

Data File : VW015008.D
Acq On : 19 Feb 2020 15:45
Operator : SY/VA
Sample : L1584-01
Misc : 2.83G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AL8

Quant Time: Feb 20 03:34:02 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	473051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409491	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	115291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137745	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.89	69	165818	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.80%
10) 1,1-Dichloroethene-d2	4.01	63	258459	18.06	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.24%
20) 2-Butanone-d5	7.07	46	97086	44.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.34%
24) Chloroform-d	7.64	84	381299	28.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.56%
26) 1,2-Dichloroethane-d4	8.30	65	209895	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.27	84	710666	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	253860	29.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.32%
37) Toluene-d8	10.32	98	562227	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.57	79	71310	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	10.92	63	56386	36.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144178	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	110511	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

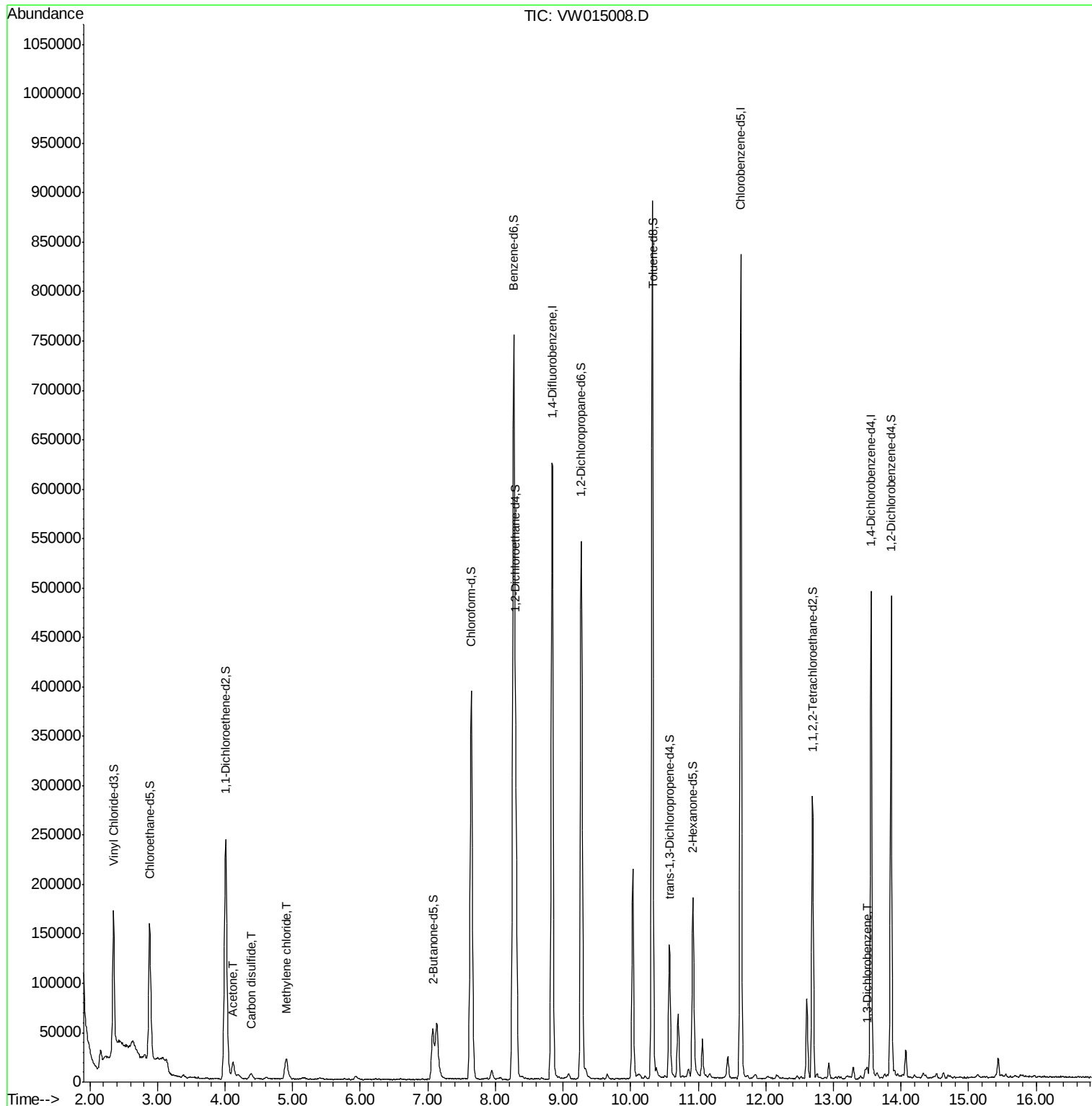
					Qvalue
13) Acetone	4.12	43	29506	13.006 ug/L	99
14) Carbon disulfide	4.38	76	9634	0.478 ug/L #	87
16) Methylene chloride	4.90	84	13960	1.620 ug/L	91
63) 1,3-Dichlorobenzene	13.51	146	2533	0.325 ug/L	88

