

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009348.D
 Acq On : 22 Mar 2019 15:04
 Operator : SY/VA
 Sample : K2017-18
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E4

Manual Integrations
 APPROVED

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 3/25/2019 8:29:33 AM

Quant Time: Mar 23 00:52:39 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	413687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105534	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.89	69	108982	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.01	63	167597	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	7.08	46	109660	53.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.28%
24) Chloroform-d	7.64	84	258402	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.31	65	164972	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.27	84	467207	21.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.16%
33) 1,2-Dichloropropane-d6	9.27	67	151449	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.92%
37) Toluene-d8	10.32	98	416301	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
38) trans-1,3-Dichloropropene-	10.58	79	68714	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	10.93	63	80074	50.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162379	25.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	172260	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	14102m	2.338	ug/L
22) cis-1,2-Dichloroethene	7.17	96	5801	1.000	ug/L
35) Trichloroethene	9.09	95	6096	1.050	ug/L

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

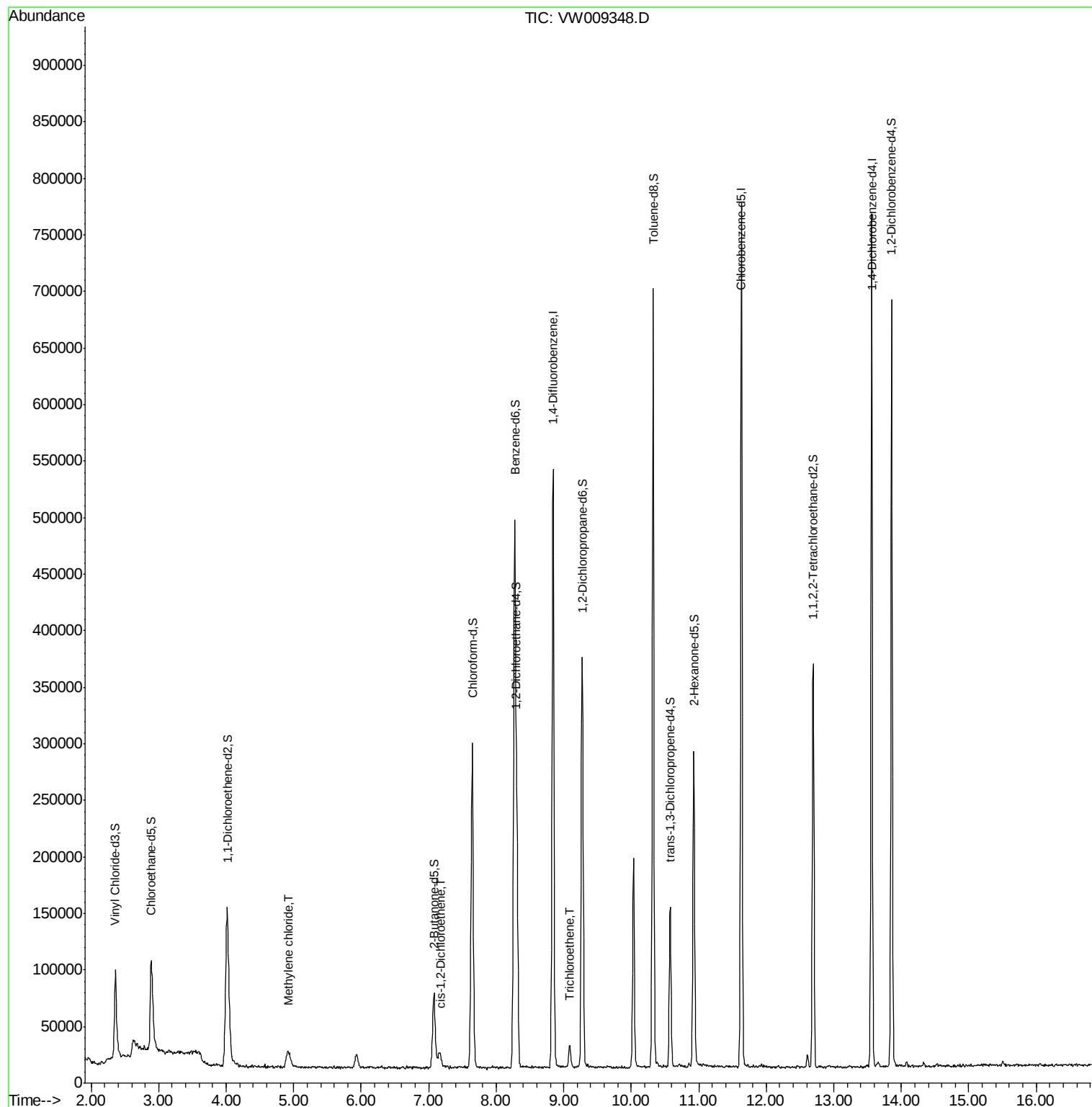
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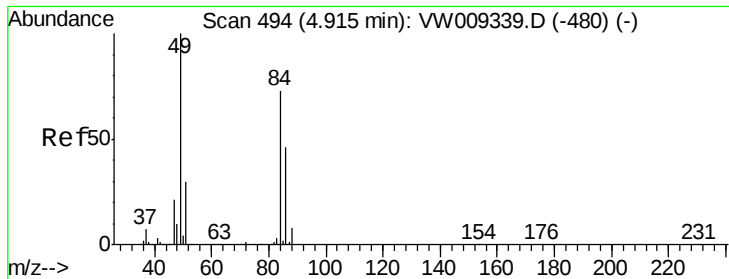
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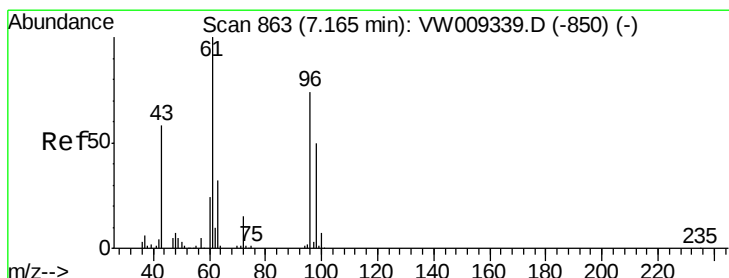
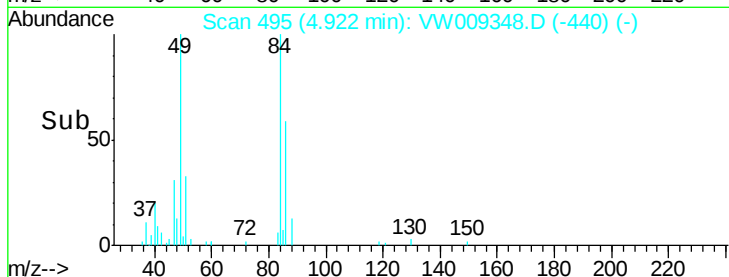
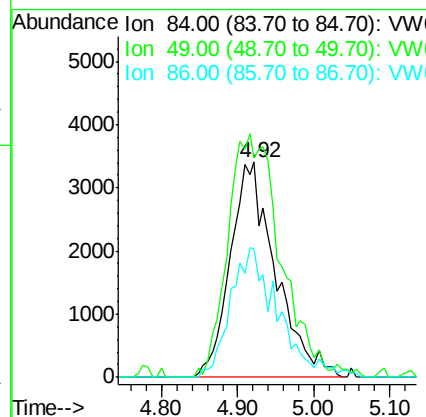
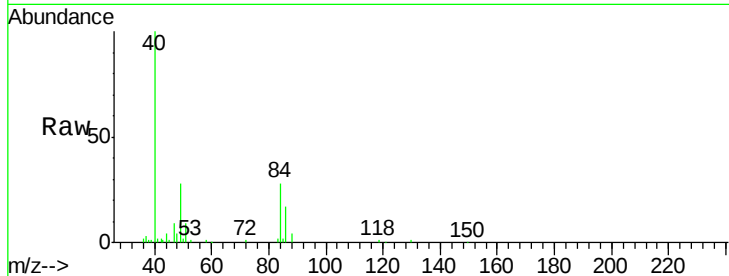
#16
Methvlene chloride
Concen: 2.338 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009348.D
Acq: 22 Mar 2019 15:04

