

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\
 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 03:46:47 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

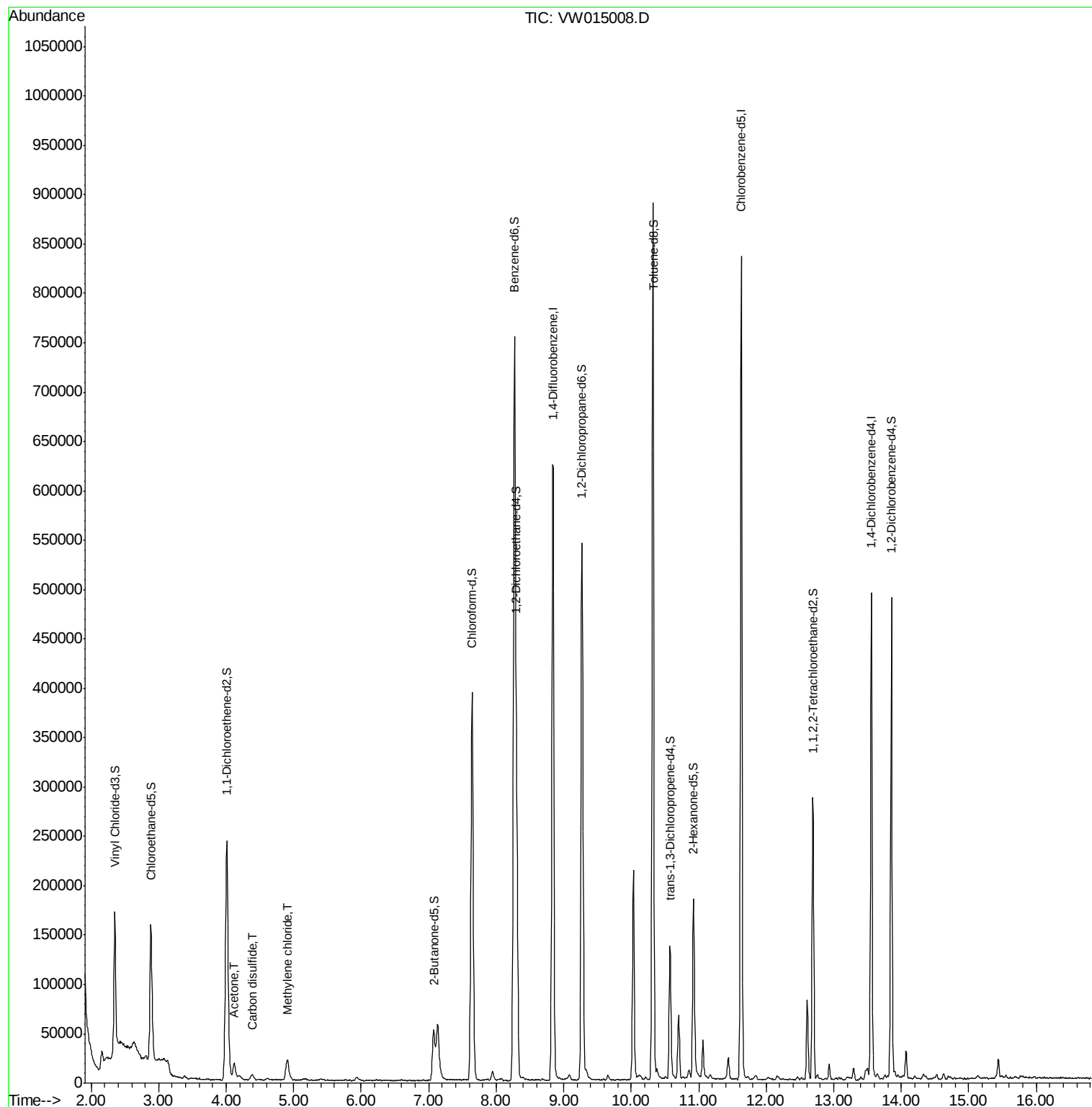
					Ovalue
13) Acetone	4.12	43	29506	13.006 ug/L	99
14) Carbon disulfide	4.38	76	9634	0.478 ug/L #	87
16) Methylene chloride	4.90	84	13960	1.620 ug/L	91

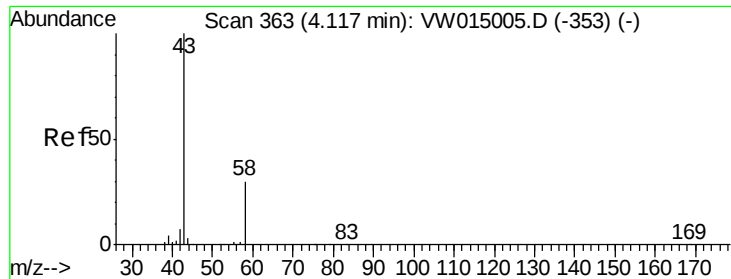
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.006 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015008.D

Acq: 19 Feb 2020 15:45

Instrument :

MSVOA_W

ClientSampled :

