

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009345.D
 Acq On : 22 Mar 2019 13:42
 Operator : SY/VA
 Sample : K2017-15
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E1

Manual Integrations
 APPROVED

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 3/25/2019 8:29:29 AM

Quant Time: Mar 23 04:54:27 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	357151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144231	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97620	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
7) Chloroethane-d5	2.89	69	94826	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	147468	15.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.96%
20) 2-Butanone-d5	7.07	46	91841	52.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.06%
24) Chloroform-d	7.65	84	218134	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.31	65	136945	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	8.27	84	398187	21.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.28%
33) 1,2-Dichloropropane-d6	9.27	67	127022	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.32	98	340956	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.96%
38) trans-1,3-Dichloropropene-	10.57	79	57190	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.20%
39) 2-Hexanone-d5	10.93	63	67149	49.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135261	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	129916	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	11908m	2.286	ug/L
22) cis-1,2-Dichloroethene	7.17	96	34518	6.891	ug/L
35) Trichloroethene	9.09	95	32781	6.636	ug/L

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

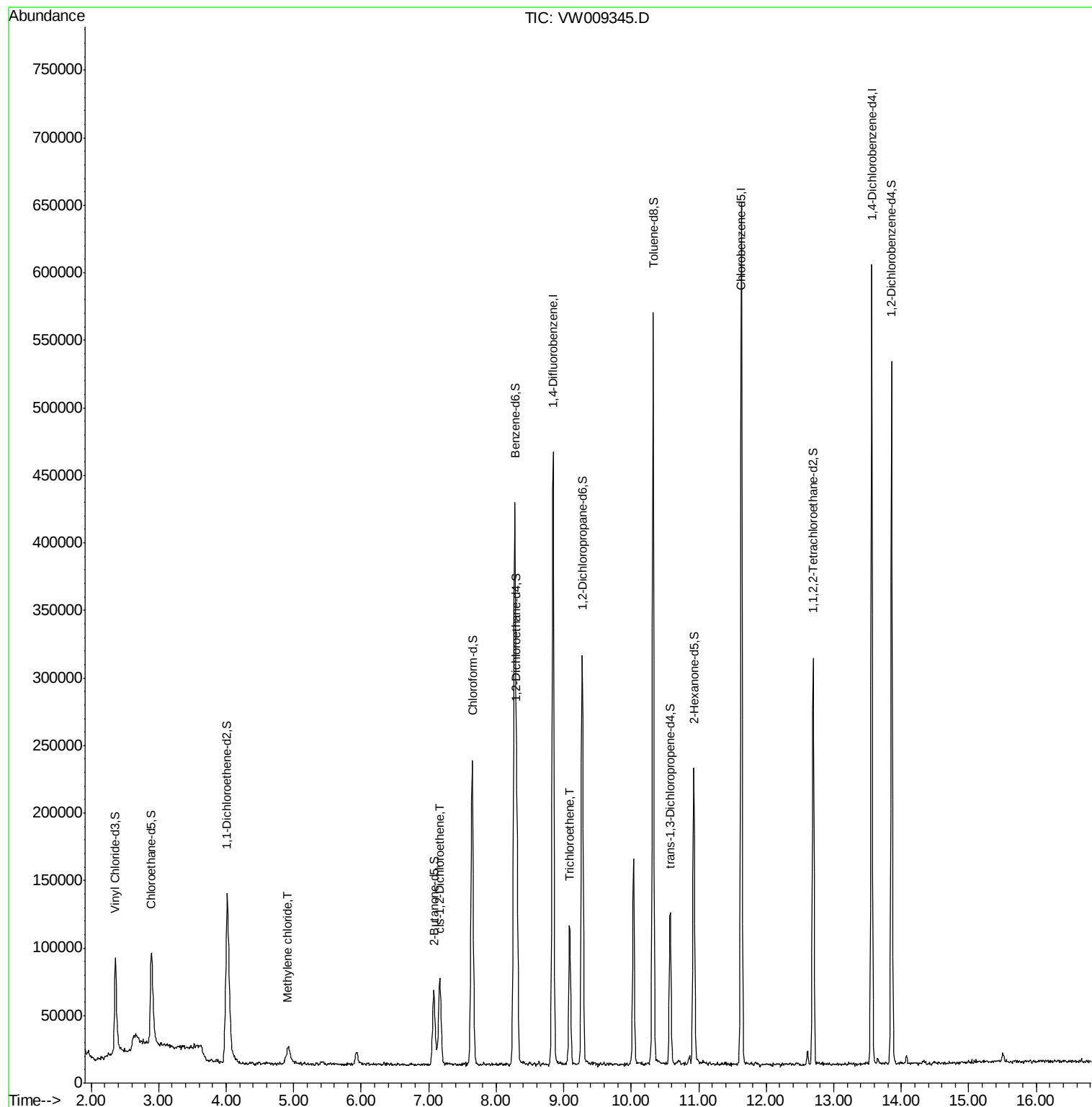
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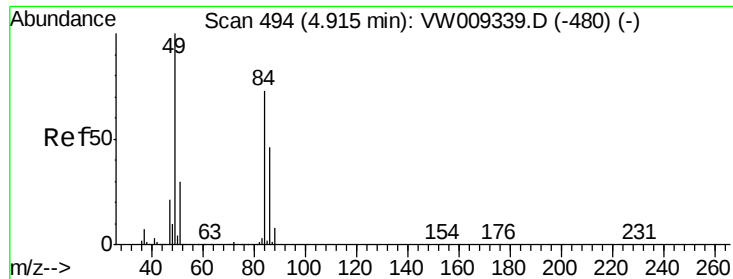
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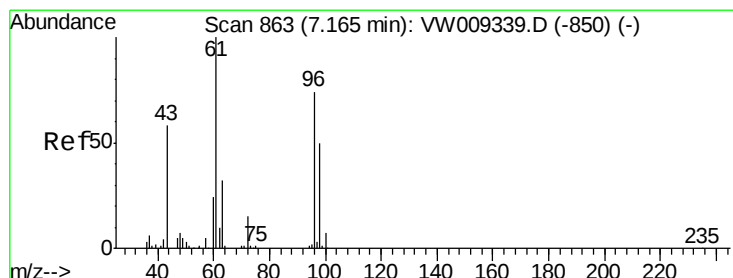
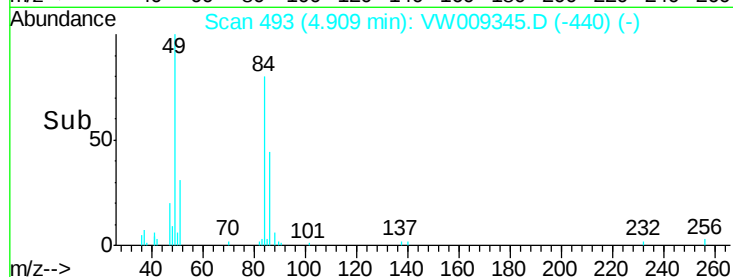
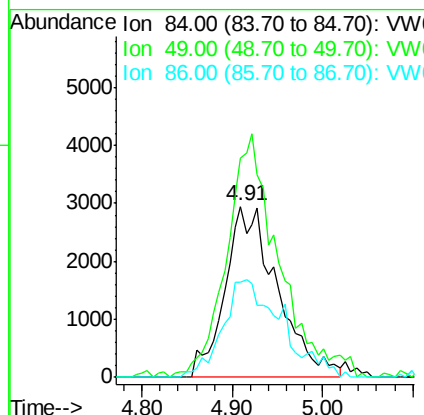
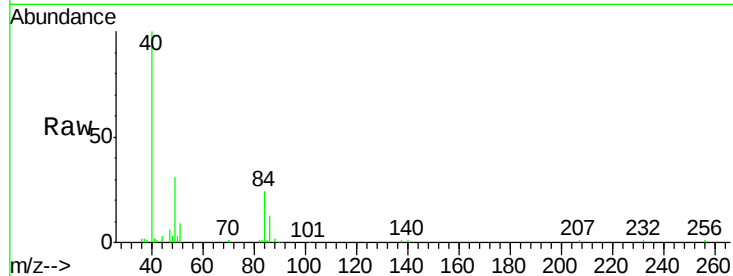
#16
Methvlene chloride
Concen: 2.286 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009345.D
Acq: 22 Mar 2019 13:42

