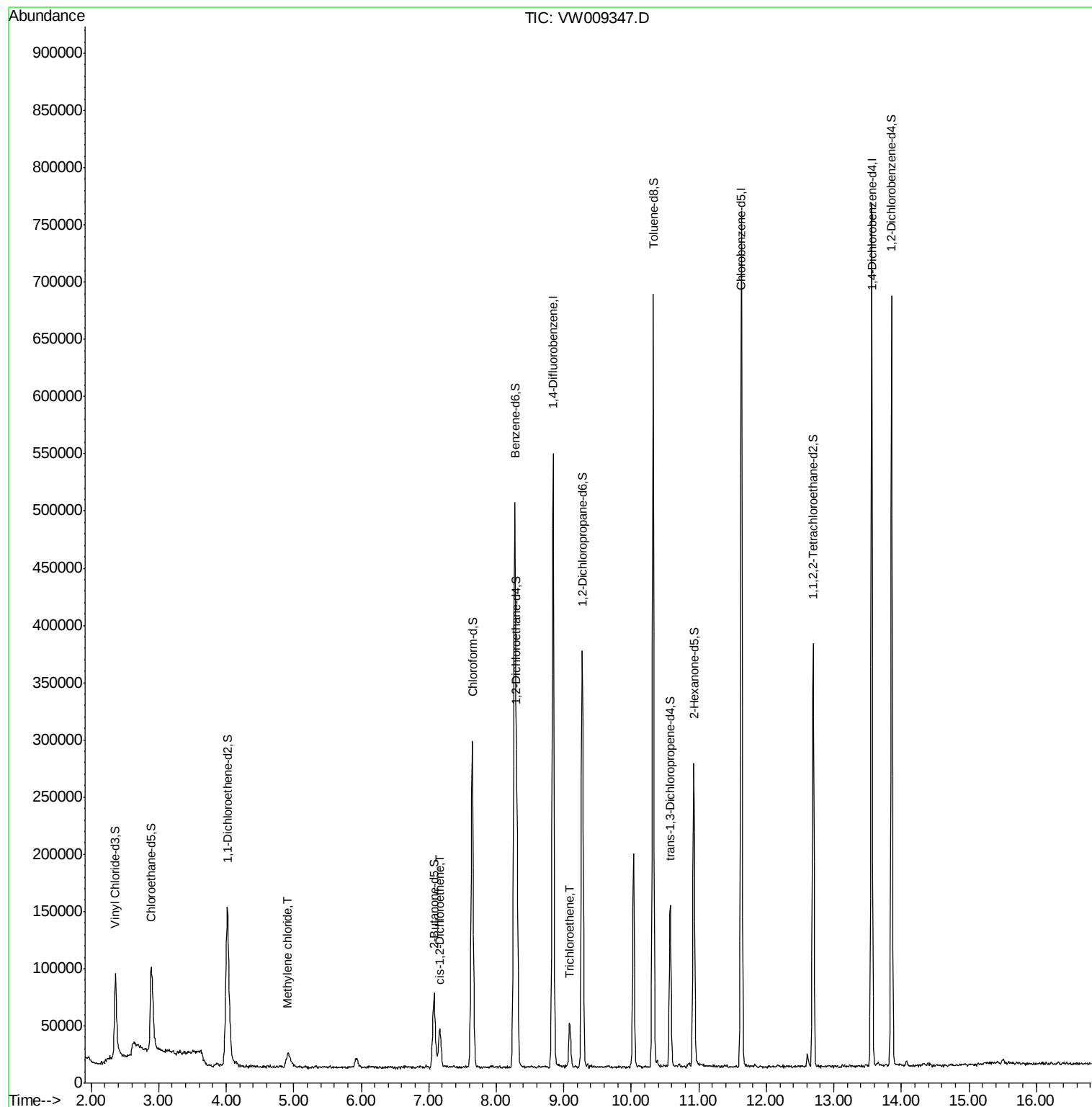
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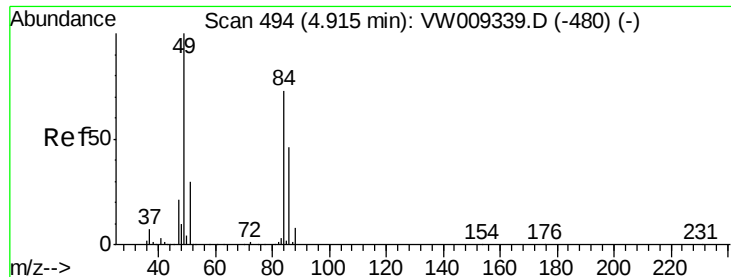
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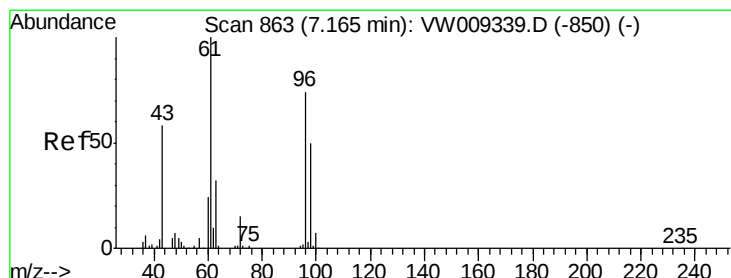
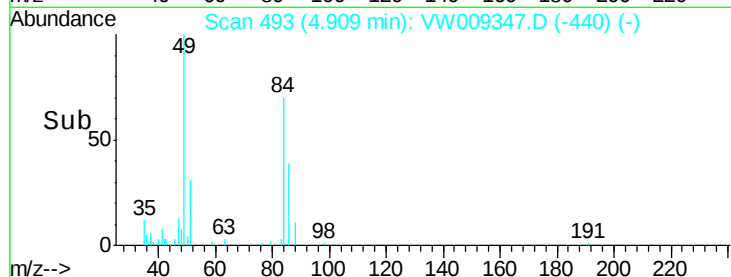
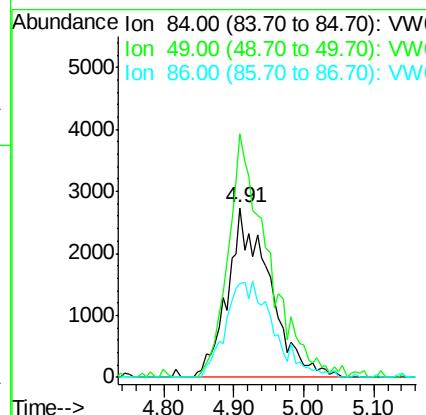
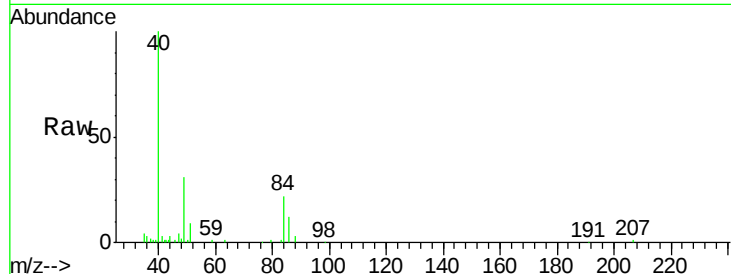
#16
Methylene chloride
Concen: 1.916 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009347.D
Acq: 22 Mar 2019 14:37

