

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016828.D
 Acq On : 07 Oct 2020 12:07
 Operator : SY/VA
 Sample : L4235-17RE
 Misc : 3.82G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ3RE

Manual Integrations
 APPROVED

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 10/12/2020 1:55:23 PM

Quant Time: Oct 08 09:01:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	529873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157018	30.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.16%
7) Chloroethane-d5	2.90	69	131573	30.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.04%
10) 1,1-Dichloroethene-d2	4.03	63	225581	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.28%
20) 2-Butanone-d5	7.09	46	43550	36.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.56%
24) Chloroform-d	7.65	84	296067	26.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.92%
26) 1,2-Dichloroethane-d4	8.31	65	143588	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.36%
29) Benzene-d6	8.28	84	605321	33.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.88%#
33) 1,2-Dichloropropane-d6	9.28	67	159586	33.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.28%#
37) Toluene-d8	10.33	98	536803	31.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.68%
38) trans-1,3-Dichloropropene-	10.58	79	49848	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.40%
39) 2-Hexanone-d5	10.93	63	34911	47.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82720	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	80012	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	14238	15.891	ug/L	98
14) Carbon disulfide	4.38	76	5538m	0.282	ug/L	
16) Methylene chloride	4.93	84	5700	0.779	ug/L	83
21) 2-Butanone	7.18	43	6148m	4.087	ug/L	

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

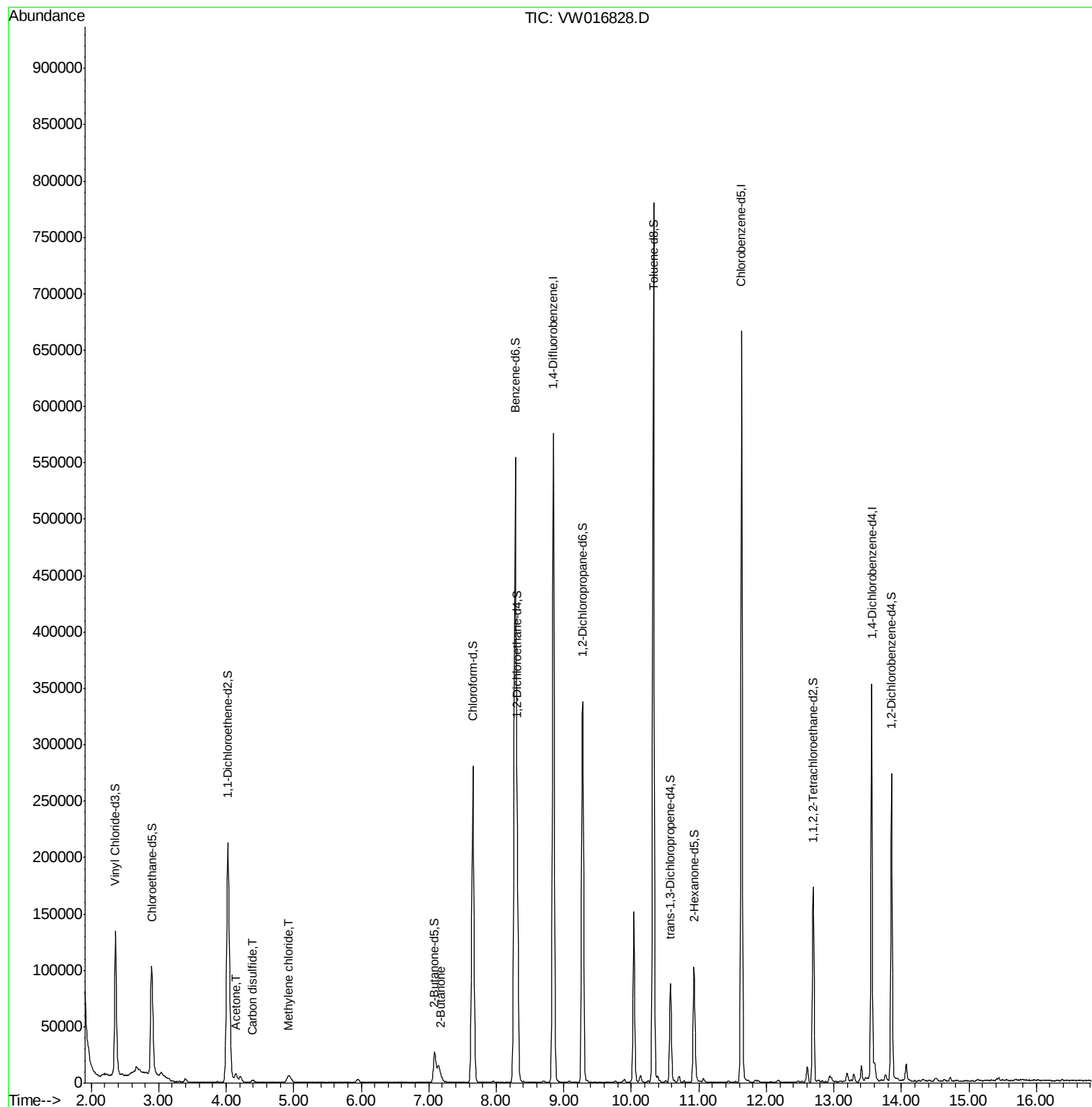
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100820\
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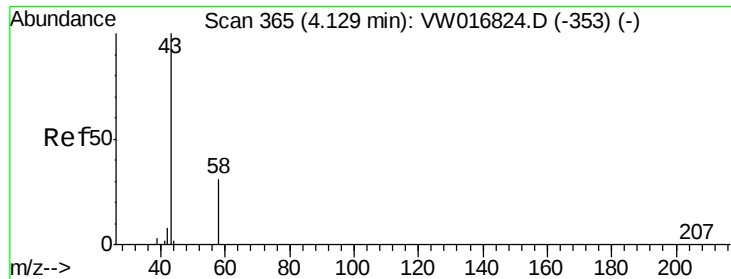
Instrument :
MSVOA_W
ClientSampleId :
C0AQ3RE

