

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009343.D
 Acq On : 22 Mar 2019 12:40
 Operator : SY/VA
 Sample : K2048-04
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 BF0F5

Manual Integrations
 APPROVED

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 3/25/2019 8:29:28 AM

Quant Time: Mar 23 00:33:41 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	371057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103552	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
7) Chloroethane-d5	2.89	69	102542	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
10) 1,1-Dichloroethene-d2	4.01	63	161272	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	7.07	46	79084	43.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.26%
24) Chloroform-d	7.65	84	229516	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	137551	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.20%
29) Benzene-d6	8.27	84	424941	21.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.92%
33) 1,2-Dichloropropane-d6	9.27	67	131719	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.32	98	373669	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.72%
38) trans-1,3-Dichloropropene-	10.57	79	60312	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	59962	41.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129479	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	148497	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	16955m	3.133	ug/L
22) cis-1,2-Dichloroethene	7.17	96	2867	0.551	ug/L
35) Trichloroethene	9.09	95	217175	41.509	ug/L

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

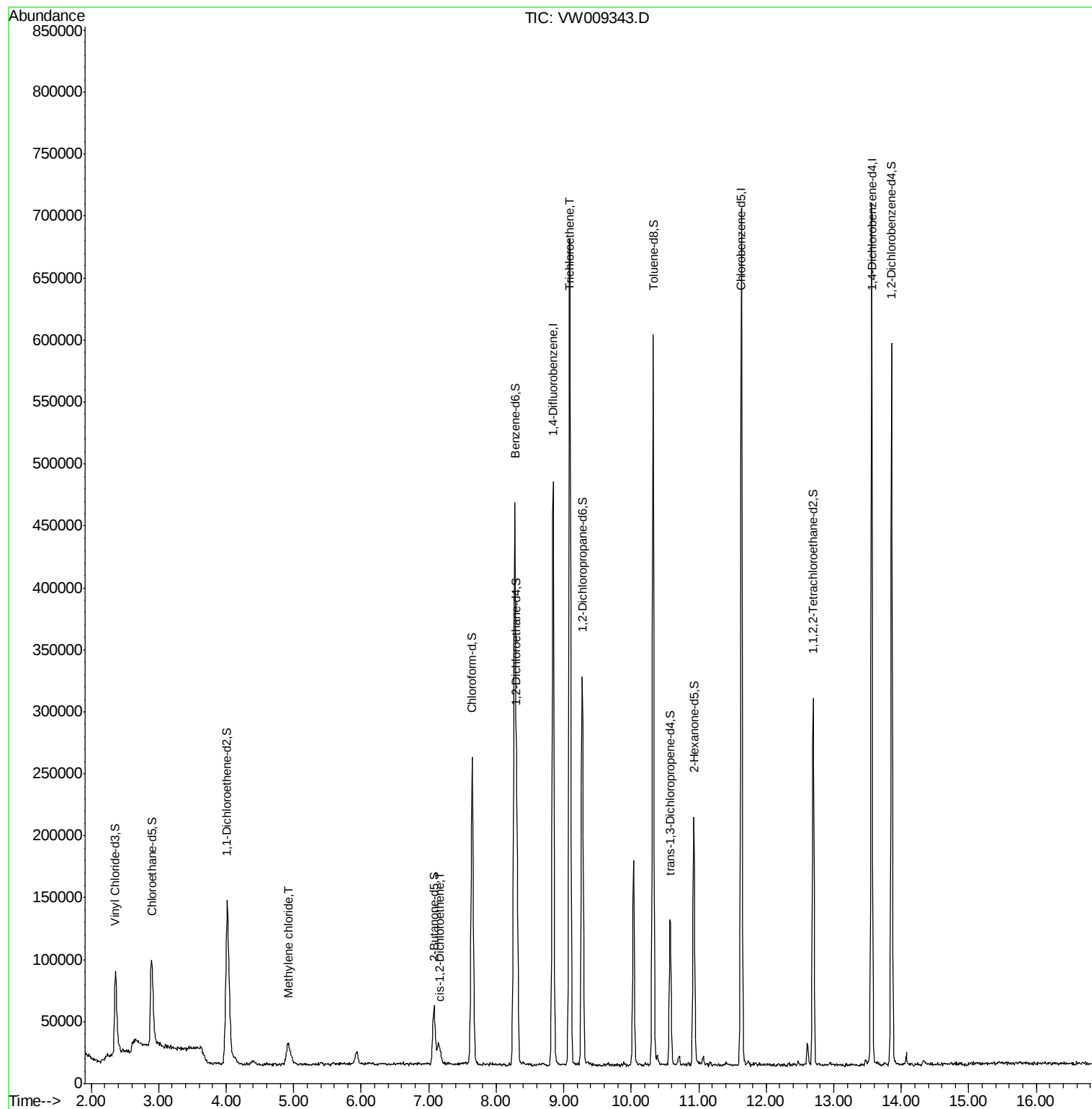
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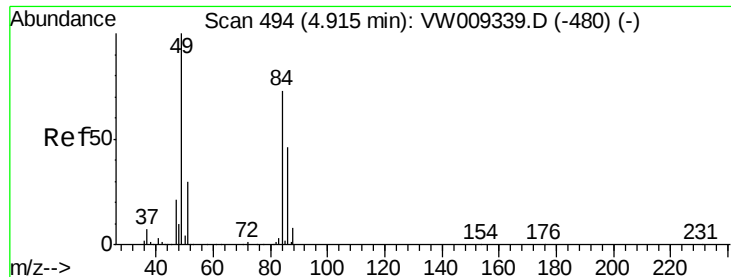
Instrument :
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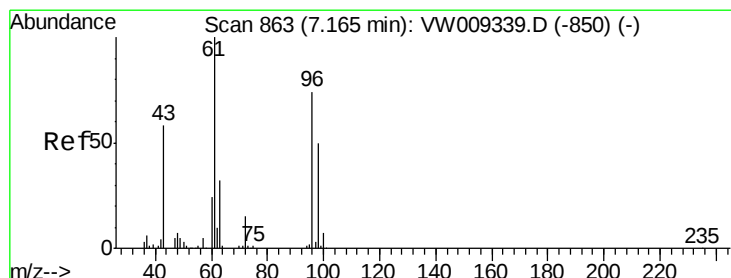
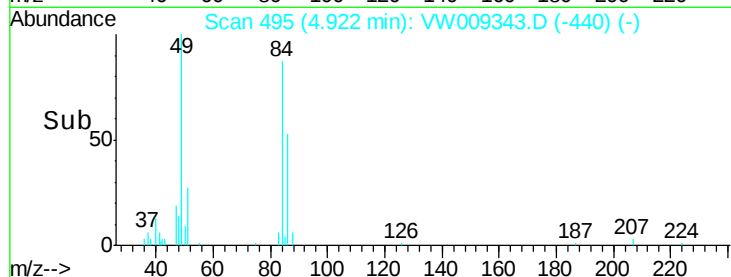
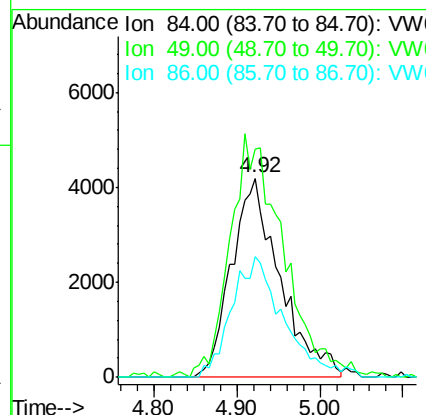
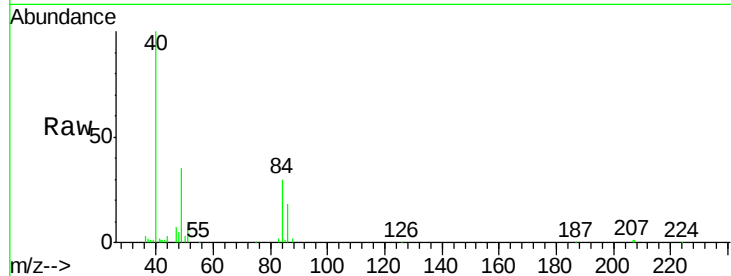
#16
Methylene chloride
Concen: 3.133 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009343.D
Acq: 22 Mar 2019 12:40