Instrument :
MSVOA_W
ClientSampled :
BF0E3

Tot Ion	Ratio	Lower	Upper
84	100		
49	143.4	96.0	178.2
86	55.3	44.4	82.5

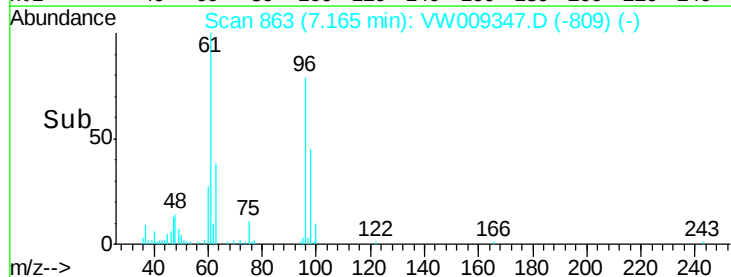
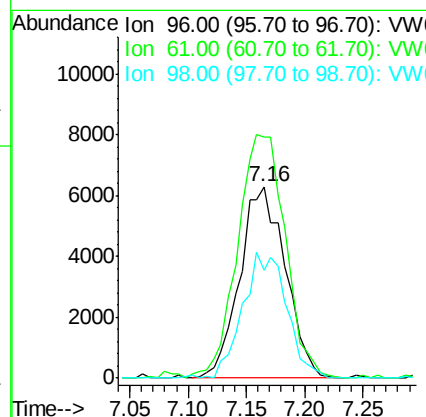
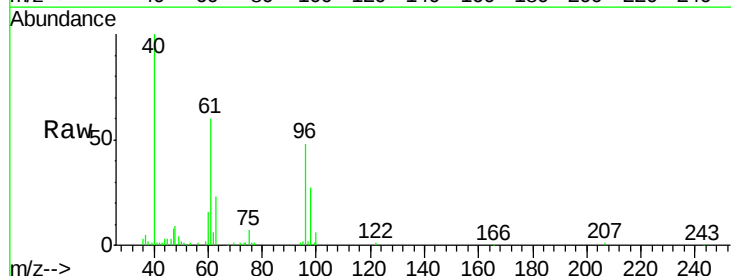
Manual Integrations
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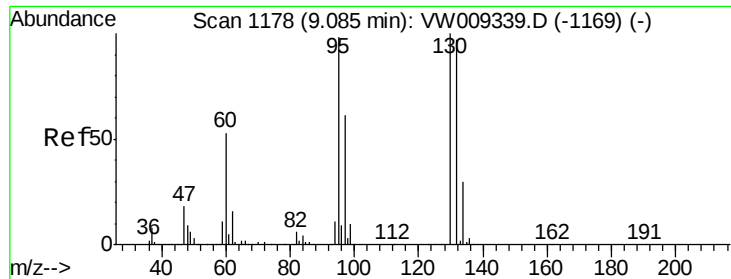
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#22
cis-1,2-Dichloroethene
Concen: 2.991 ug/L
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009347.D
Acq: 22 Mar 2019 14:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.9	90.6	168.3
98	56.2	44.0	81.8





#35
 Trichloroethene
 Concen: 2.051 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009347.D
 Acq: 22 Mar 2019 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	67.0		44.7	82.9	
132	105.0		69.0	128.2	
130	110.2		72.7	134.9	

Manual Integrations
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