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Quant Time: Oct 08 09:01:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 15.891 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016828.D

Acq: 07 Oct 2020 12:07

Instrument :

MSVOA_W

ClientSampleId :

C0AQ3RE

Tot Ion: 43 Resp: 14238

Ion Ratio Lower Upper

43 100

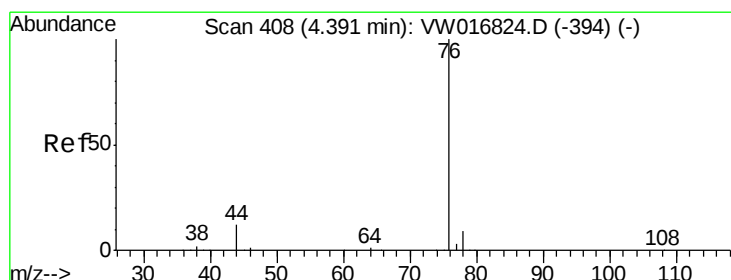
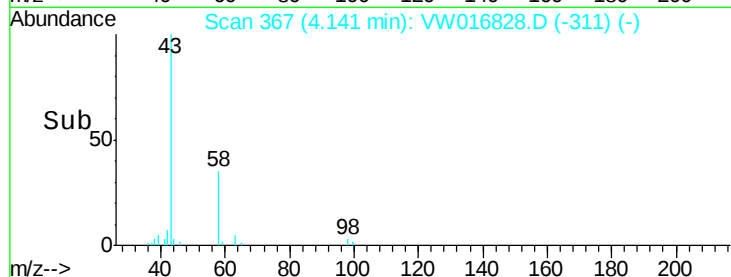
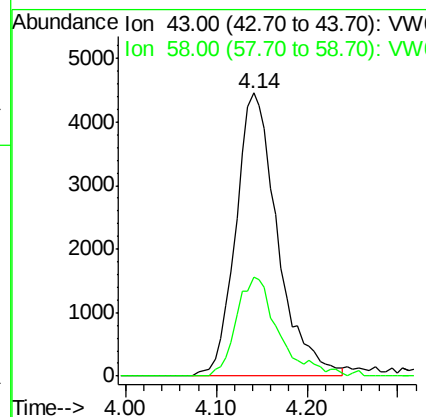
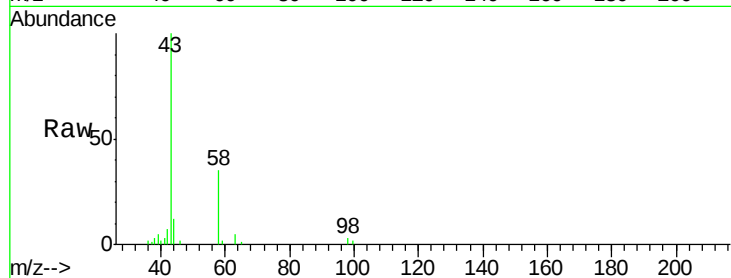
58 32.7 0.0 67.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.282 ug/L m

