

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016608.D
 Acq On : 22 Sep 2020 14:19
 Operator : SY/VA
 Sample : L4108-03
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M7

Manual Integrations
 APPROVED

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 9/28/2020 3:15:58 PM

Quant Time: Sep 23 08:00:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	661943	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	588945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	289499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	162951	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
7) Chloroethane-d5	2.91	69	138788	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
10) 1,1-Dichloroethene-d2	4.03	63	249989	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.80%
20) 2-Butanone-d5	7.09	46	65289	37.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.74%
24) Chloroform-d	7.65	84	340103	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	171402	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.28	84	673313	25.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.96%
33) 1,2-Dichloropropane-d6	9.28	67	182305	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.88%
37) Toluene-d8	10.33	98	640936	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.58	79	80430	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	51800	39.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129441	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	230479	24.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.68%

Target Compounds					Ovalue
13) Acetone	4.13	43	24105	17.616 ug/L	99
16) Methylene chloride	4.93	84	57853	5.667 ug/L	95
21) 2-Butanone	7.18	43	6053m	2.600 ug/L	

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

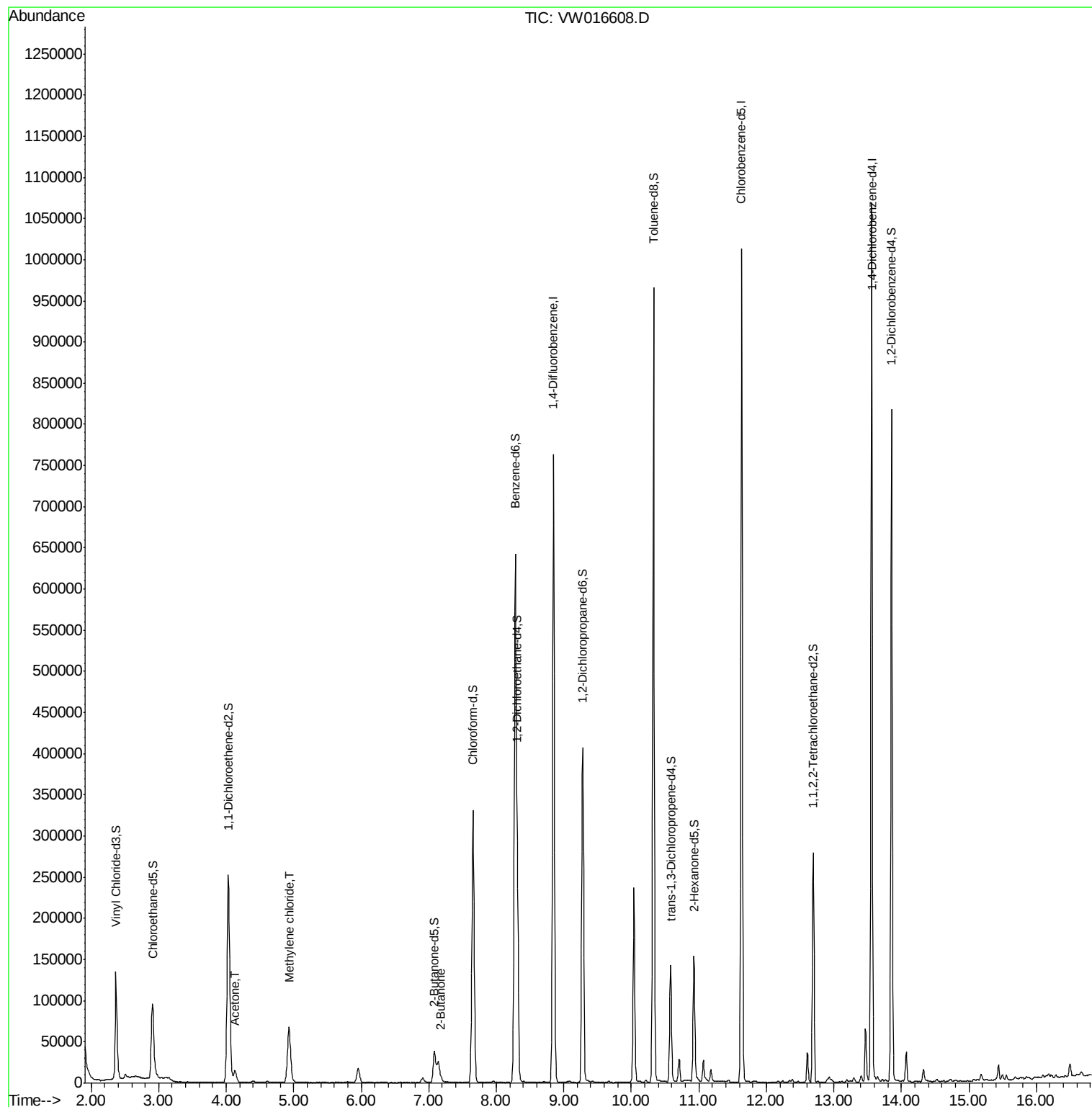
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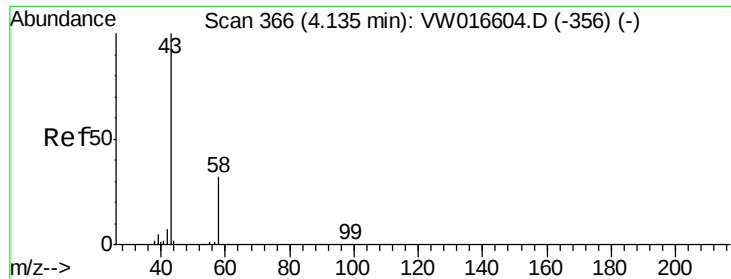
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QLast Update : Wed Sep 23 07:21:48 2020
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#13

