

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016809.D
 Acq On : 06 Oct 2020 21:55
 Operator : SY/VA
 Sample : L4235-15
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ0

Manual Integrations
 APPROVED

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 10/8/2020 5:38:30 PM

Quant Time: Oct 07 04:41:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	547355	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	422635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157207	29.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.44%
7) Chloroethane-d5	2.90	69	133353	29.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.76%
10) 1,1-Dichloroethene-d2	4.03	63	224015	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.16%
20) 2-Butanone-d5	7.09	46	46265	37.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.66%
24) Chloroform-d	7.65	84	300588	26.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.12%
26) 1,2-Dichloroethane-d4	8.31	65	144605	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.68%
29) Benzene-d6	8.28	84	621776	32.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.56%
33) 1,2-Dichloropropane-d6	9.28	67	164674	31.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.68%#
37) Toluene-d8	10.33	98	537421	29.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.68%
38) trans-1,3-Dichloropropene-	10.58	79	54856	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	36852	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96797	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	120159	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	23591	25.489 ug/L	73
16) Methylene chloride	4.92	84	6725m	0.890 ug/L	
21) 2-Butanone	7.18	43	8897	5.726 ug/L	74

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

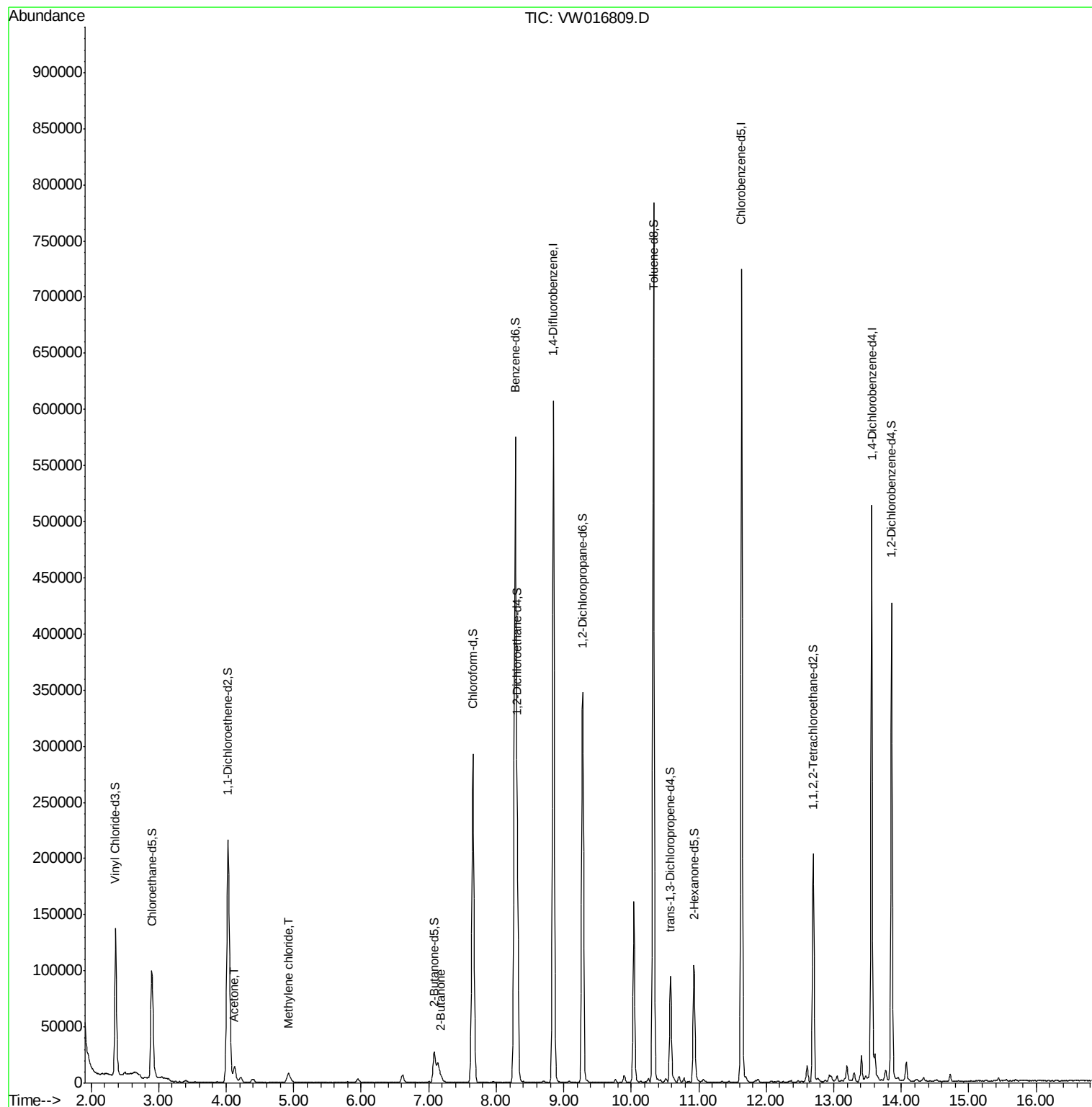
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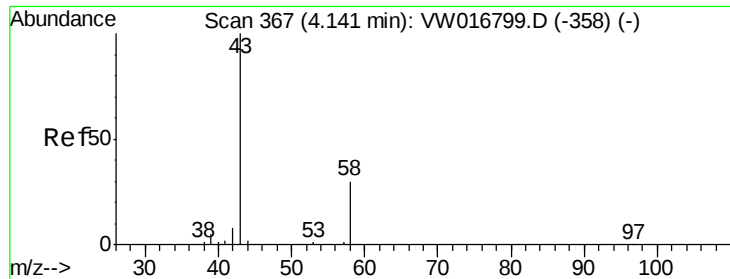
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#13

