

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009355.D
 Acq On : 22 Mar 2019 18:16
 Operator : SY/VA
 Sample : K2017-22
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F1

Manual Integrations
 APPROVED

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 3/25/2019 8:29:37 AM

Quant Time: Mar 23 01:15:25 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	314346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89341	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
7) Chloroethane-d5	2.89	69	87965	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
10) 1,1-Dichloroethene-d2	4.01	63	137957	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.96%
20) 2-Butanone-d5	7.07	46	100815	64.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.80%
24) Chloroform-d	7.65	84	207102	24.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.31	65	135303	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.27	84	376862	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	121663	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.52%
37) Toluene-d8	10.32	98	320962	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.56%
38) trans-1,3-Dichloropropene-	10.58	79	52782	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.24%
39) 2-Hexanone-d5	10.93	63	74177	61.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138059	28.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	113831	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	13108m	2.859	ug/L
22) cis-1,2-Dichloroethene	7.16	96	45932	10.418	ug/L
35) Trichloroethene	9.09	95	57273	13.034	ug/L

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

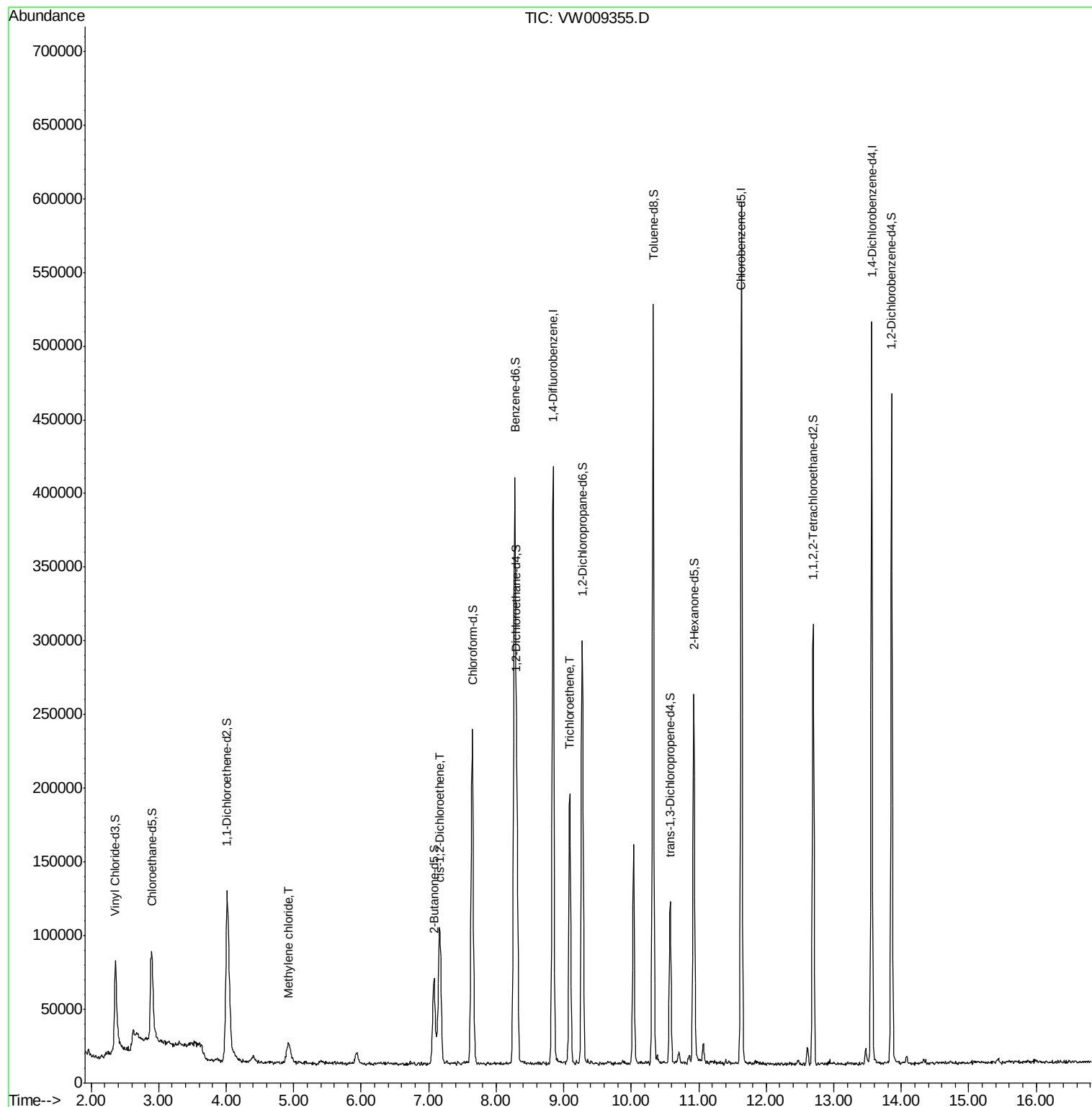
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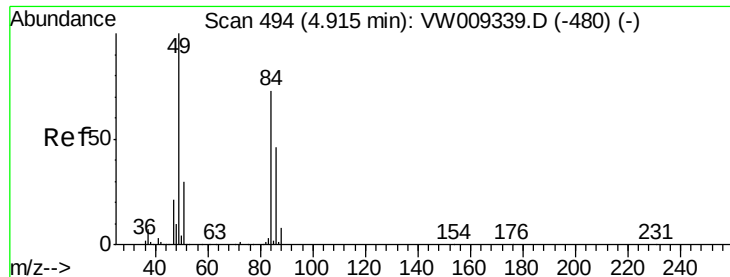
Instrument :
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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





