

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\
 Data File : VW015011.D
 Acq On : 19 Feb 2020 17:04
 Operator : SY/VA
 Sample : L1584-04
 Misc : 3.61G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM1

Manual Integrations
 APPROVED

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 2/24/2020 12:33:13 PM

Quant Time: Feb 20 03:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 20 03:31:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	679189	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	612780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189204	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	150612	13.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.56%
7) Chloroethane-d5	2.89	69	214167	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
10) 1,1-Dichloroethene-d2	4.01	63	314833	15.33	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	7.07	46	154980	49.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.22%
24) Chloroform-d	7.65	84	497246	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	8.30	65	301285	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.92%
29) Benzene-d6	8.27	84	930979	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.27	67	348100	27.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.44%
37) Toluene-d8	10.32	98	742472	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	95280	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.16%
39) 2-Hexanone-d5	10.92	63	95342	40.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	242770	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	171281	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	25161	7.725 ug/L	94
14) Carbon disulfide	4.38	76	12996	0.449 ug/L	100
16) Methylene chloride	4.92	84	19727m	1.594 ug/L	

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

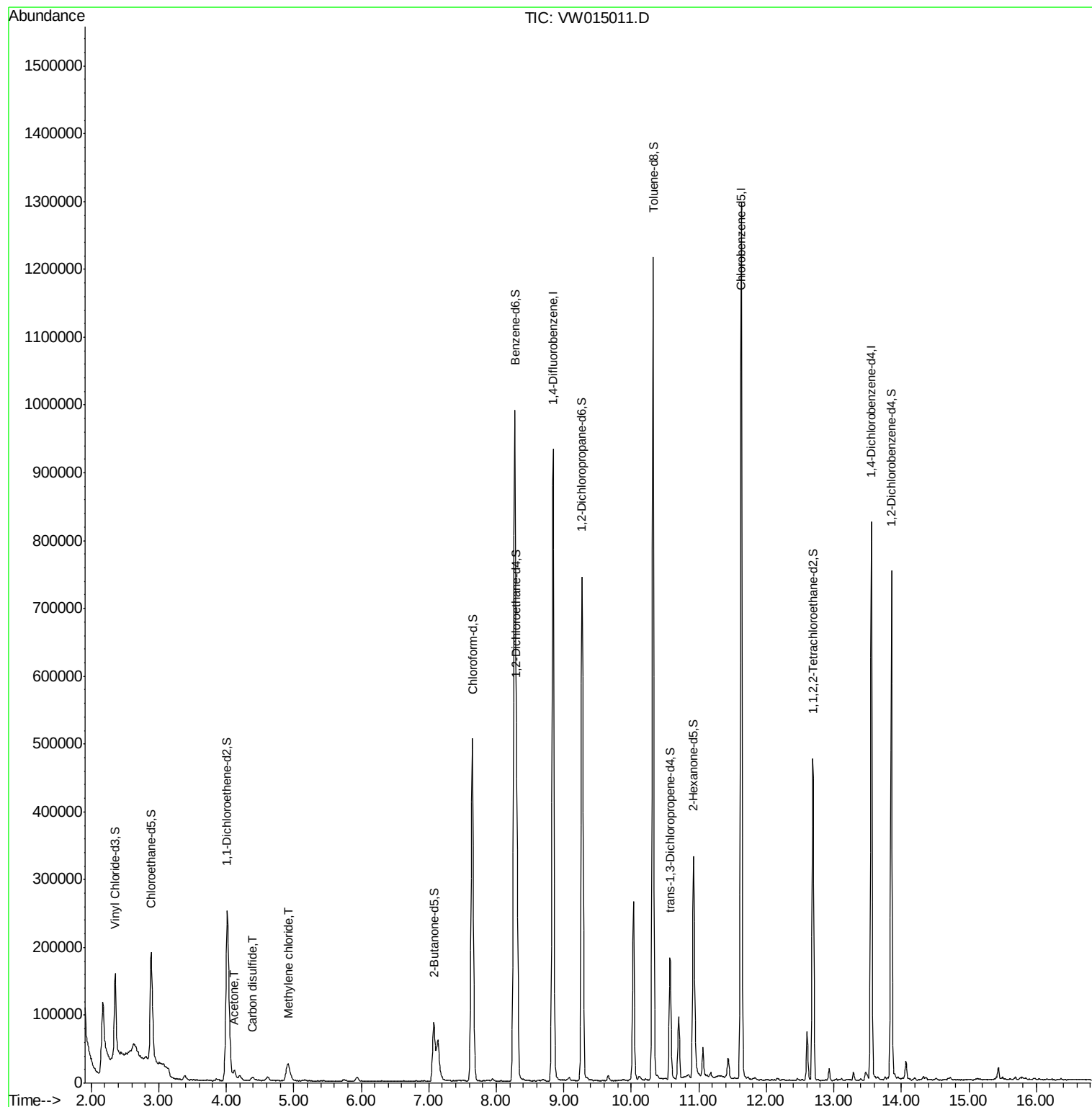
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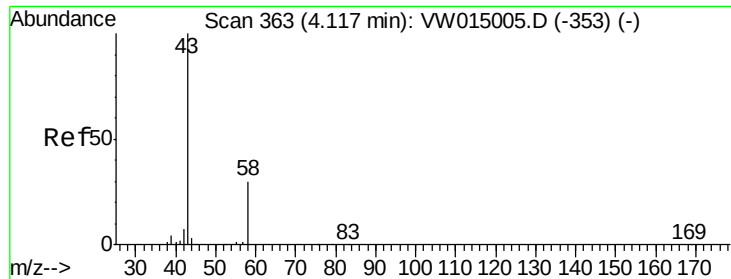
Instrument :
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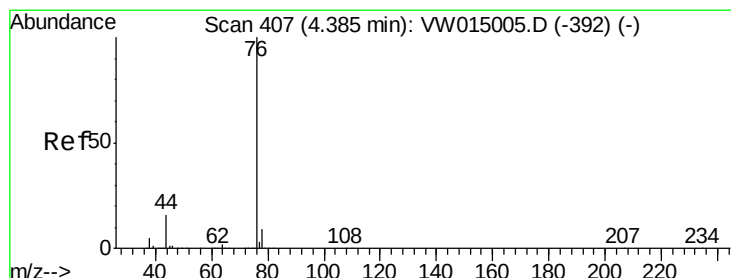
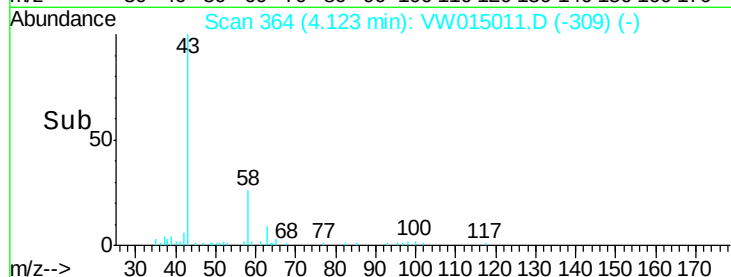
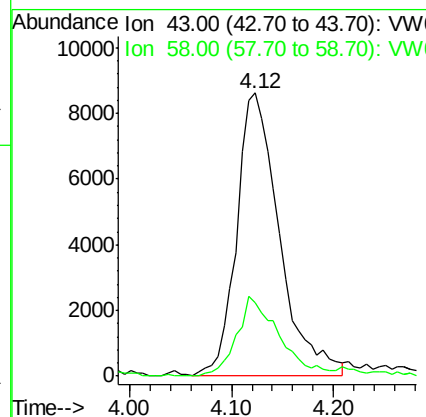
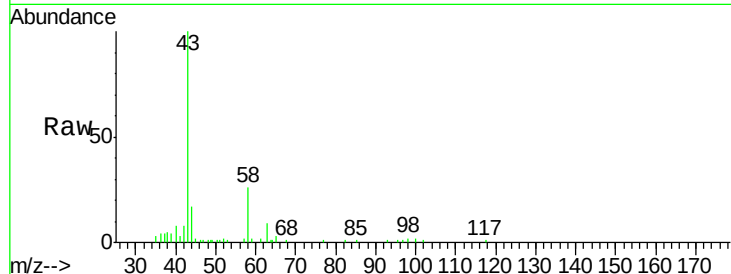
#13
Acetone
Concen: 7.725 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW015011.D
Acq: 19 Feb 2020 17:04

