

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009315.D
 Acq On : 21 Mar 2019 05:00
 Operator : SY/VA
 Sample : K1988-16
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C8

Manual Integrations
 APPROVED

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 3/25/2019 11:43:38 AM

Quant Time: Apr 05 07:35:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367824	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331987	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125329	28.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.04%
7) Chloroethane-d5	2.89	69	121089	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.02	63	189252	19.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.68%
20) 2-Butanone-d5	7.08	46	73892	40.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.30%
24) Chloroform-d	7.65	84	276120	27.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.04%
26) 1,2-Dichloroethane-d4	8.30	65	157404	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	8.27	84	513269	28.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.12%
33) 1,2-Dichloropropane-d6	9.27	67	162401	29.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.12%
37) Toluene-d8	10.32	98	446081	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.40%
38) trans-1,3-Dichloropropene-	10.58	79	58673	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	53391	40.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129138	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	134306	29.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	38731	25.982 ug/L	99
16) Methylene chloride	4.92	84	8275m	1.543 ug/L	
35) Trichloroethene	9.09	95	3051	0.630 ug/L #	82

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

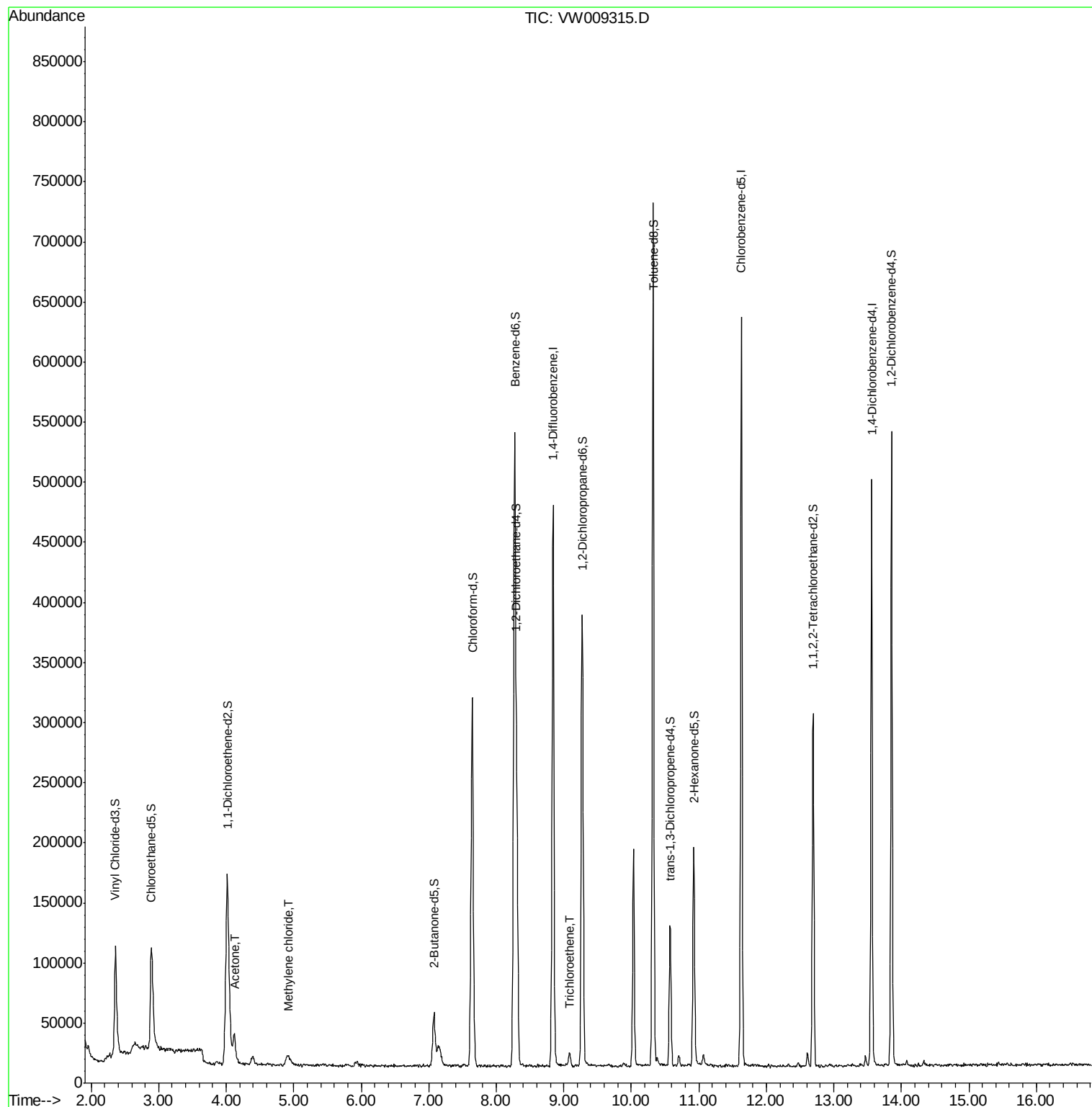
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032019\
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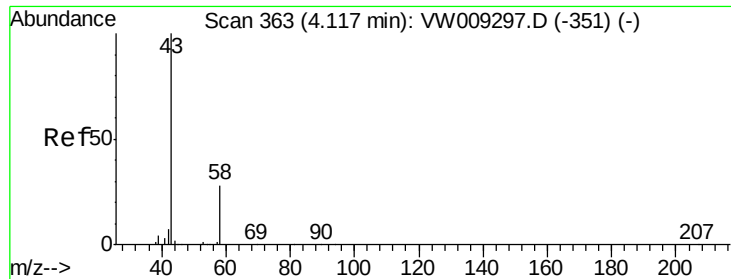
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 25.982 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009315.D

