

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016572.D
 Acq On : 17 Sep 2020 14:01
 Operator : SY/VA
 Sample : L4024-13
 Misc : 6.27G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J9

Quant Time: Sep 18 02:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:46:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	642306	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	550355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	173490	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.64%
7) Chloroethane-d5	2.91	69	145569	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.72%
10) 1,1-Dichloroethene-d2	4.03	63	279279	20.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.36%
20) 2-Butanone-d5	7.09	46	66185	39.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.10%
24) Chloroform-d	7.66	84	370612	27.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.32%
26) 1,2-Dichloroethane-d4	8.31	65	183017	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.12%
29) Benzene-d6	8.28	84	731189	29.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.48%
33) 1,2-Dichloropropane-d6	9.28	67	198237	29.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.56%
37) Toluene-d8	10.33	98	692987	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.16%
38) trans-1,3-Dichloropropene-	10.58	79	87173	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.40%
39) 2-Hexanone-d5	10.93	63	53824	44.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132552	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	219150	28.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.20%

Target Compounds

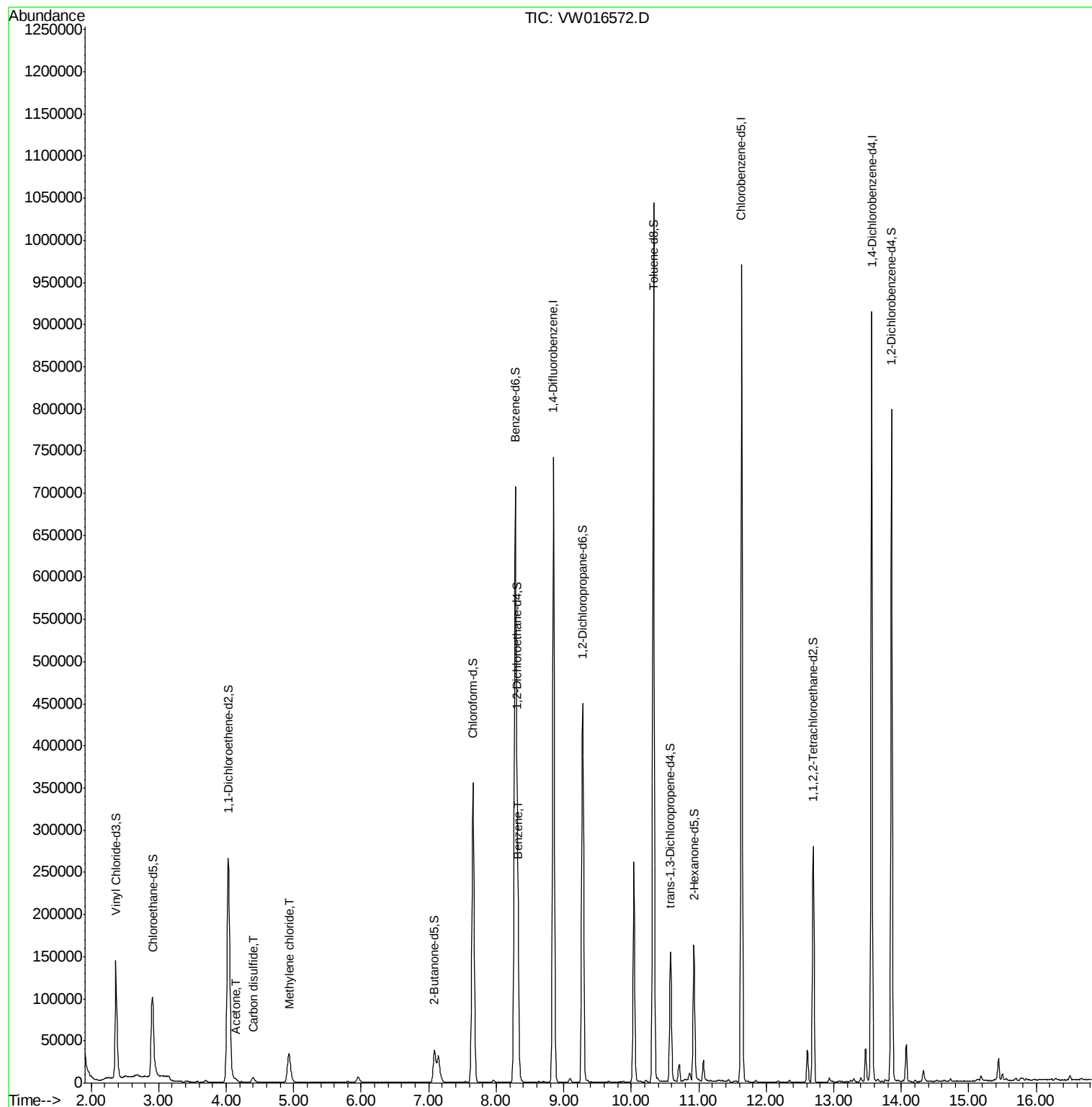
				Ovalue
13) Acetone	4.14	43	5966	4.493 ug/L 82
14) Carbon disulfide	4.40	76	12622	0.514 ug/L 98
16) Methylene chloride	4.93	84	29840	3.012 ug/L 99
34) Benzene	8.33	78	33262	1.128 ug/L 100