Instrument :
MSVOA_W
ClientSampled :
C0AM1

Tot Ion: 43 Resp: 25161
Ion Ratio Lower Upper
43 100
58 26.7 0.0 60.4

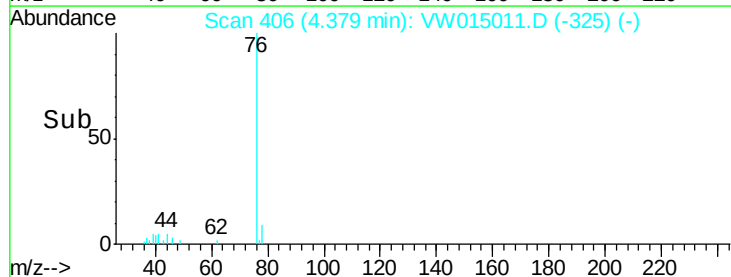
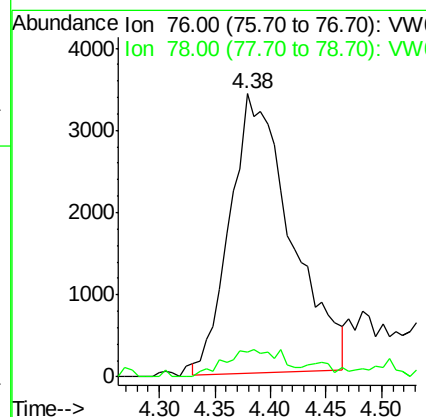
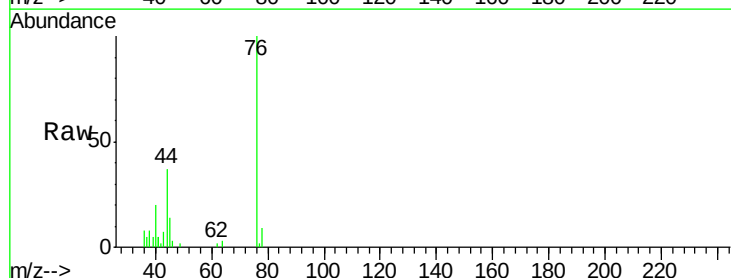
Manual Integrations
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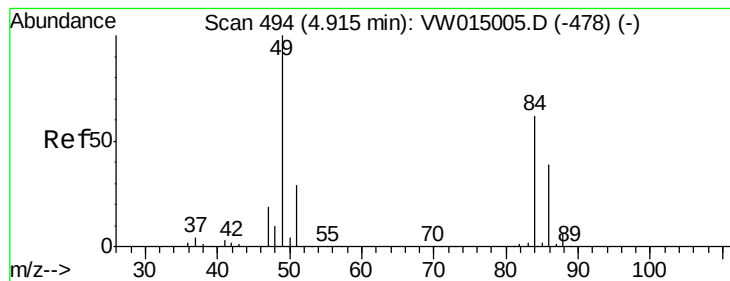
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#14
Carbon disulfide
Concen: 0.449 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015011.D
Acq: 19 Feb 2020 17:04

Tgt Ion: 76 Resp: 12996
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#16
Methylene chloride
Concen: 1.594 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015011.D
Acq: 19 Feb 2020 17:04

Instrument :
MSVOA_W
ClientSampleId :
C0AM1

Tot Ion	Ratio	Lower	Upper
84	100		
49	149.4	95.8	177.8
86	57.4	44.2	82.2

Manual Integrations
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