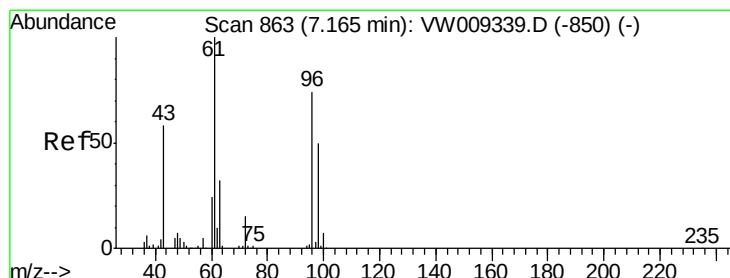
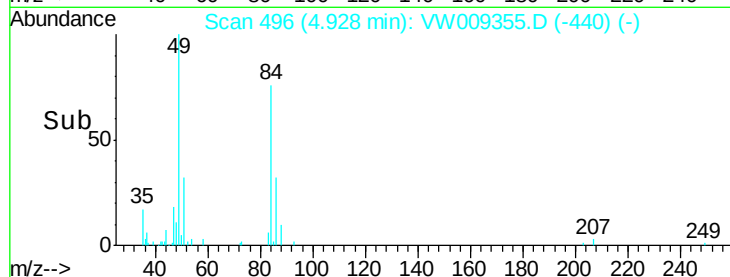
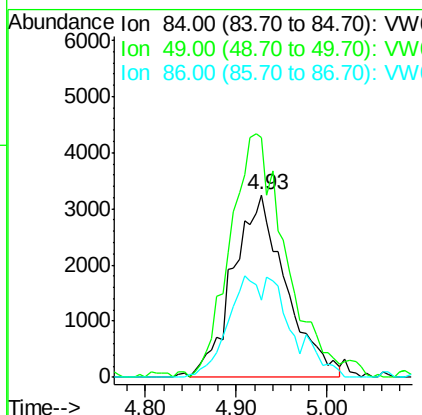
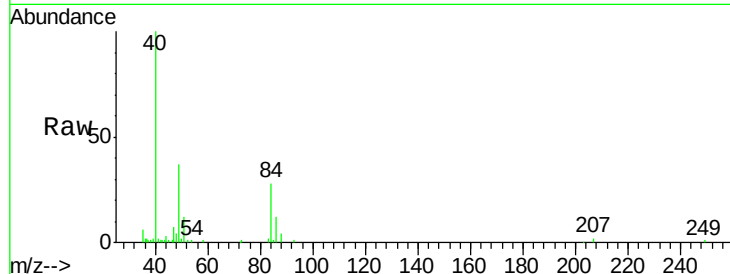
#16
Methylene chloride
Concen: 2.859 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW009355.D
Acq: 22 Mar 2019 18:16

