

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009810.D
 Acq On : 08 Apr 2019 19:53
 Operator : SY/VA
 Sample : K2259-04RE
 Misc : 4.03G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ43RE

Manual Integrations
 APPROVED

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 4/11/2019 2:02:18 PM

Quant Time: Apr 09 03:21:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:37:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292178	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93413	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116530	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
7) Chloroethane-d5	2.89	69	108587	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.72%
10) 1,1-Dichloroethene-d2	4.01	63	203619	20.92	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	7.08	46	137798	93.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	187.52%#
24) Chloroform-d	7.64	84	291466	30.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.52%
26) 1,2-Dichloroethane-d4	8.30	65	194902	33.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.52%#
29) Benzene-d6	8.27	84	517333	33.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.92%
33) 1,2-Dichloropropane-d6	9.27	67	169235	35.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.88%#
37) Toluene-d8	10.32	98	420980	29.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.76%
38) trans-1,3-Dichloropropene-	10.58	79	66651	29.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.00%
39) 2-Hexanone-d5	10.93	63	82136	91.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157913	35.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	104909	32.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.04%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	79328	50.377	ug/L	100
16) Methylene chloride	4.92	84	19043m	3.122	ug/L	
21) 2-Butanone	7.17	43	31085	15.522	ug/L	98

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

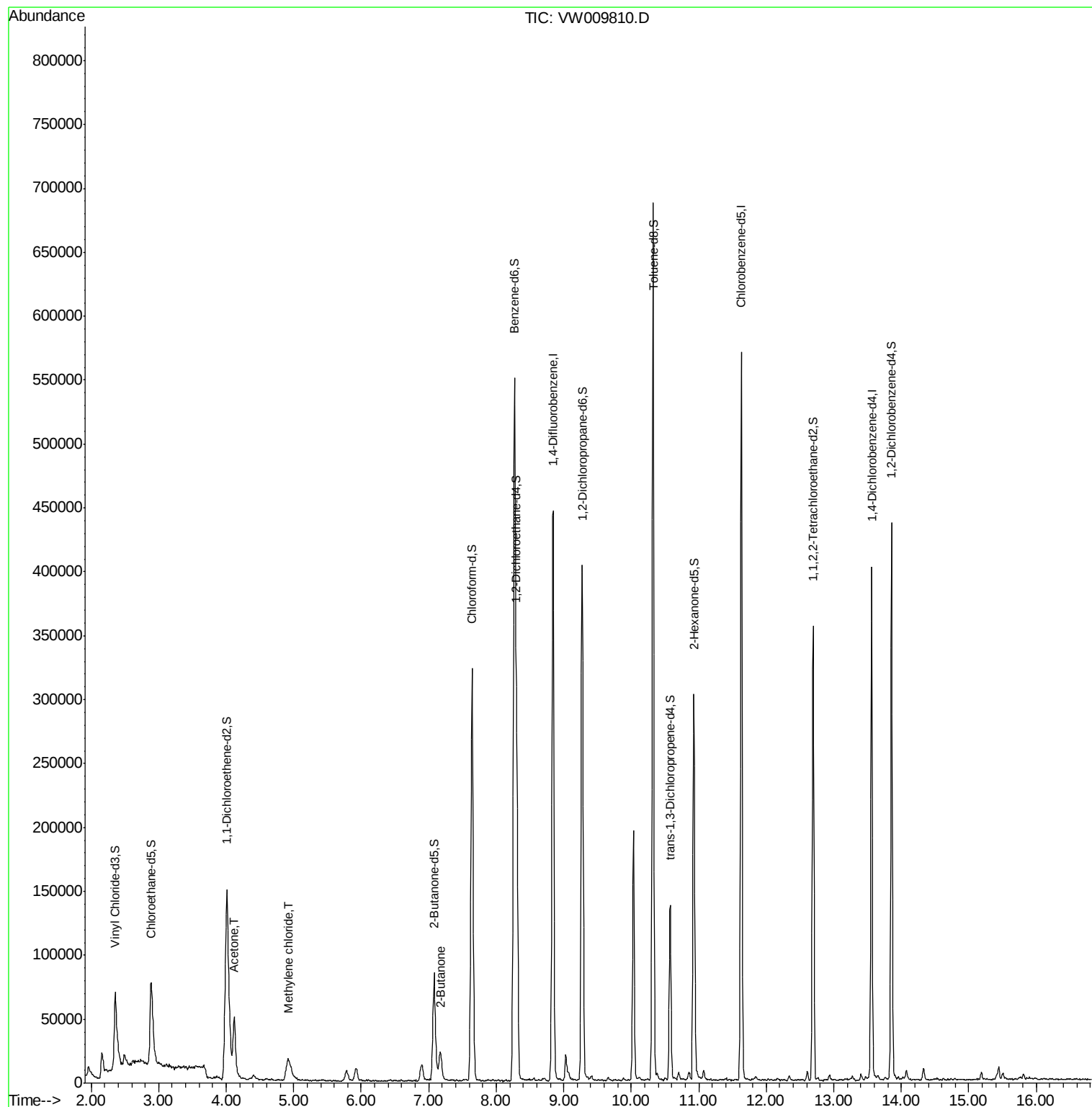
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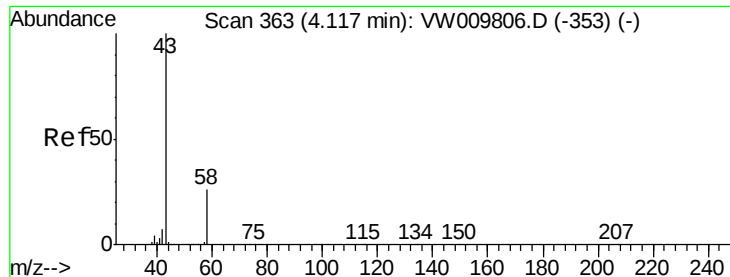
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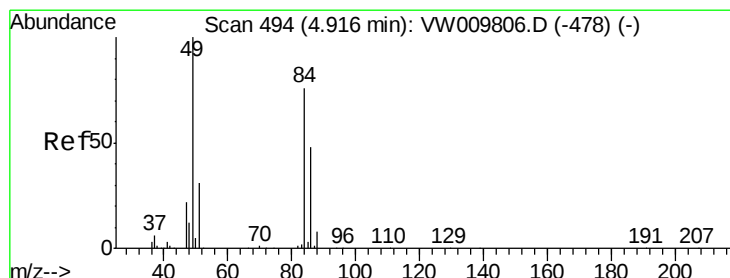
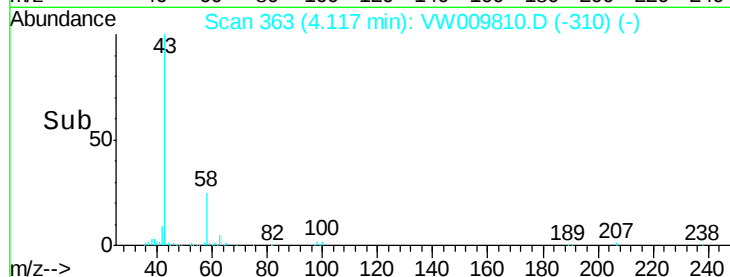
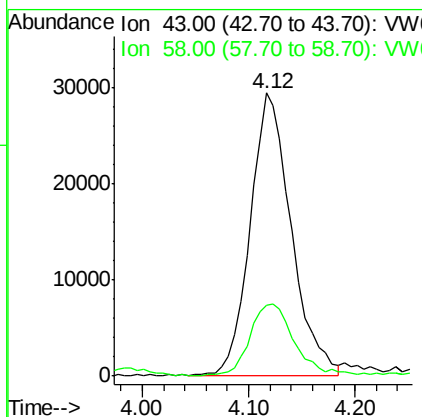
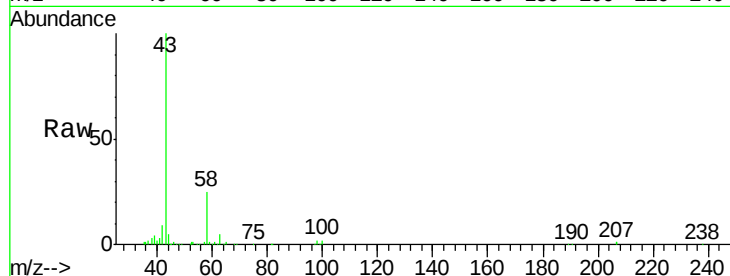
#13
Acetone
Concen: 50.377 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009810.D
Acq: 08 Apr 2019 19:53