Instrument :
MSVOA_W
ClientSampled :
BF0E1

Tot Ion	84	Resp	11908
Ion Ratio	Lower	Upper	
84	100		
49	128.5	96.0	178.2
86	55.3	44.4	82.5

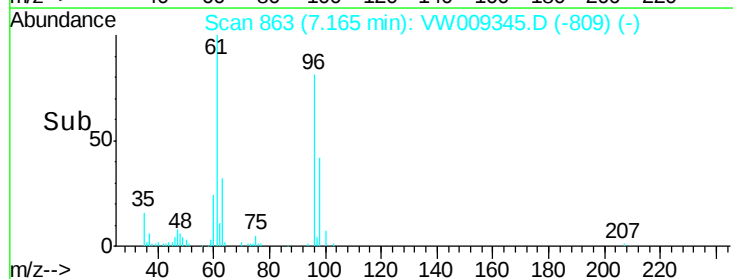
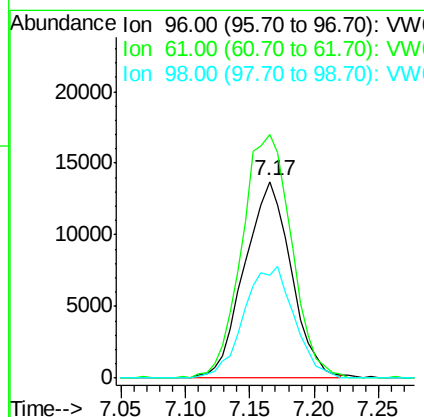
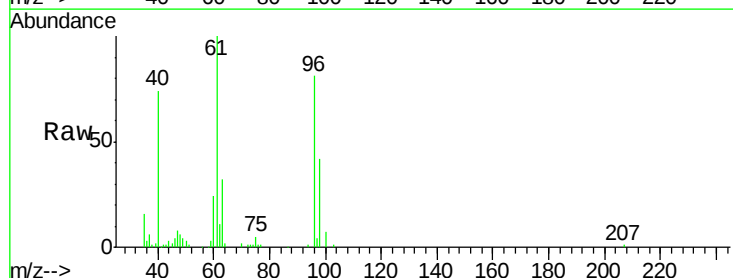
Manual Integrations
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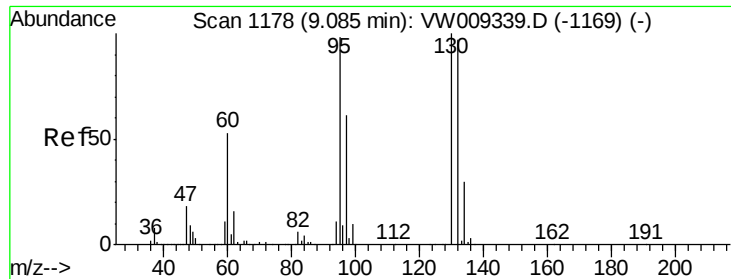
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#22
cis-1,2-Dichloroethene
Concen: 6.891 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009345.D
Acq: 22 Mar 2019 13:42

Tgt Ion	96	Resp	34518
Ion Ratio	Lower	Upper	
96	100		
61	123.7	90.6	168.3
98	52.4	44.0	81.8





#35
 Trichloroethene
 Concen: 6.636 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009345.D
 Acq: 22 Mar 2019 13:42

Instrument :
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Tot Ion:	95	Resp:	32781
Ion Ratio	Lower	Upper	
95	100		
97	62.8	44.7	82.9
132	99.7	69.0	128.2
130	100.3	72.7	134.9

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