Acetone

Concen: 25.489 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016809.D

Acq: 06 Oct 2020 21:55

Instrument :

MSVOA_W

ClientSampled :

C0AQ0

Tot Ion: 43 Resp: 23591

Ion Ratio Lower Upper

43 100

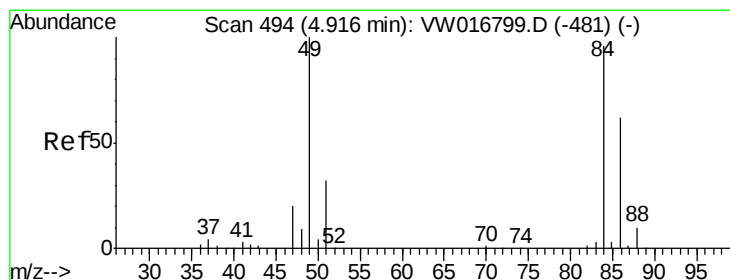
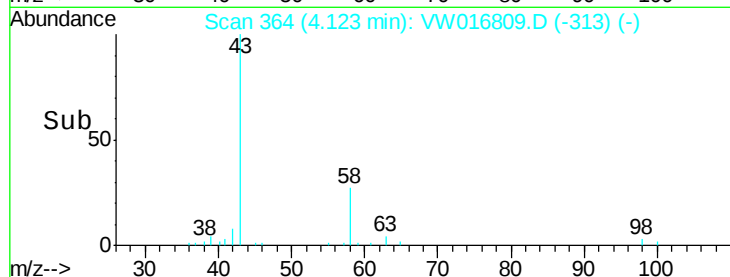
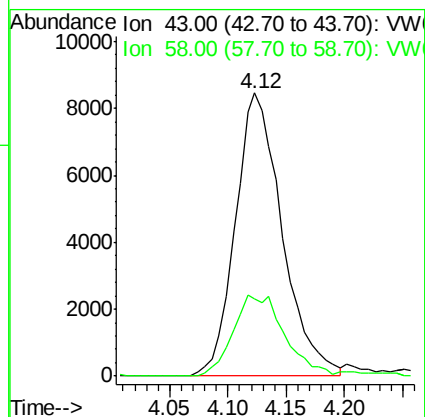
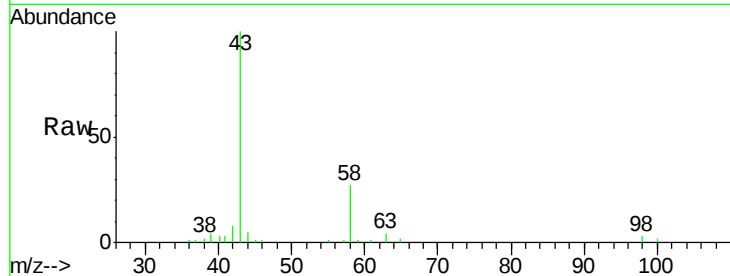
58 18.4 0.0 67.6