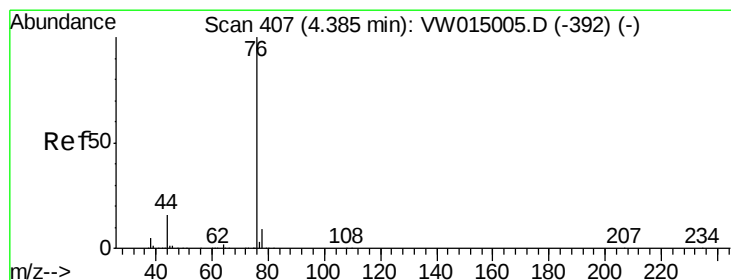
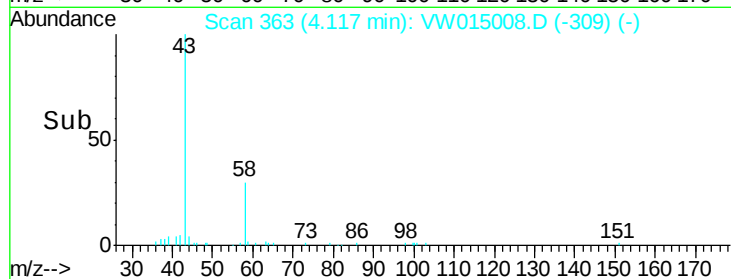
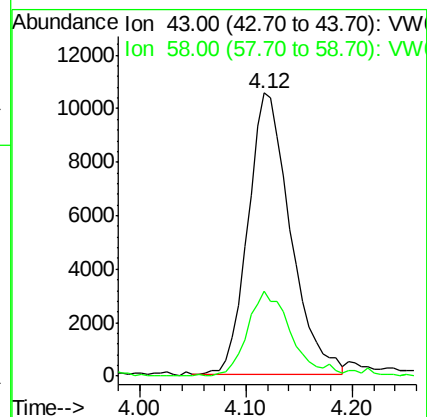
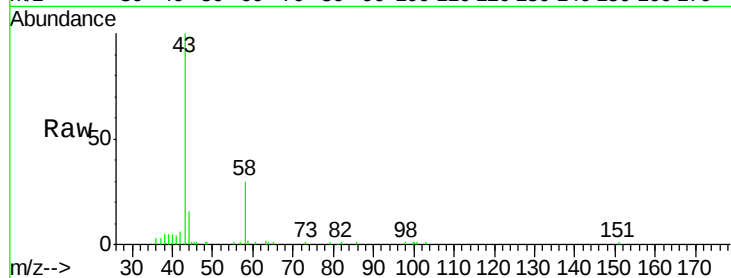
COAL8

Tot Ion: 43 Resp: 29506

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.4



#14

Carbon disulfide

Concen: 0.478 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

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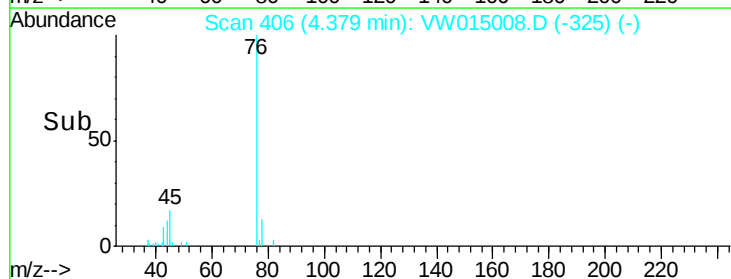
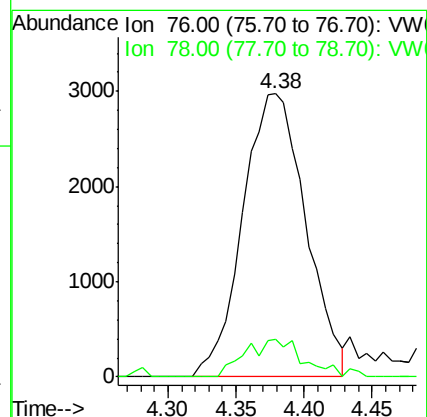
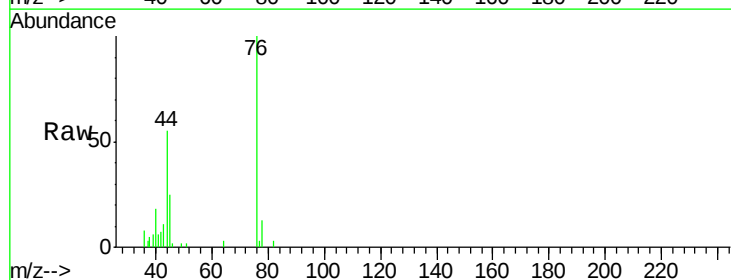
Acq: 19 Feb 2020 15:45

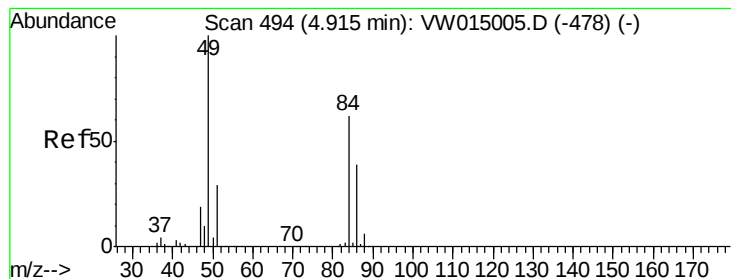
Tgt Ion: 76 Resp: 9634

Ion Ratio Lower Upper

76 100

78 13.3 7.0 10.6#





#16
 Methvlene chloride
 Concen: 1.620 ug/L
 RT: 4.90 min Scan# 491
 Delta R.T. -0.02 min
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 Acq: 19 Feb 2020 15:45

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL8

Tot Ion	Ratio	Lower	Upper
84	100		
49	140.0	95.8	177.8
86	46.5	44.2	82.2