Acetone

Concen: 17.616 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016608.D

Acq: 22 Sep 2020 14:19

Instrument :

MSVOA_W

ClientSampleId :

BG3M7

Tot Ion: 43 Resp: 24105

Ion Ratio Lower Upper

43 100

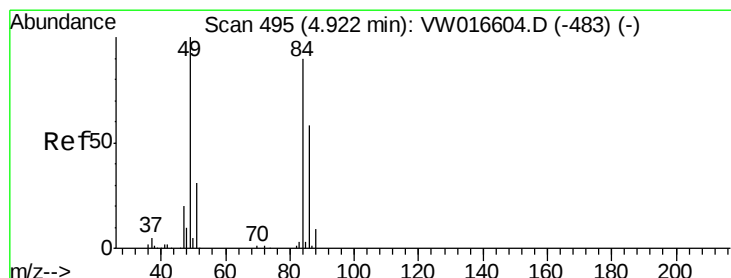
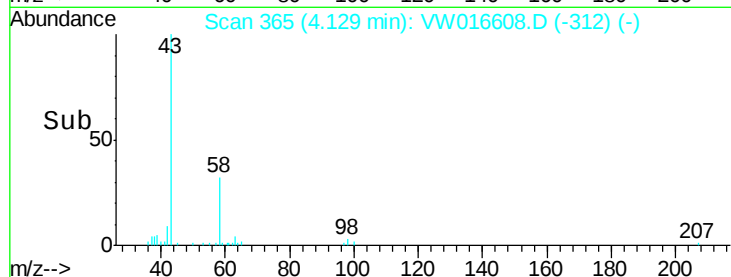
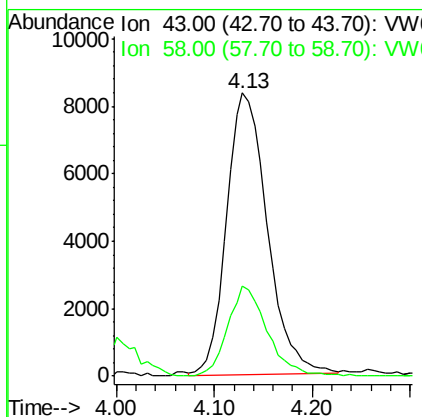
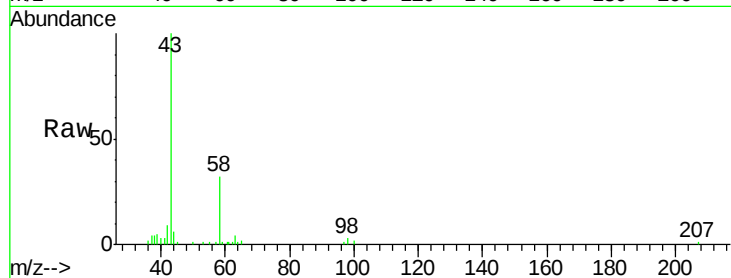
58 30.9 0.0 60.2