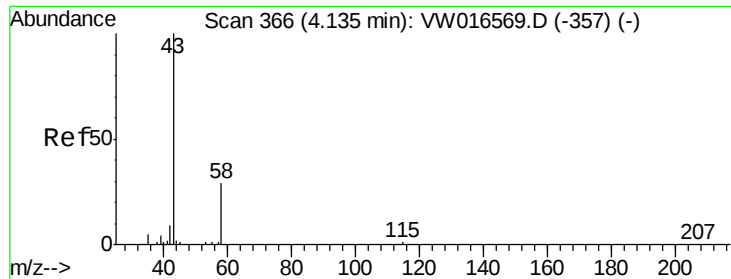
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.493 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016572.D

Acq: 17 Sep 2020 14:01

Instrument :

MSVOA_W

ClientSampled :

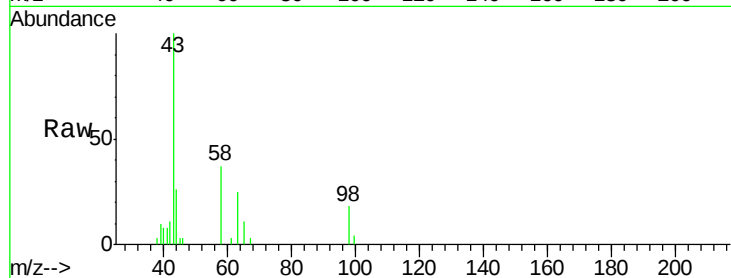
BG3J9

Tot Ion: 43 Resp: 5966

Ion Ratio Lower Upper

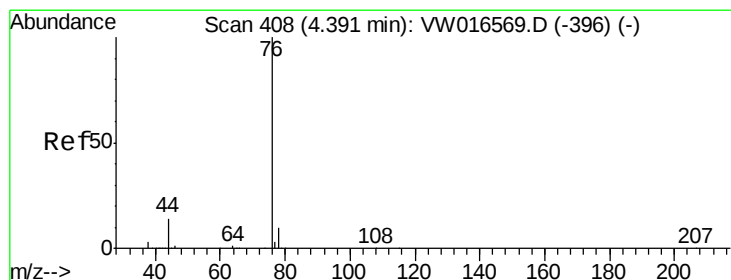
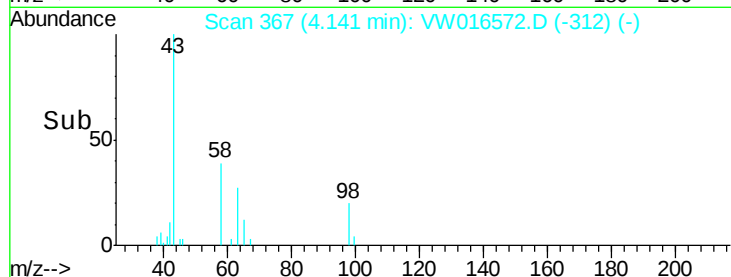
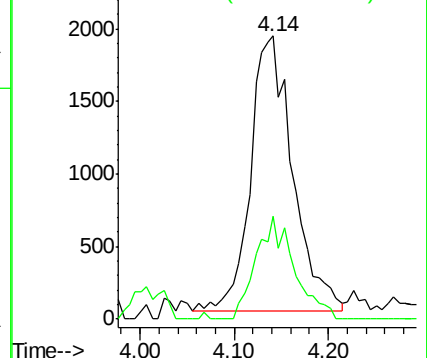
43 100

