

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009962.D
 Acq On : 12 Apr 2019 16:49
 Operator : SY/VA
 Sample : K2303-07
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF8A2

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:46 AM

Quant Time: Apr 13 01:14:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	467634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182945	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91498	14.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.80%
7) Chloroethane-d5	2.90	69	86752	15.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.88%
10) 1,1-Dichloroethene-d2	4.01	63	181080	13.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.04%
20) 2-Butanone-d5	7.07	46	101839	51.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.52%
24) Chloroform-d	7.65	84	283584	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.31	65	177430	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.60%
29) Benzene-d6	8.27	84	488425	20.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.56%
33) 1,2-Dichloropropane-d6	9.27	67	164847	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.28%
37) Toluene-d8	10.32	98	407496	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.40%
38) trans-1,3-Dichloropropene-	10.58	79	65673	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.24%
39) 2-Hexanone-d5	10.93	63	69873	51.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153361	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	152912	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds					Ovalue
13) Acetone	4.12	43	31469	14.782 ug/L	96
16) Methylene chloride	4.92	84	41979	5.090 ug/L	92
21) 2-Butanone	7.18	43	8212m	3.033 ug/L	

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

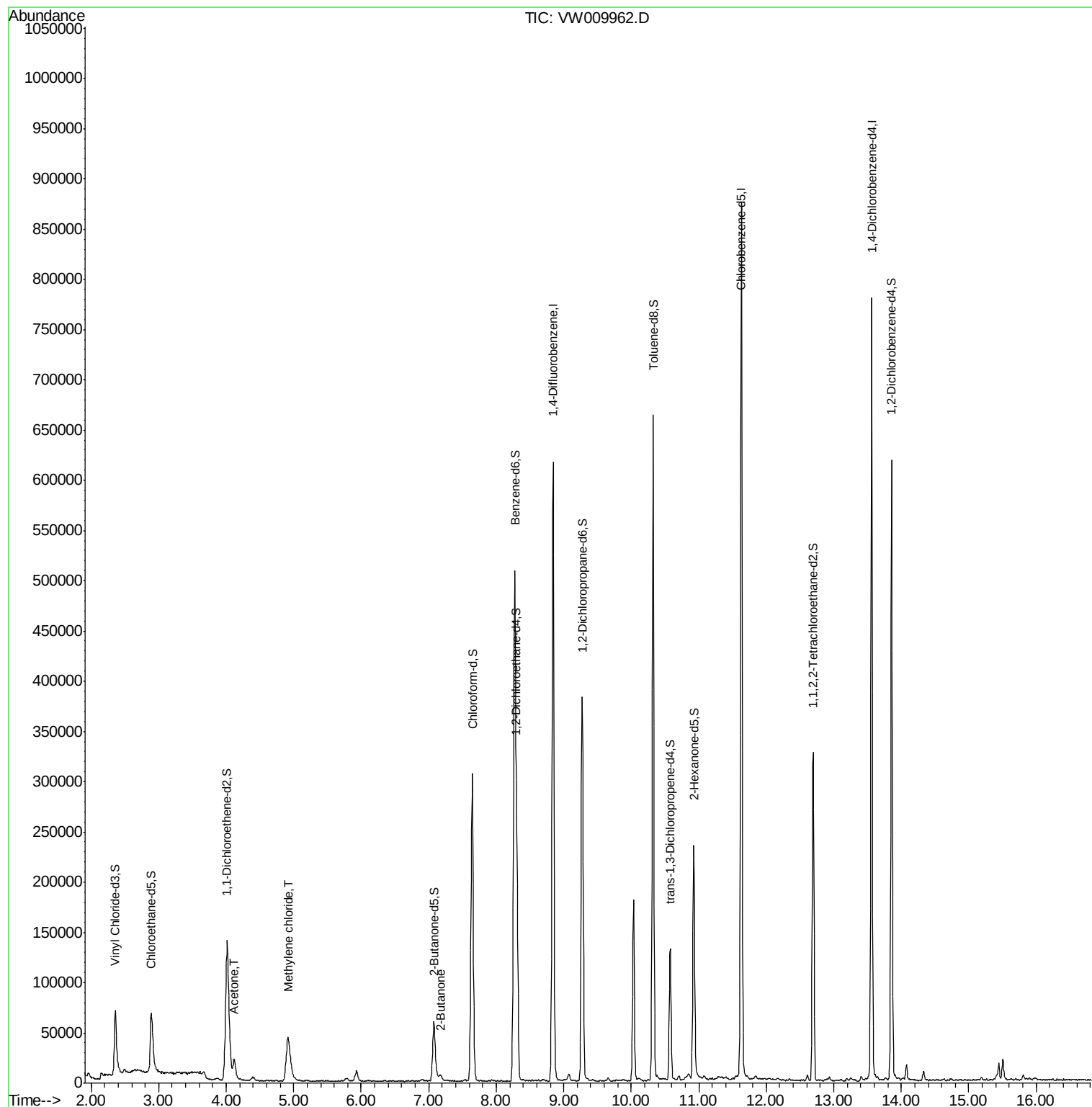
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041119\
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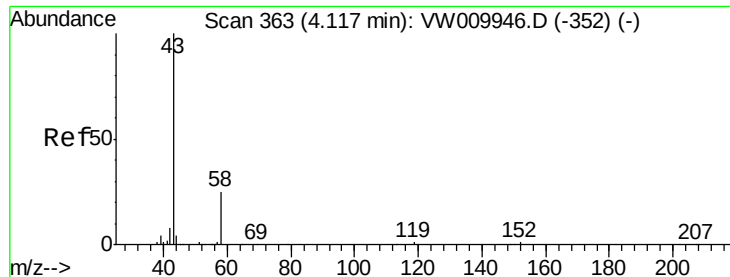
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:54:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.782 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009962.D