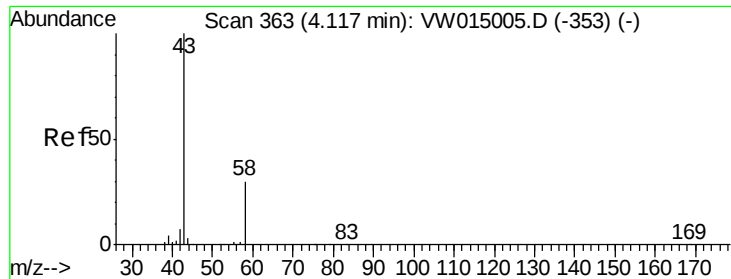
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.006 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

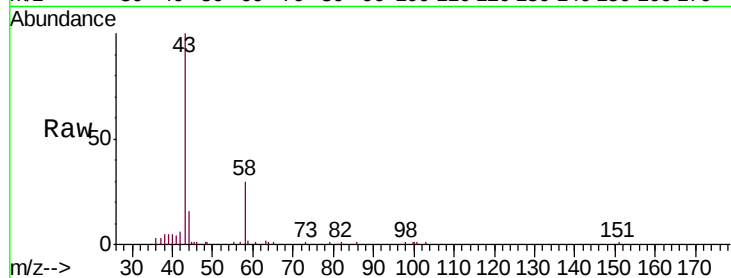
COAL8

Tgt Ion: 43 Resp: 29506

Ion Ratio Lower Upper

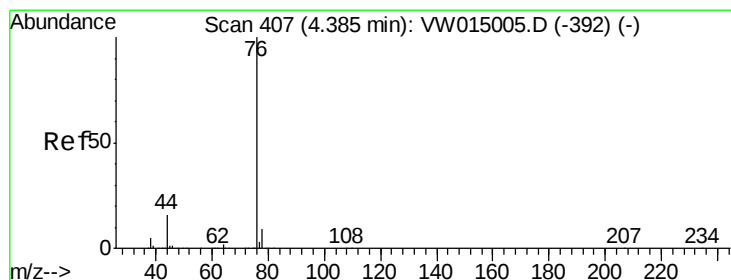
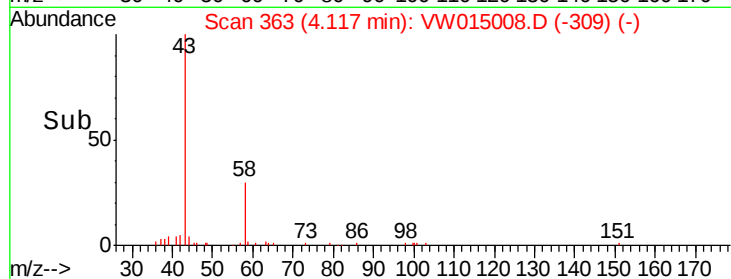
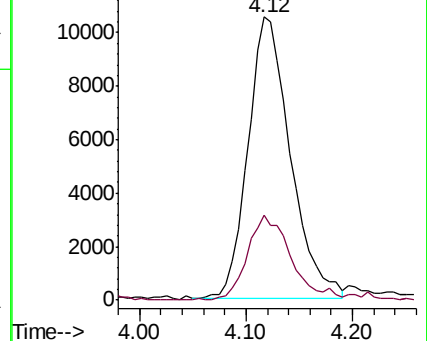
43 100

58 29.6 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.478 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

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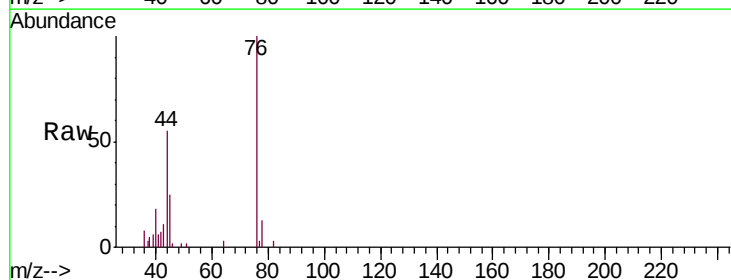
Acq: 19 Feb 2020 15:45