Acq: 21 Mar 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

BF0C8

Tot Ion: 43 Resp: 38731

Ion Ratio Lower Upper

43 100

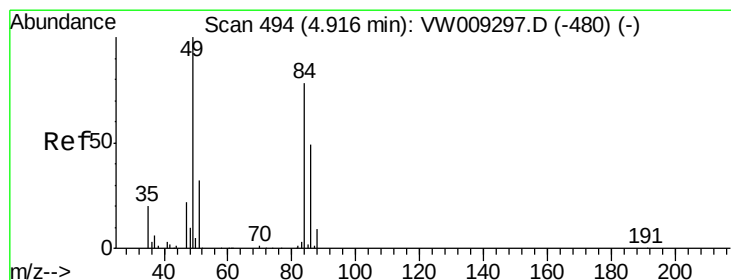
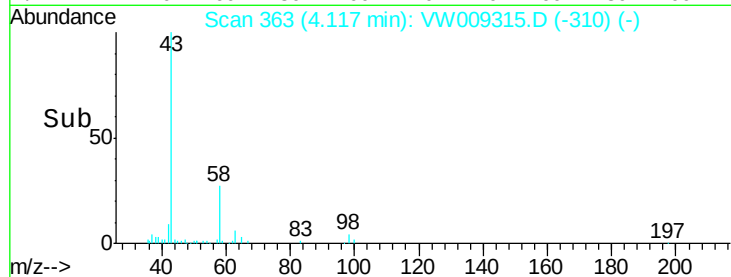
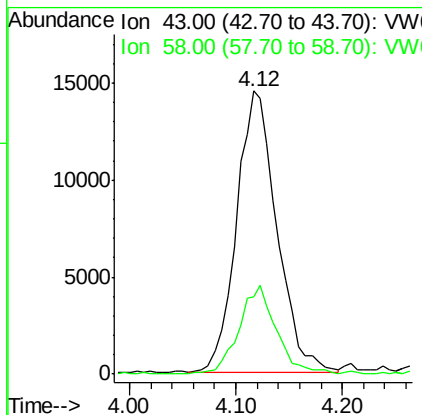
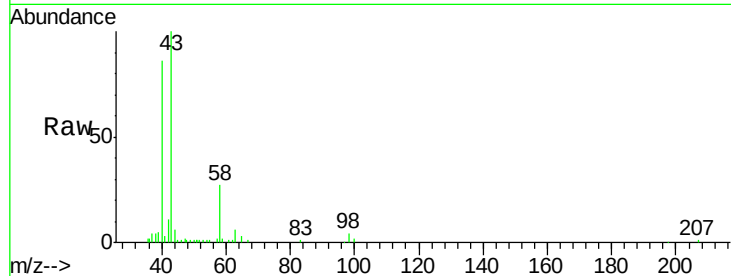
58 28.7 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 1.543 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW009315.D

