

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042219\
 Data File : VW010086.D
 Acq On : 22 Apr 2019 17:31
 Operator : SY/VA
 Sample : K2455-16RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR6RE

Manual Integrations
 APPROVED

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 4/24/2019 12:34:03 AM

Quant Time: Apr 23 07:33:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	641649	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	150724	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
7) Chloroethane-d5	2.89	69	127979	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.01	63	300484	17.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.48%
20) 2-Butanone-d5	7.08	46	130495	39.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.56%
24) Chloroform-d	7.65	84	408948	22.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	8.31	65	236053	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.04%
29) Benzene-d6	8.27	84	774601	32.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.08%
33) 1,2-Dichloropropane-d6	9.27	67	238482	31.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.72%#
37) Toluene-d8	10.32	98	560839	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.04%
38) trans-1,3-Dichloropropene-	10.58	79	96987	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.68%
39) 2-Hexanone-d5	10.93	63	96020	57.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148074	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	99914m	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds					Ovalue
13) Acetone	4.11	43	28030	9.610 ug/L	99
16) Methylene chloride	4.91	84	64186	5.525 ug/L	90
56) Styrene	12.18	104	25710	1.393 ug/L	96

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

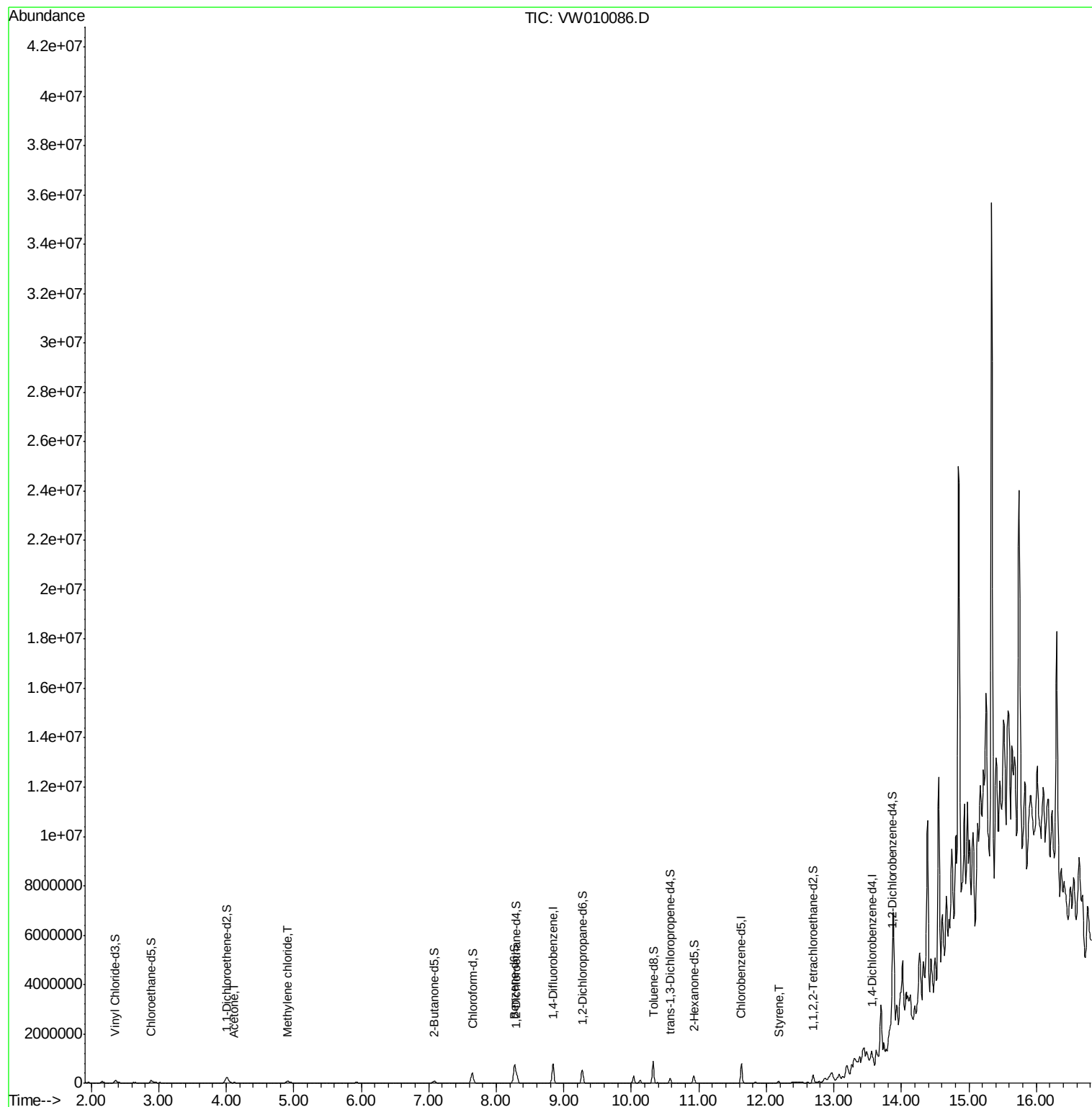
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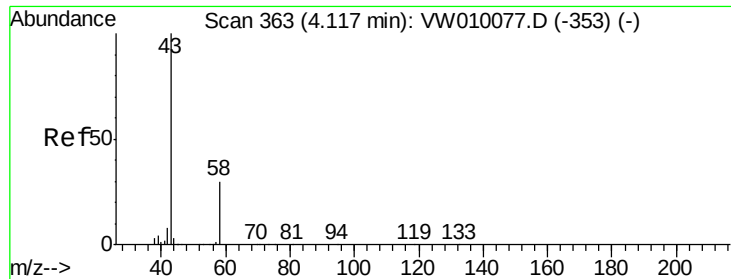
Instrument :
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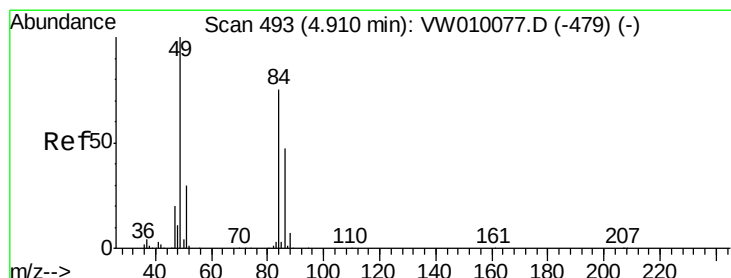
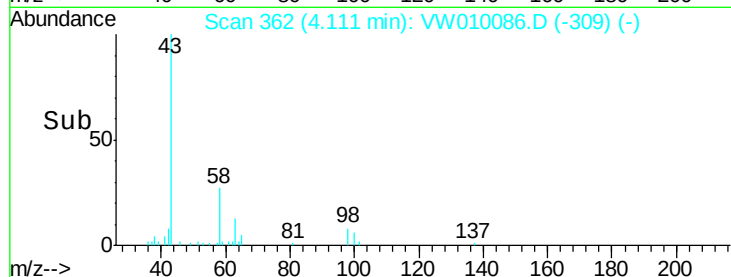
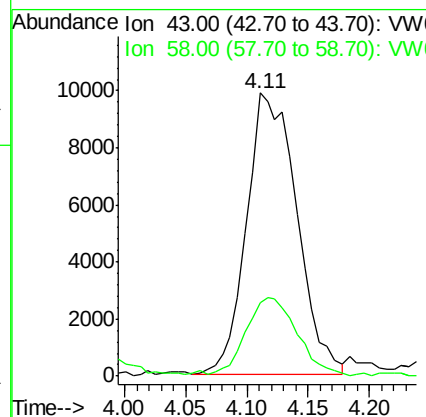
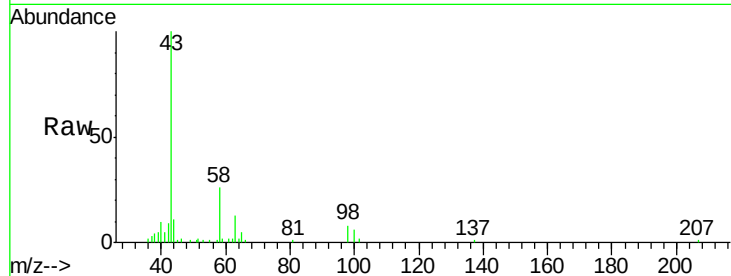
#13
Acetone
Concen: 9.610 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW010086.D
Acq: 22 Apr 2019 17:31