Instrument :
MSVOA_W
ClientSampleId :
ETJ43RE

Tot Ion	43	Resp	79328
Ion Ratio	Lower	Upper	
43	100		
58	26.3	0.0	53.0

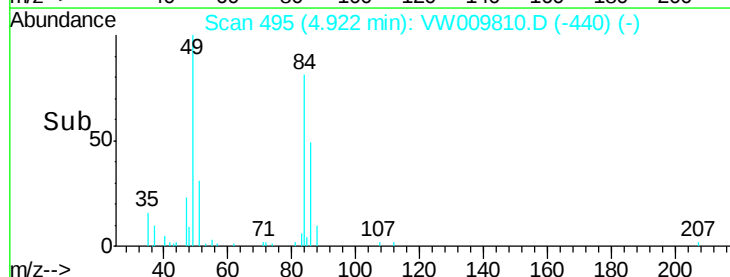
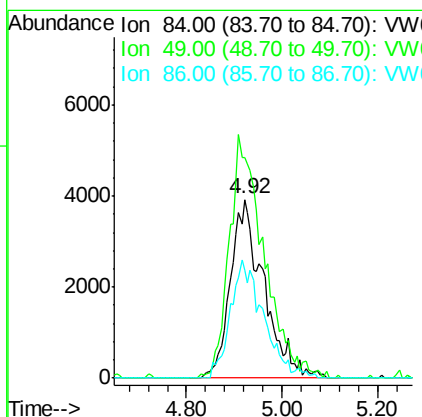
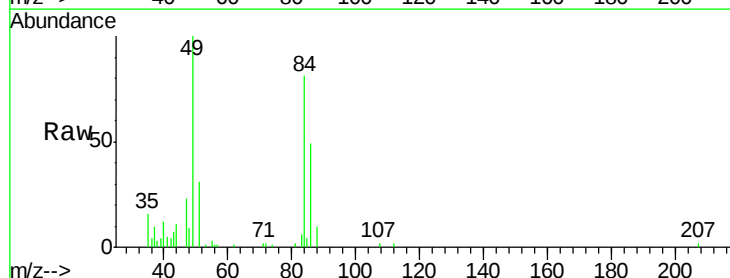
Manual Integrations
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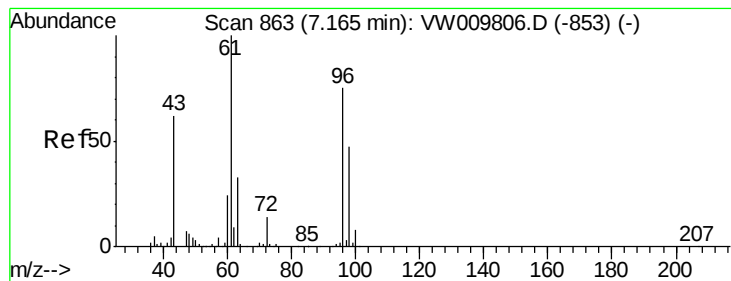
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#16
Methylene chloride
Concen: 3.122 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009810.D
Acq: 08 Apr 2019 19:53

Tgt Ion	84	Resp	19043
Ion Ratio	Lower	Upper	
84	100		
49	123.8	98.3	182.5
86	60.5	46.4	86.2





#21

2-Butanone

Concen: 15.522 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009810.D

Acq: 08 Apr 2019 19:53

Tot Ion: 43 Resp: 31085

Ion Ratio Lower Upper

43 100

72 23.2 12.0 36.1

Instrument :

MSVOA_W

ClientSampled :

ETJ43RE

Manual Integrations

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