Acq: 12 Apr 2019 16:49

Instrument :

MSVOA_W

ClientSampled :

BF8A2

Tot Ion: 43 Resp: 31469

Ion Ratio Lower Upper

43 100

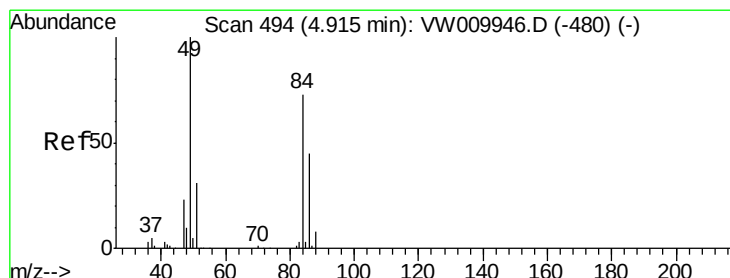
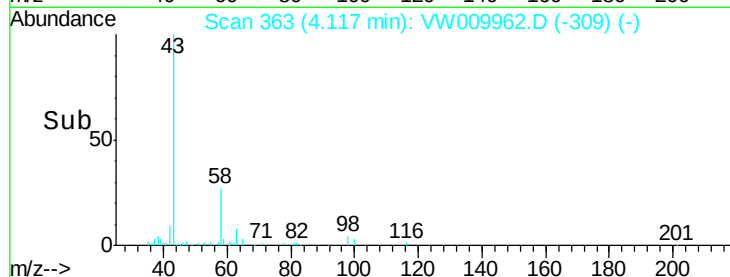
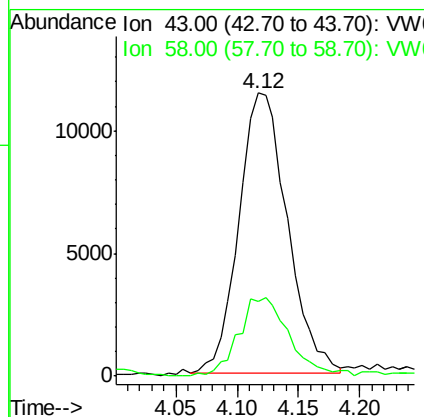
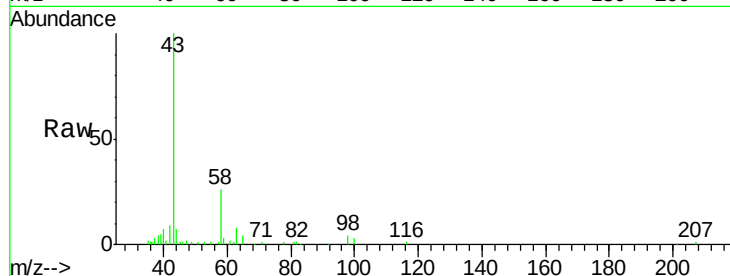
58 28.8 0.0 53.0