Instrument :
MSVOA_W
ClientSampled :
GAHR6RE

Tot Ion	43	Resp	28030
Ion Ratio	43	100	Lower Upper
	58	28.7	0.0 56.2

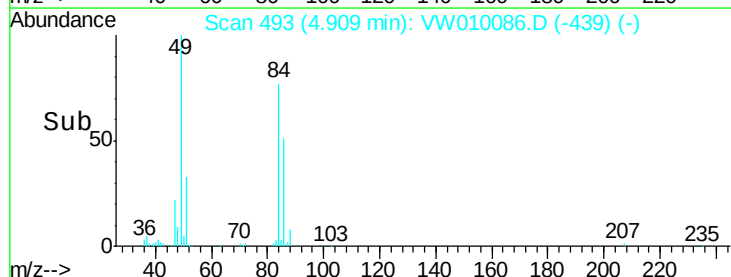
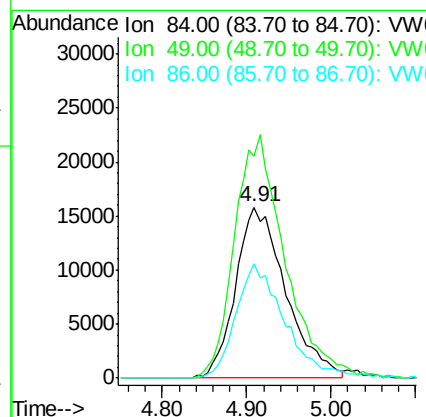
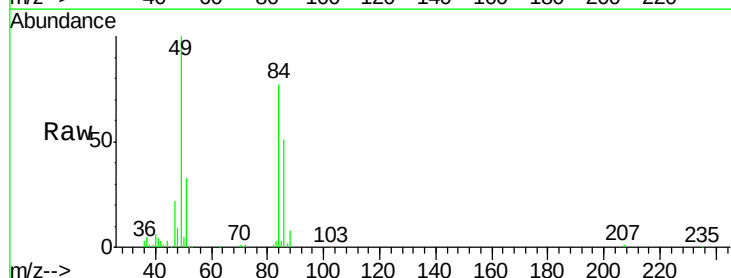
Manual Integrations
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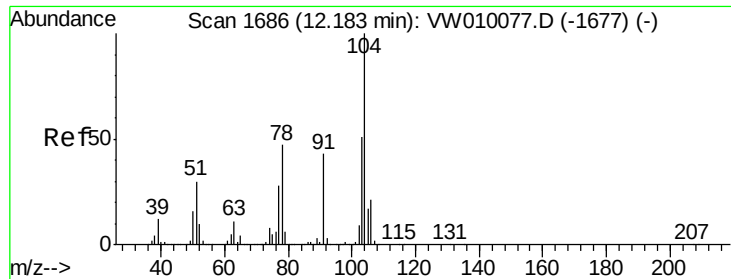
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#16
Methylene chloride
Concen: 5.525 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010086.D
Acq: 22 Apr 2019 17:31

Tgt Ion	84	Resp	64186
Ion Ratio	84	100	Lower Upper
	49	129.7	100.7 187.1
	86	66.7	43.8 81.3





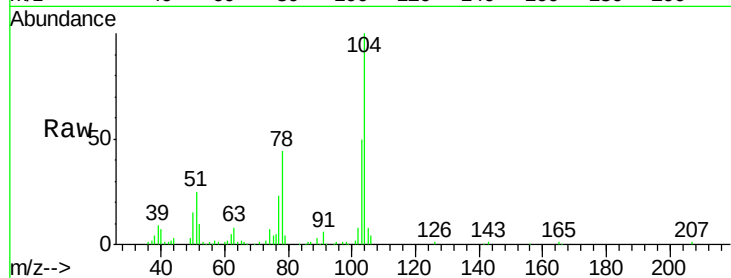
#56
 Stvrene
 Concen: 1.393 ug/L
 RT: 12.18 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VW010086.D
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Tot Ion	Ratio	Lower	Upper
104	100		
78	43.7	32.7	60.7

Manual Integrations
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Abundance Ion 104.00 (103.70 to 104.70): V
 Ion 78.00 (77.70 to 78.70): VW