Instrument :
MSVOA_W
ClientSampled :
BF0F1

Tot Ion	Ratio	Lower	Upper
84	100		
49	131.8	96.0	178.2
86	42.4	44.4	82.5#

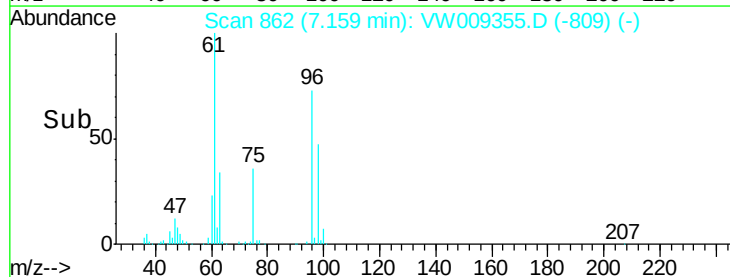
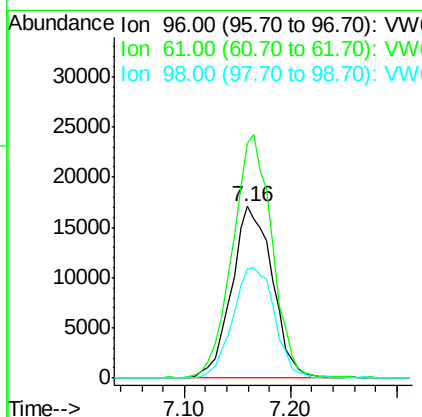
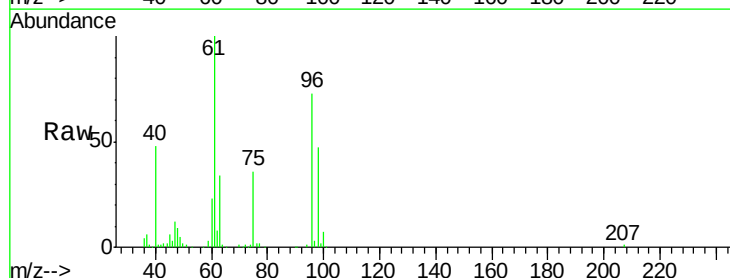
Manual Integrations
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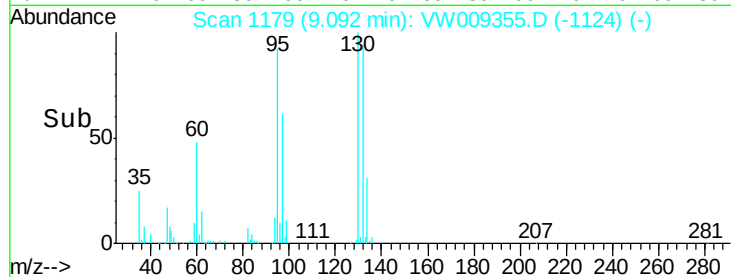
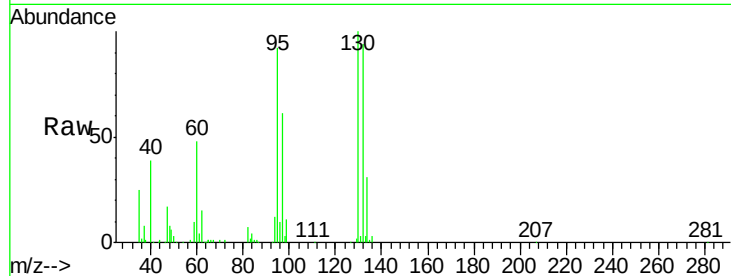
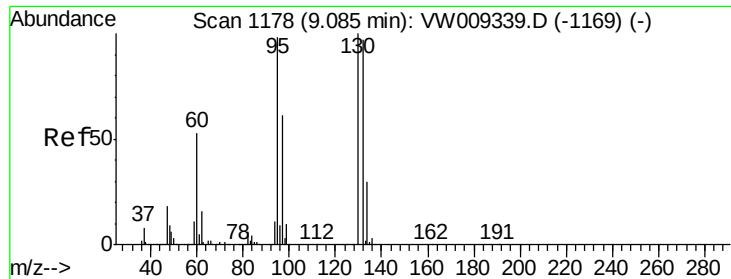
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#22
cis-1,2-Dichloroethene
Concen: 10.418 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009355.D
Acq: 22 Mar 2019 18:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.8	90.6	168.3
98	63.8	44.0	81.8





#35

Trichloroethene

Concen: 13.034 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009355.D

Acq: 22 Mar 2019 18:16

Tot Ion:	95	Resp:	57273
Ion Ratio	Lower	Upper	
95	100		
97	65.3	44.7	82.9
132	97.4	69.0	128.2
130	104.5	72.7	134.9

Instrument :
MSVOA_W
ClientSampleId :
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