

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009346.D
 Acq On : 22 Mar 2019 14:10
 Operator : SY/VA
 Sample : K2017-16
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E2

Manual Integrations
 APPROVED

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 3/25/2019 8:29:31 AM

Quant Time: Mar 23 00:47:00 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	340581	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150883	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95796	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
7) Chloroethane-d5	2.89	69	94767	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
10) 1,1-Dichloroethene-d2	4.01	63	149851	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	7.07	46	109518	65.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.14%
24) Chloroform-d	7.65	84	213621	22.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	8.31	65	136149m	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
29) Benzene-d6	8.27	84	393141	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	121607	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.64%
37) Toluene-d8	10.32	98	342272	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.04%
38) trans-1,3-Dichloropropene-	10.58	79	56174	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.56%
39) 2-Hexanone-d5	10.93	63	80427	60.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146893	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	139112	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	9897m	1.993	ug/L
22) cis-1,2-Dichloroethene	7.17	96	8312	1.740	ug/L
35) Trichloroethene	9.09	95	4173	0.864	ug/L

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

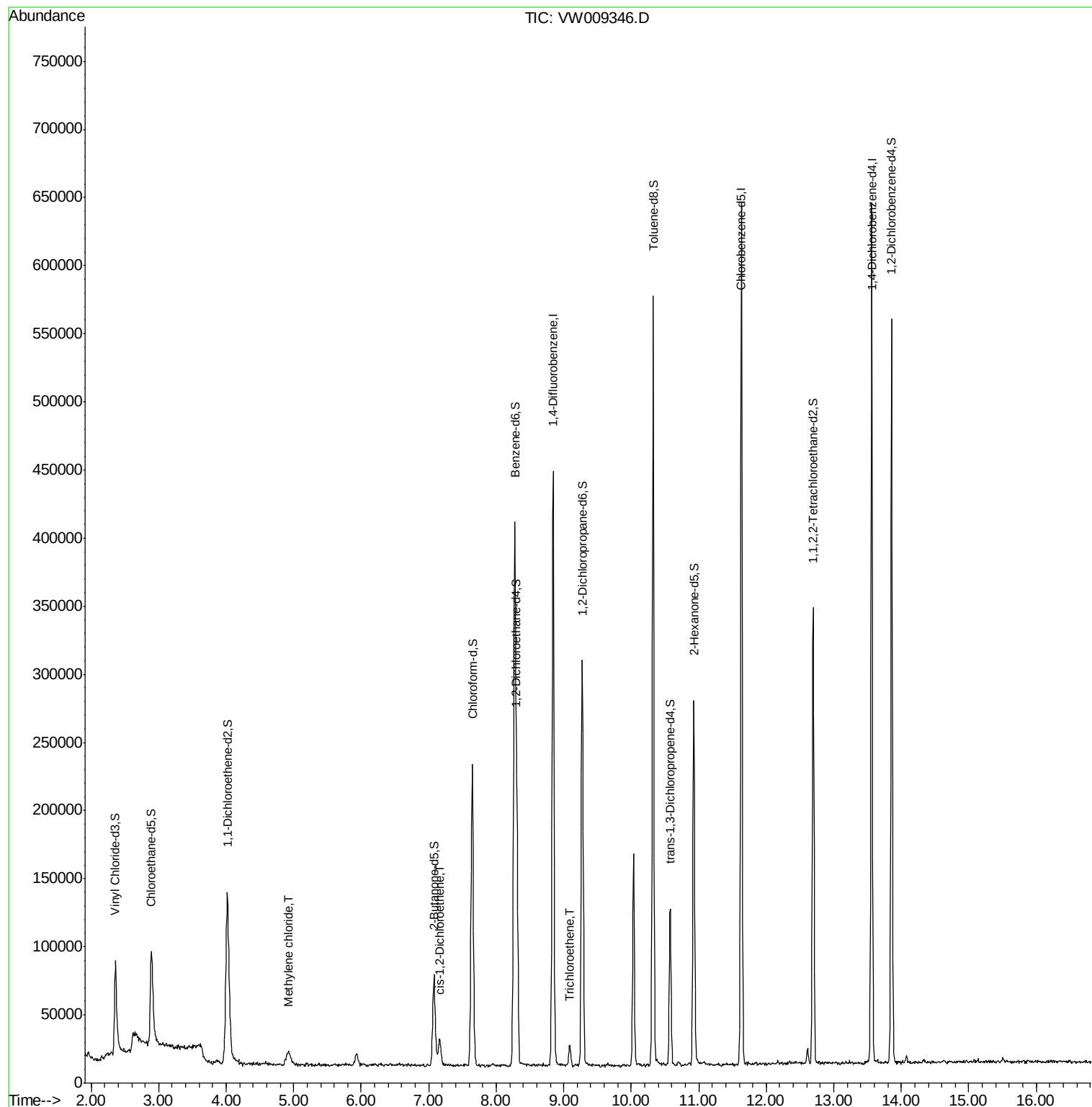
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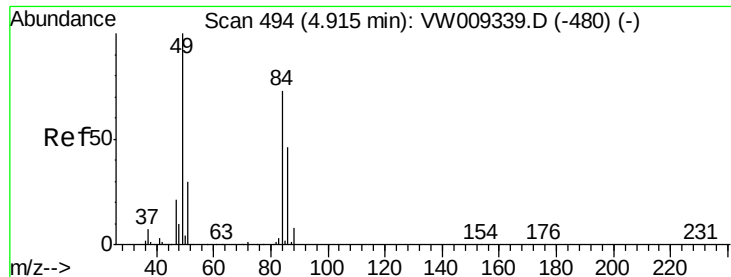
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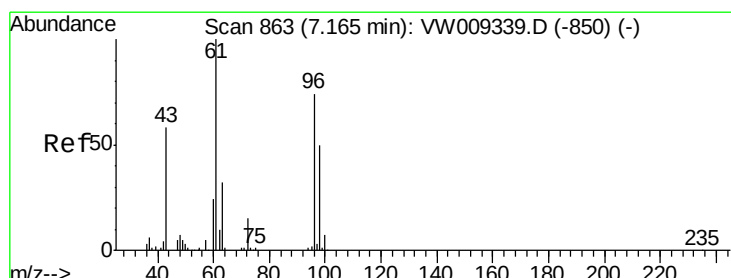
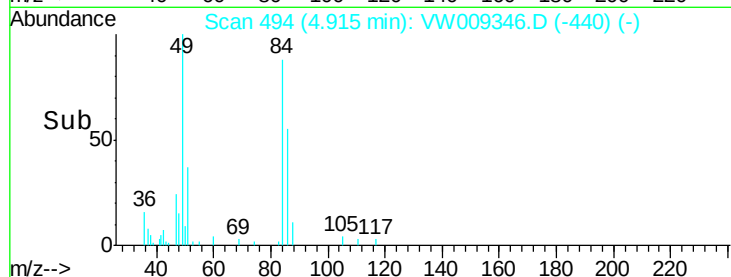
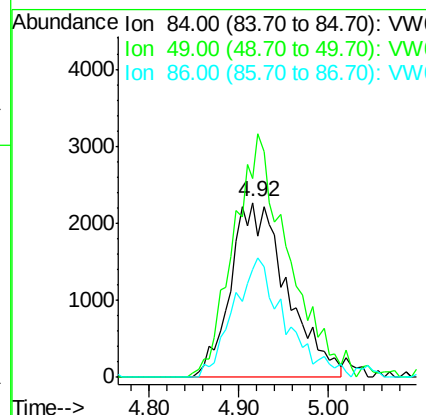
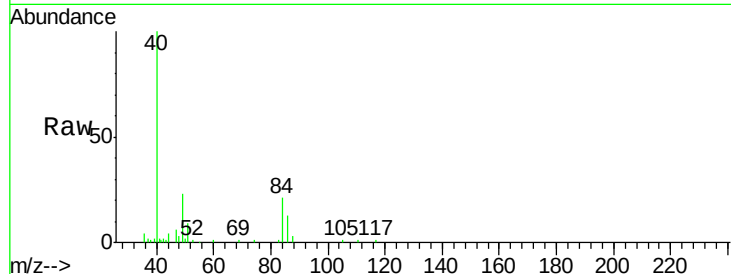
#16
Methylene chloride
Concen: 1.993 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009346.D
Acq: 22 Mar 2019 14:10