Manual Integrations

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4/15/2019 12:30:46 AM



#16

Methylene chloride

Concen: 5.090 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009962.D

Acq: 12 Apr 2019 16:49

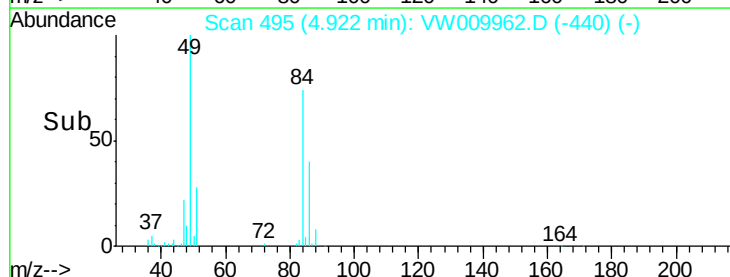
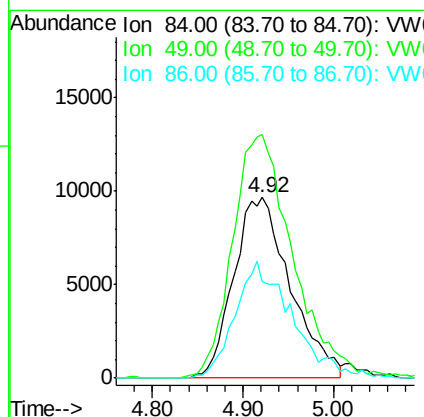
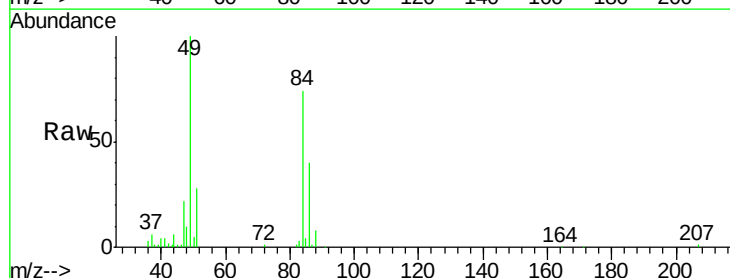
Tgt Ion: 84 Resp: 41979

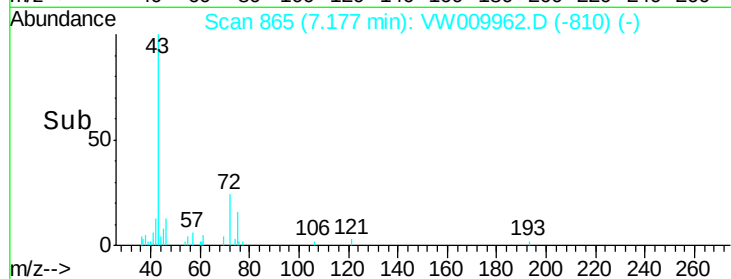
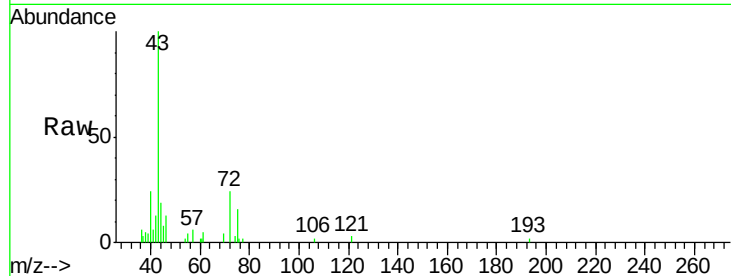
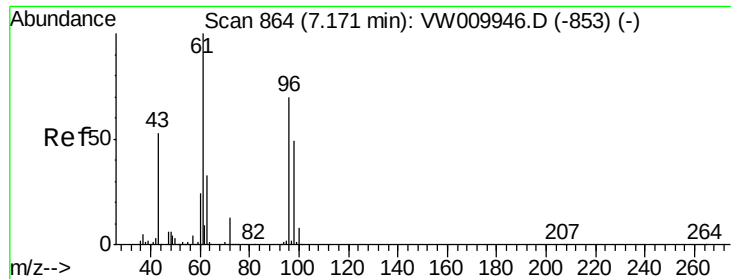
Ion Ratio Lower Upper

84 100

49 134.9 98.3 182.5

86 53.4 46.4 86.2





#21

2-Butanone

Concen: 3.033 ug/L m

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009962.D

Acq: 12 Apr 2019 16:49

Tot Ion: 43 Resp: 8212

Ion Ratio Lower Upper

43 100

72 0.2 12.0 36.1#

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