Manual Integrations

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#16

Methylene chloride

Concen: 0.890 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016809.D

Acq: 06 Oct 2020 21:55

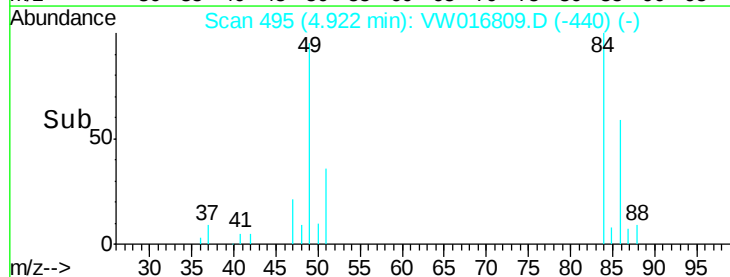
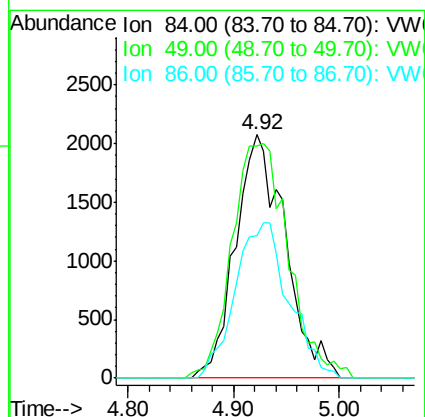
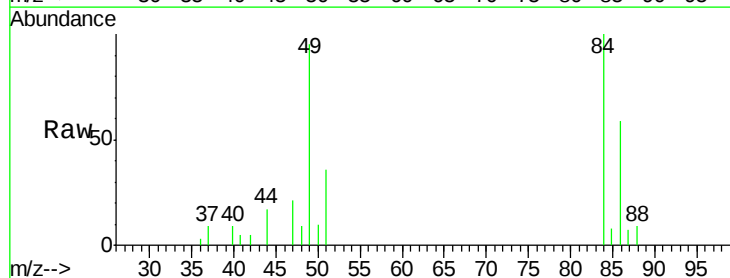
Tgt Ion: 84 Resp: 6725

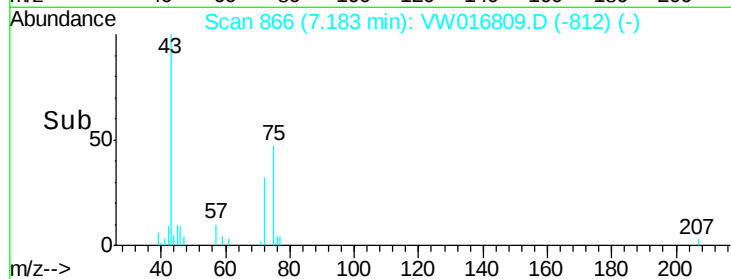
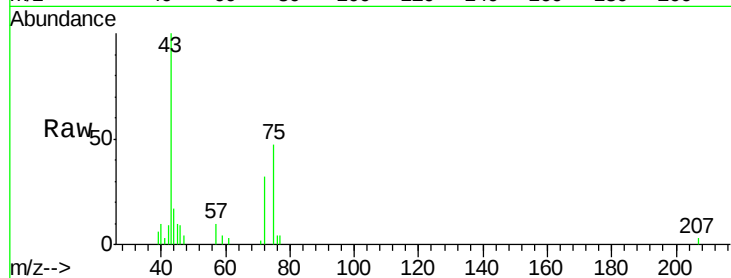
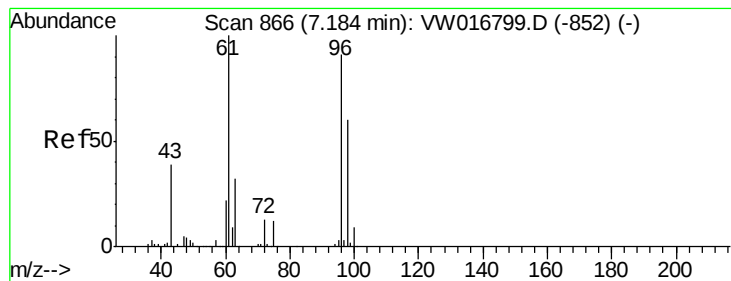
Ion Ratio Lower Upper

84 100

49 95.4 73.1 135.8

86 58.6 46.0 85.4





#21

2-Butanone

Concen: 5.726 ug/L

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW016809.D

Acq: 06 Oct 2020 21:55

Tot Ion: 43 Resp: 8897

Ion Ratio Lower Upper

43 100

72 18.0 16.2 48.5

Instrument :

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ClientSampleId :

C0AQ0

Manual Integrations

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