Tgt Ion: 76 Resp: 9634

Ion Ratio Lower Upper

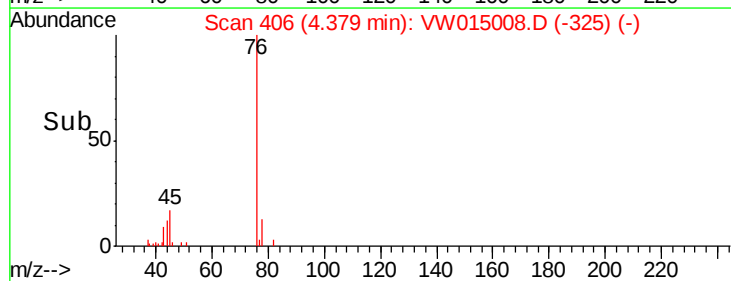
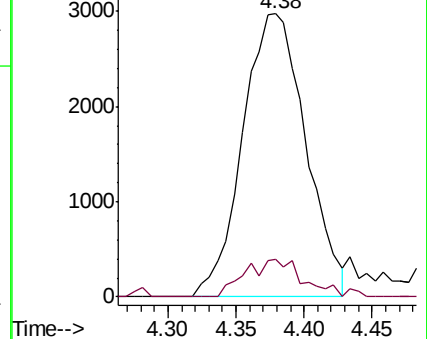
76 100

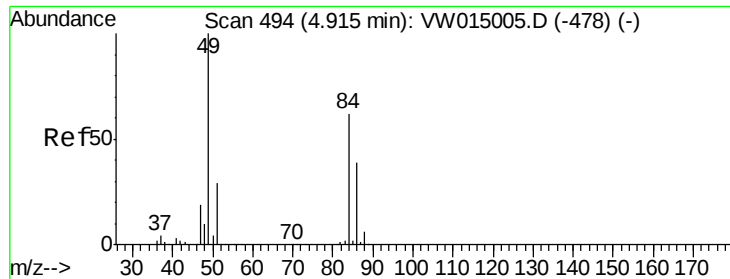
78 13.3 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

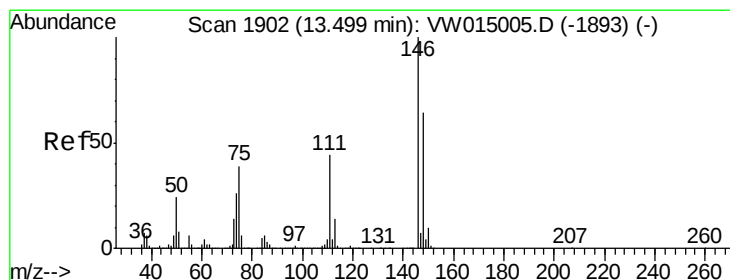
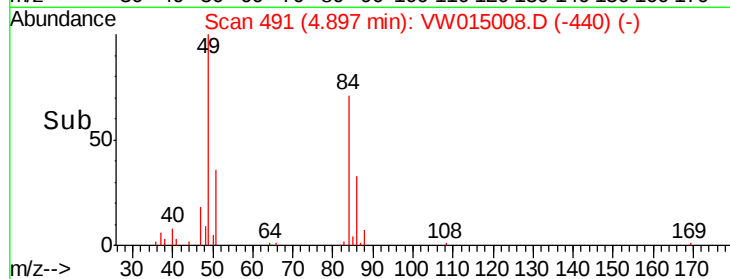
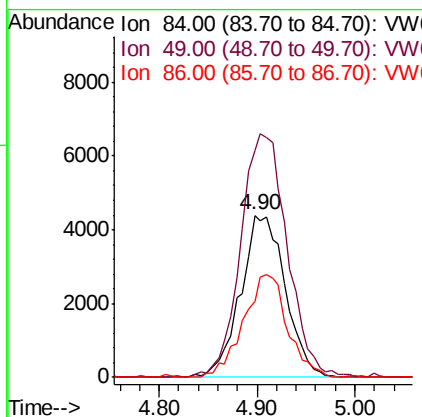
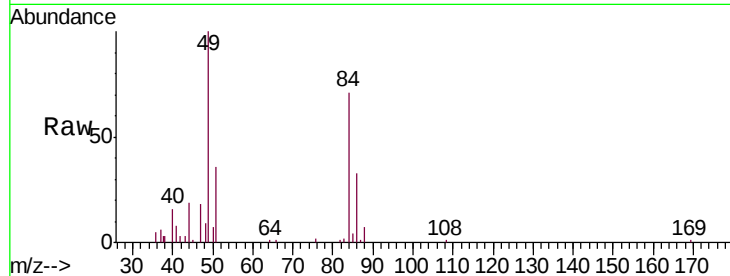




#16
Methylene chloride
Concen: 1.620 ug/L
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
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MSVOA_W
ClientSampled :
C0AL8

Tgt Ion: 84 Resp: 13960
Ion Ratio Lower Upper
84 100
49 140.0 95.8 177.8
86 46.5 44.2 82.2



#63
1,3-Dichlorobenzene
Concen: 0.325 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW015008.D
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Tgt Ion: 146 Resp: 2533
Ion Ratio Lower Upper
146 100
111 35.0 28.6 53.0
148 51.4 43.3 80.5