Instrument :
MSVOA_W
ClientSampled :
BF0E4

Tot Ion	Ratio	Lower	Upper
84	100		
49	102.1	96.0	178.2
86	59.6	44.4	82.5

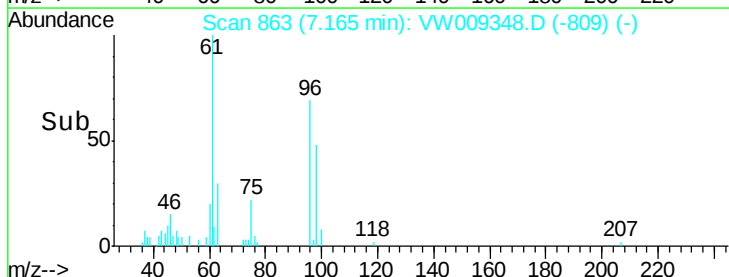
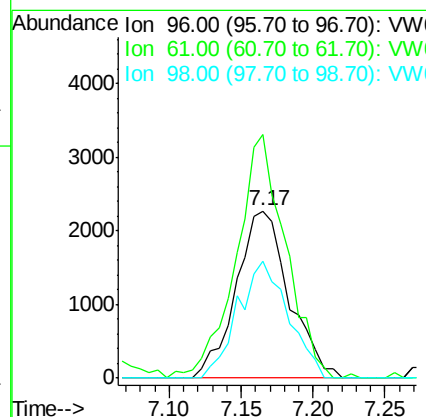
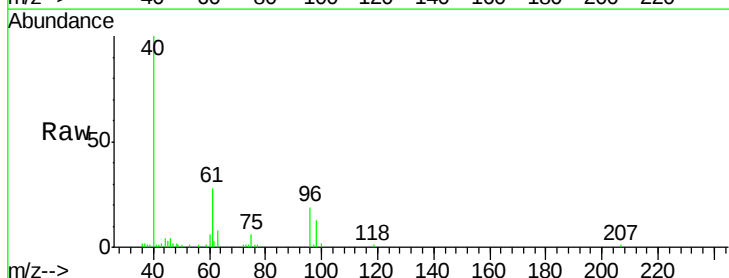
Manual Integrations
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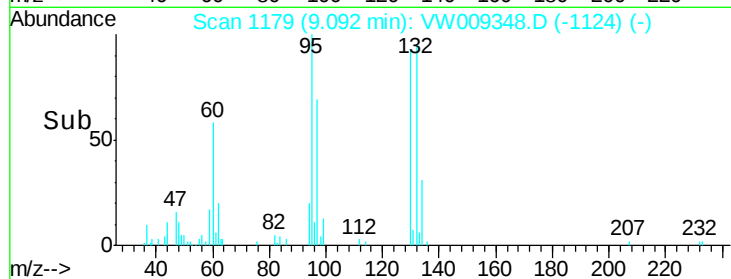
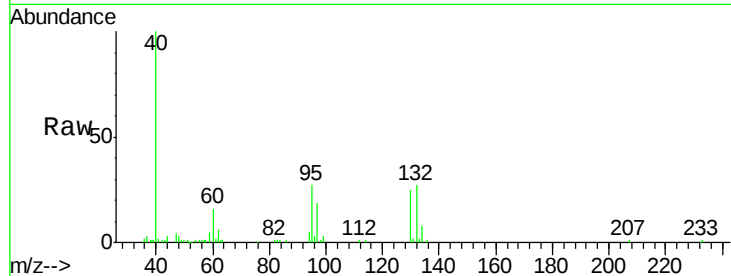
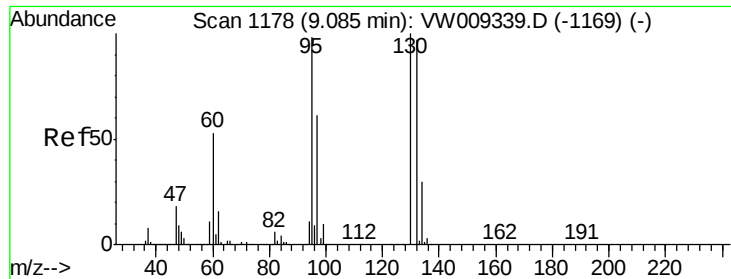
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#22
cis-1,2-Dichloroethene
Concen: 1.000 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009348.D
Acq: 22 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.9	90.6	168.3
98	69.7	44.0	81.8





#35

Trichloroethene

Concen: 1.050 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009348.D

Acq: 22 Mar 2019 15:04

Tot Ion:	95	Resp:	6096
Ion Ratio	Lower	Upper	
95	100		
97	65.8	44.7	82.9
132	94.3	69.0	128.2
130	103.6	72.7	134.9

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