Acq: 21 Mar 2019 05:00

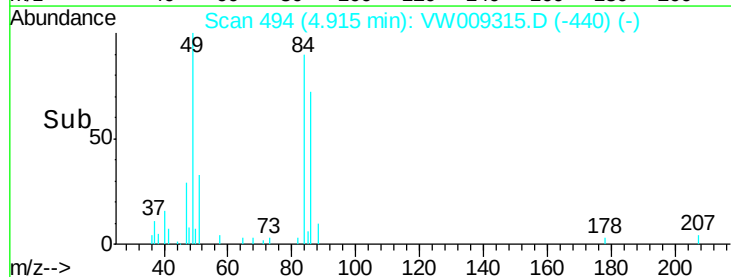
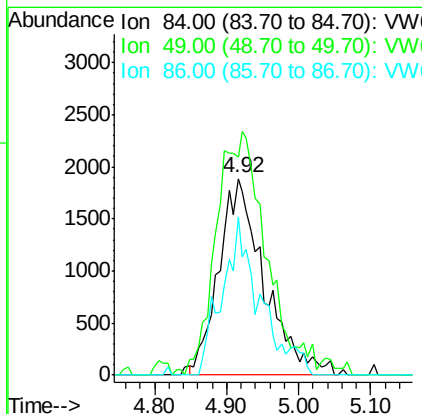
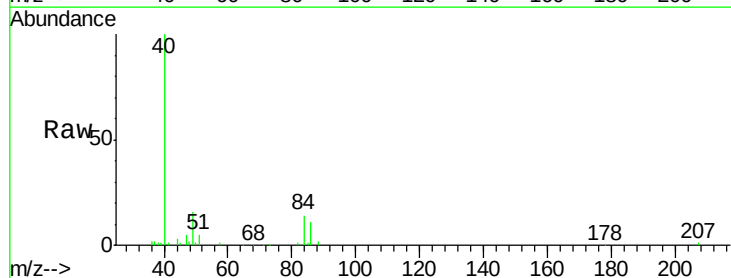
Tgt Ion: 84 Resp: 8275

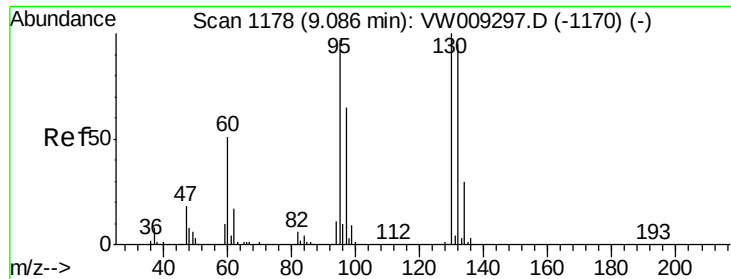
Ion Ratio Lower Upper

84 100

49 110.6 96.0 178.2

86 80.1 44.4 82.5





#35
 Trichloroethene
 Concen: 0.630 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
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 Acq: 21 Mar 2019 05:00

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Tot Ion	Ratio	Resp	Lower	Upper
95	100	3051		
97	16.9		44.7	82.9#
132	97.5		69.0	128.2
130	95.9		72.7	134.9

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