Manual Integrations

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#16

Methylene chloride

Concen: 5.667 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016608.D

Acq: 22 Sep 2020 14:19

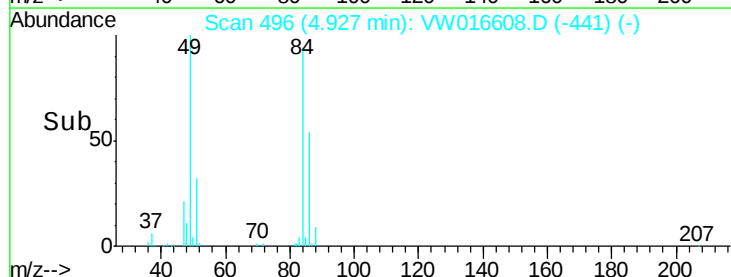
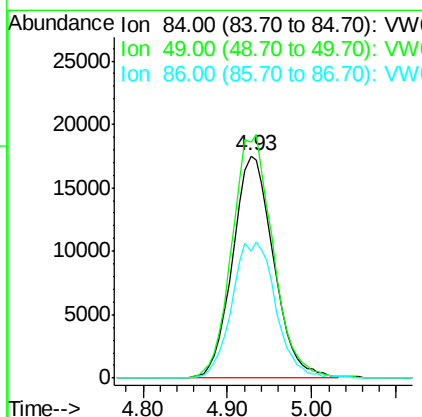
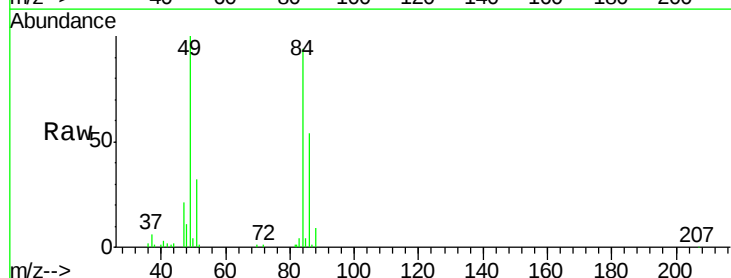
Tgt Ion: 84 Resp: 57853

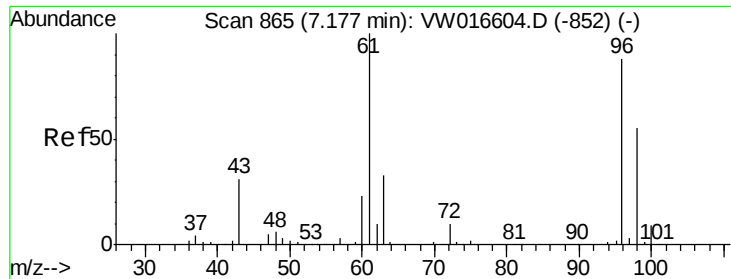
Ion Ratio Lower Upper

84 100

49 106.4 76.0 141.2

86 57.4 45.6 84.6





#21
 2-Butanone
 Concen: 2.600 ug/L m
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW016608.D
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Instrument :
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Tot Ion: 43 Resp: 6053
 Ion Ratio Lower Upper
 43 100
 72 1.4 14.6 43.8#

Manual Integrations
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