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016828.D

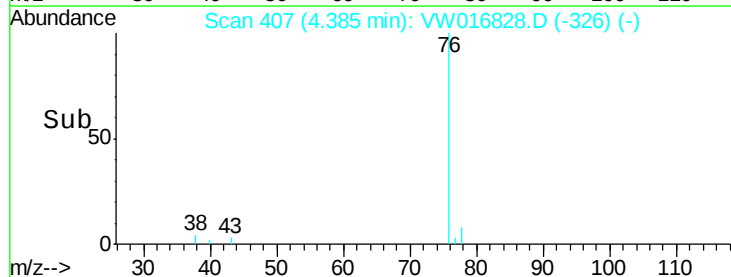
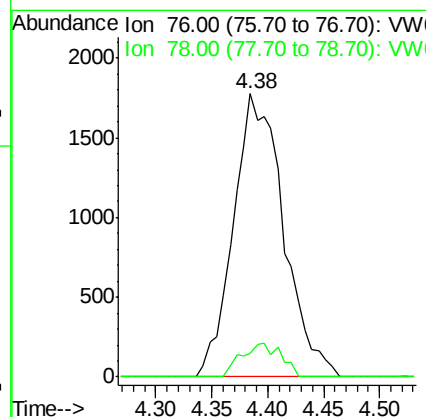
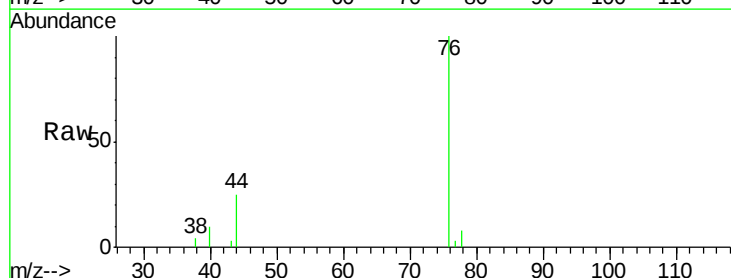
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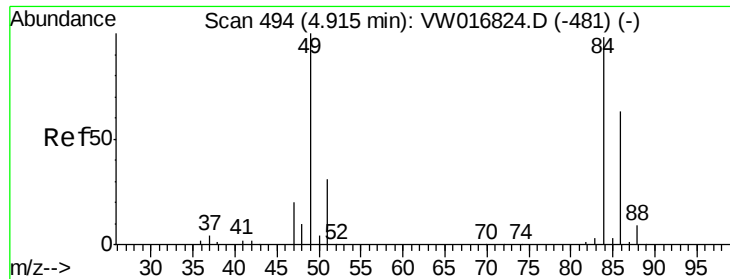
Tgt Ion: 76 Resp: 5538

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0





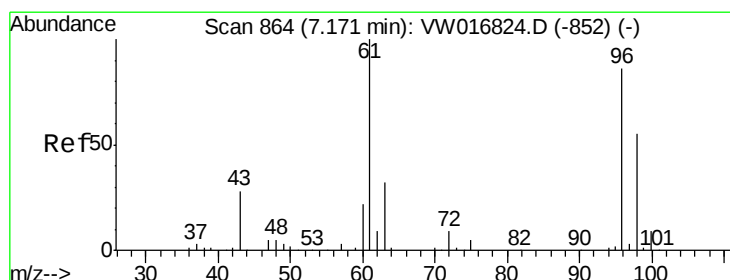
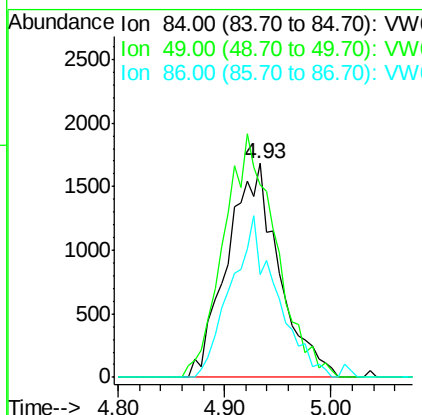
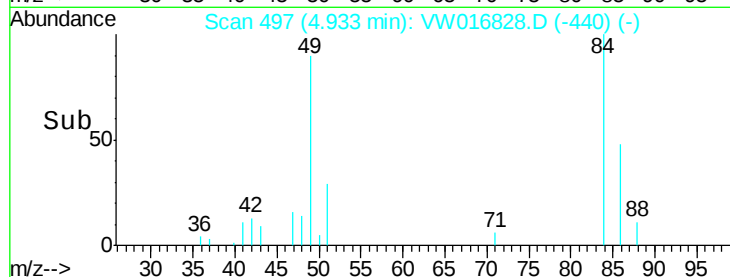
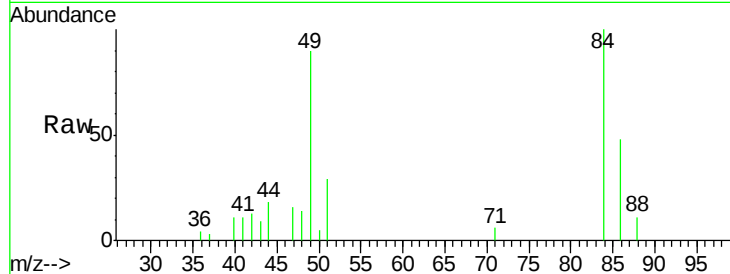
#16
Methvlene chloride
Concen: 0.779 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW016828.D
Acq: 07 Oct 2020 12:07

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Tot Ion	84	Resp	5700
Ion	Ratio	Lower	Upper
84	100		
49	90.3	73.1	135.8
86	47.9	46.0	85.4

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#21
2-Butanone
Concen: 4.087 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016828.D
Acq: 07 Oct 2020 12:07

Tgt Ion	43	Resp	6148
Ion	Ratio	Lower	Upper
43	100		
72	1.1	16.2	48.5#