Instrument :
MSVOA_W
ClientSampled :
BF0E2

Tot Ion	Ratio	Lower	Upper
84	100		
49	113.6	96.0	178.2
86	62.0	44.4	82.5

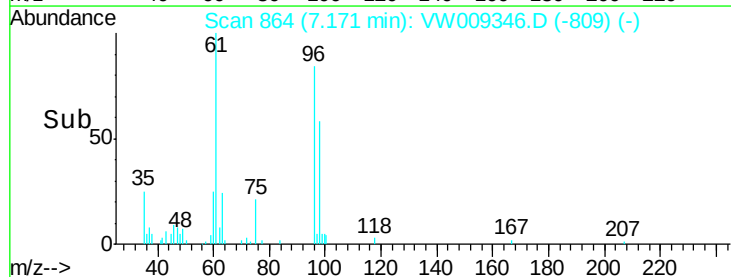
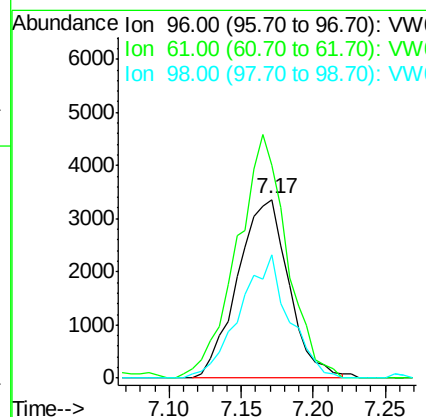
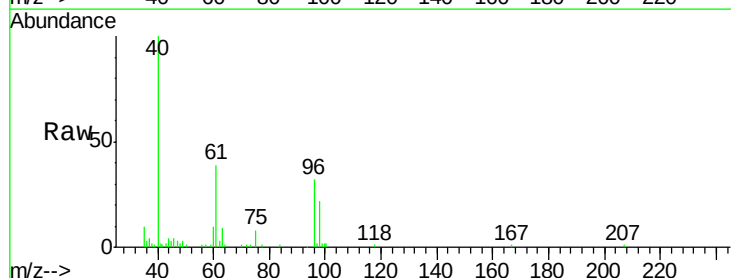
Manual Integrations
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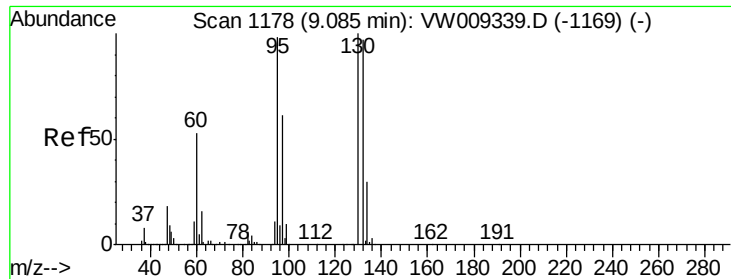
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#22
cis-1,2-Dichloroethene
Concen: 1.740 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009346.D
Acq: 22 Mar 2019 14:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.2	90.6	168.3
98	68.8	44.0	81.8





#35
 Trichloroethene
 Concen: 0.864 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009346.D
 Acq: 22 Mar 2019 14:10

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E2

Tot Ion:	95	Resp:	4173
Ion	Ratio	Lower	Upper
95	100		
97	46.6	44.7	82.9
132	108.8	69.0	128.2
130	112.0	72.7	134.9

Manual Integrations
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