Instrument :
MSVOA_W
ClientSampled :
BF0F5

Tot Ion	Ratio	Lower	Upper
84	100		
49	114.6	96.0	178.2
86	60.9	44.4	82.5

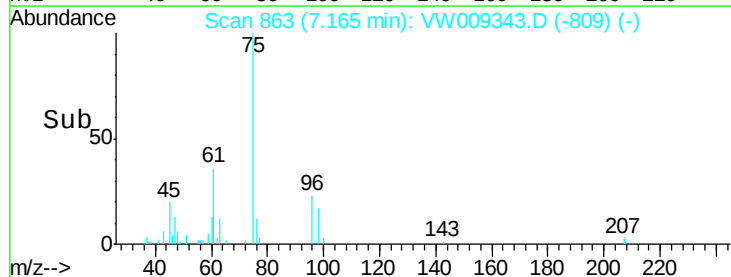
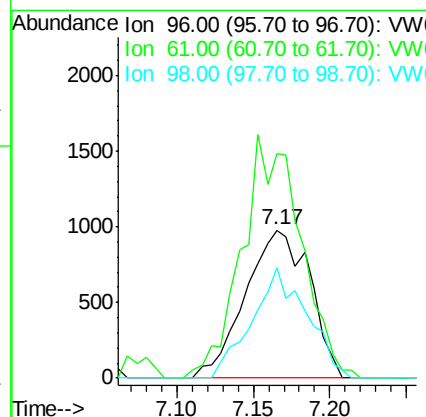
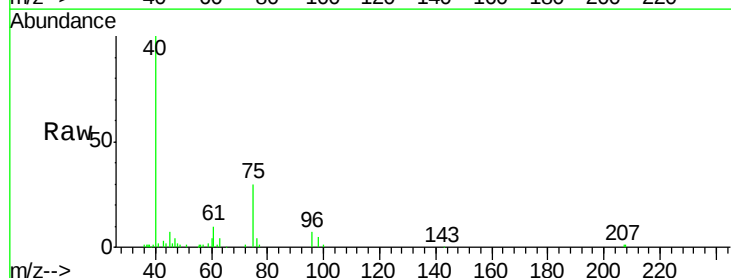
Manual Integrations
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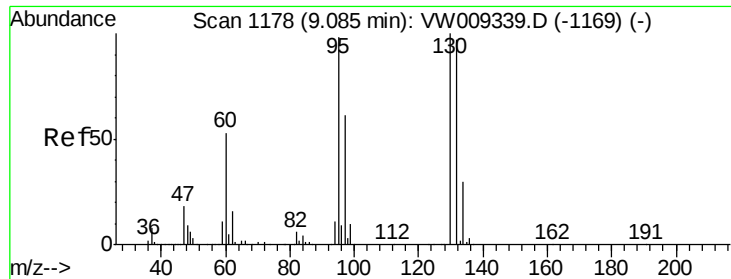
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#22
cis-1,2-Dichloroethene
Concen: 0.551 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009343.D
Acq: 22 Mar 2019 12:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	90.6	168.3
98	74.3	44.0	81.8





#35
 Trichloroethene
 Concen: 41.509 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009343.D
 Acq: 22 Mar 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F5

Tot Ion	Ratio	Resp Lower	Upper
95	100		
97	66.3	44.7	82.9
132	98.1	69.0	128.2
130	102.1	72.7	134.9

Manual Integrations
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