

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
 Data File : VW010003.D
 Acq On : 16 Apr 2019 18:20
 Operator : SY/VA
 Sample : K2402-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHH3

Manual Integrations
 APPROVED

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 4/18/2019 12:41:34 AM

Quant Time: Apr 17 01:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152353	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81816	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
7) Chloroethane-d5	2.89	69	75944	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	4.01	63	169511	18.38	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.07	46	121897	67.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.54%#
24) Chloroform-d	7.65	84	236420	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	163711	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.27	84	437393	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	9.27	67	144116	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.88%
37) Toluene-d8	10.32	98	377469	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.04%
38) trans-1,3-Dichloropropene-	10.57	79	65638	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.28%
39) 2-Hexanone-d5	10.93	63	81337	58.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155902	26.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	140409	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds					Ovalue
13) Acetone	4.12	43	7214	4.510 ug/L	98
16) Methylene chloride	4.90	84	26641m	4.182 ug/L	
44) Toluene	10.38	91	21098	0.942 ug/L	97

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

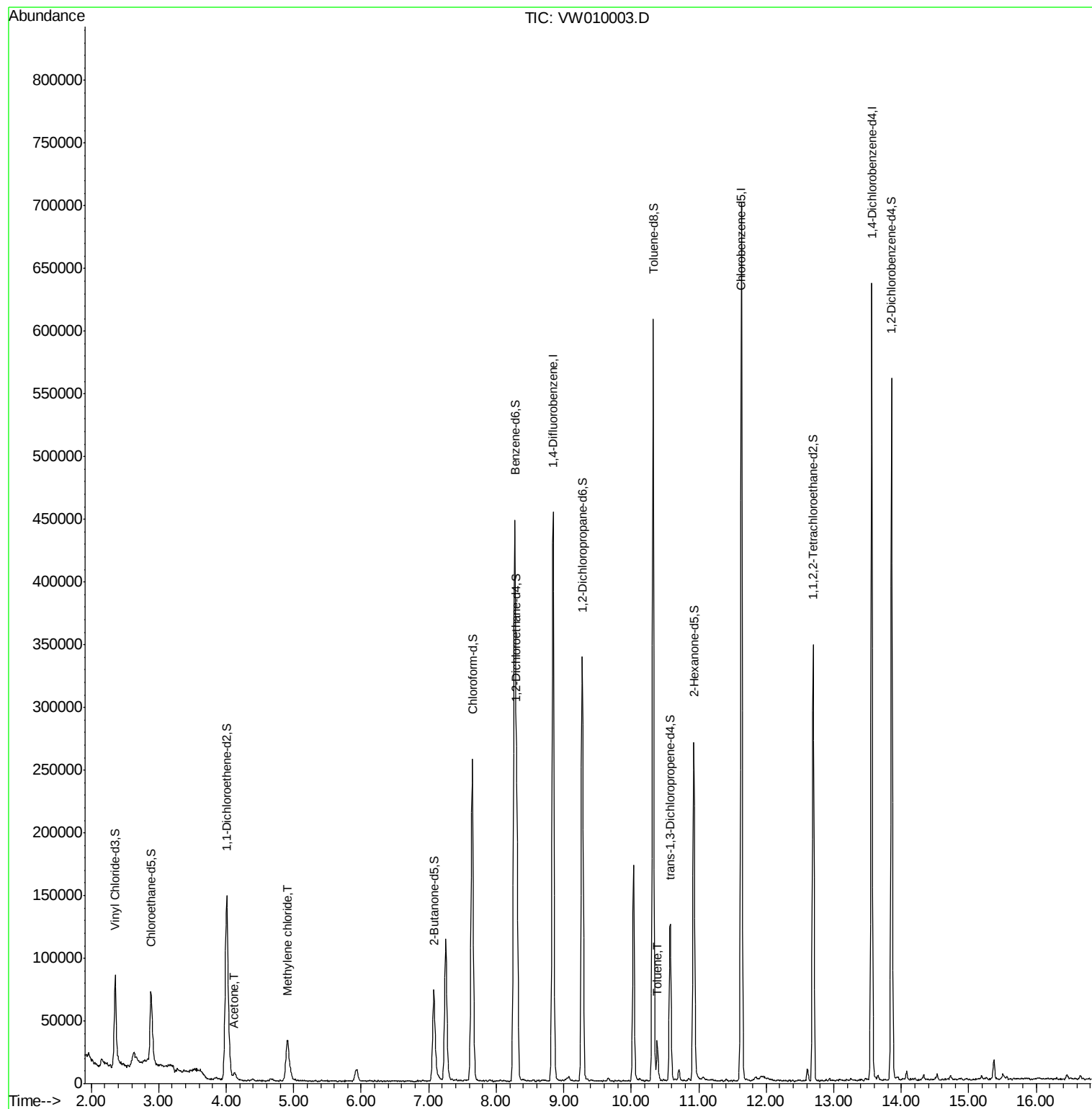
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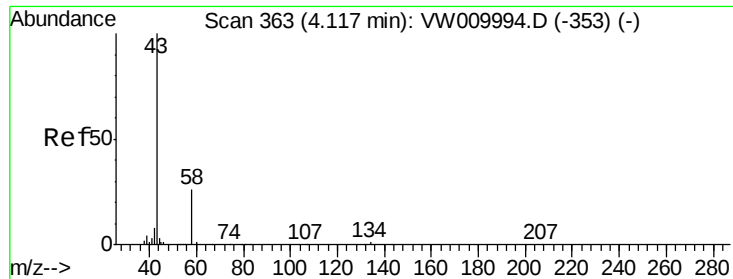
Instrument :
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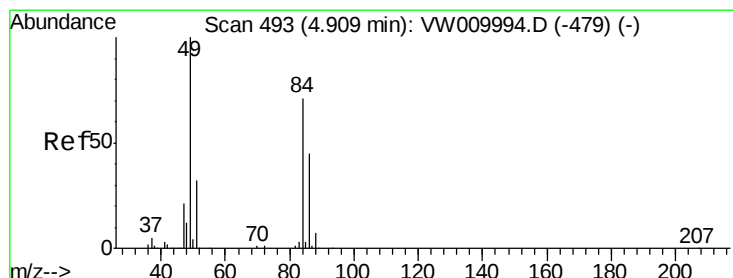
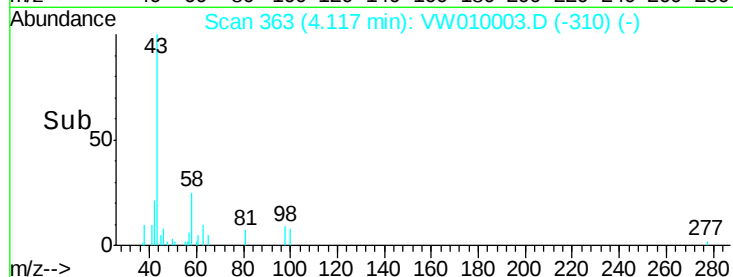
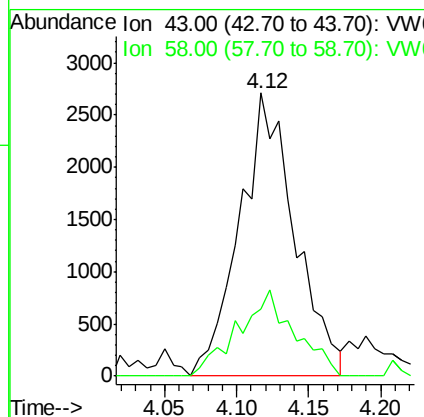
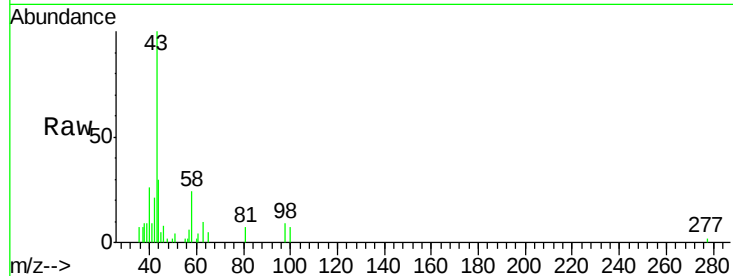
#13
Acetone
Concen: 4.510 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW010003.D
Acq: 16 Apr 2019 18:20

Instrument :
MSVOA_W
ClientSampleId :
GAHH3

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	56.2

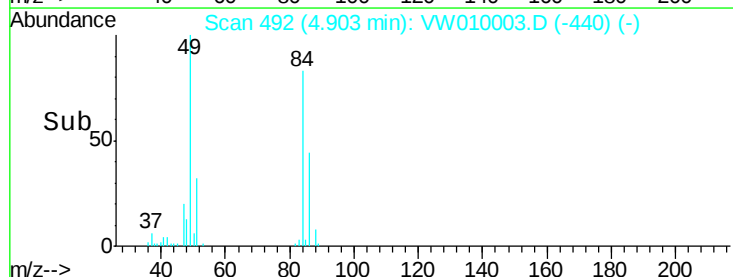
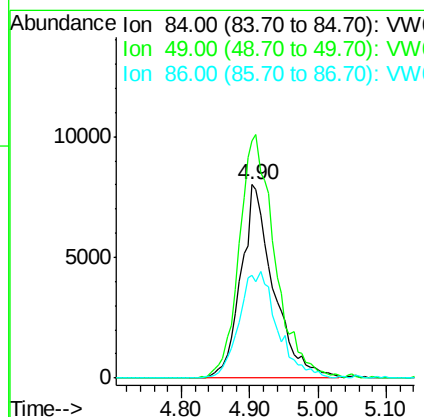
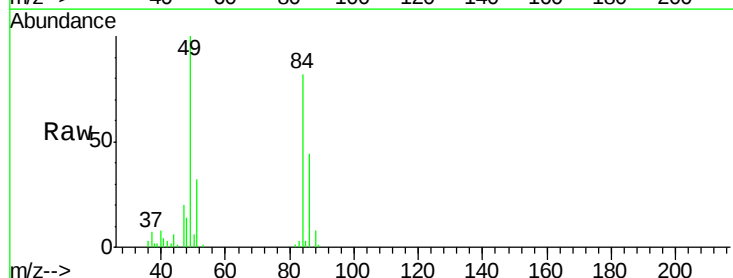
Manual Integrations
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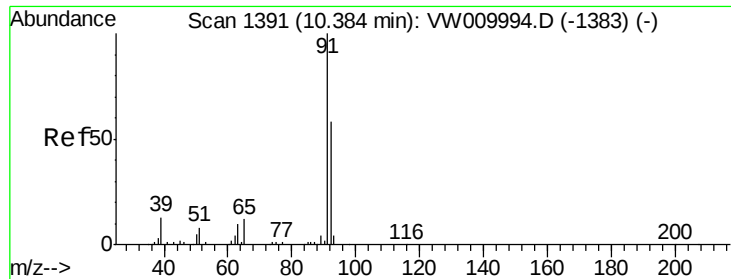
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#16
Methylene chloride
Concen: 4.182 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010003.D
Acq: 16 Apr 2019 18:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	100.7	187.1
86	53.3	43.8	81.3





#44

Toluene

Concen: 0.942 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010003.D

Acq: 16 Apr 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

GAHH3

Tot Ion: 91 Resp: 21098

Ion Ratio Lower Upper

91 100

92 58.8 39.8 74.0

Manual Integrations

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