58 20.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.514 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016572.D

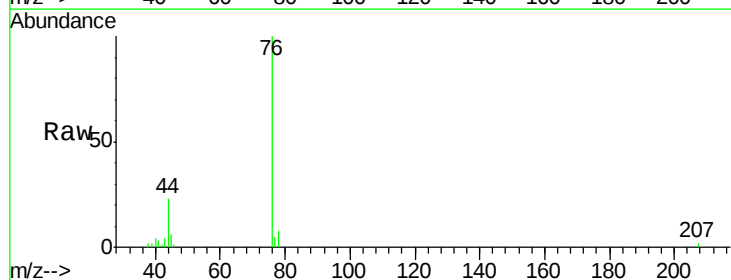
Acq: 17 Sep 2020 14:01

Tgt Ion: 76 Resp: 12622

Ion Ratio Lower Upper

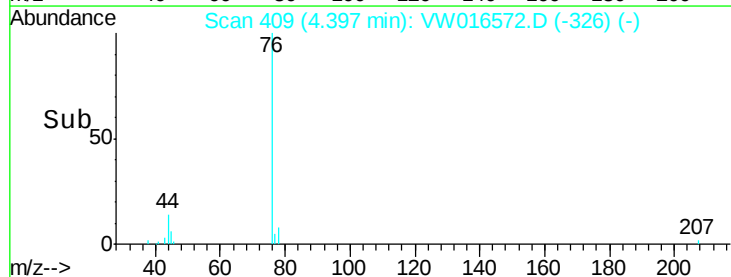
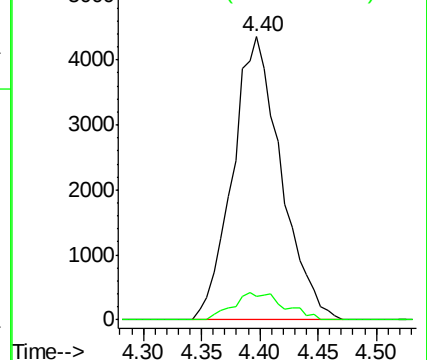
76 100

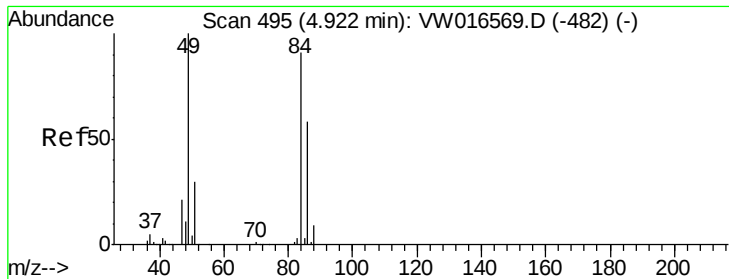
78 8.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

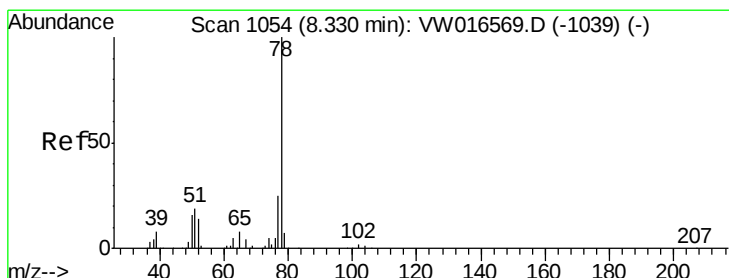
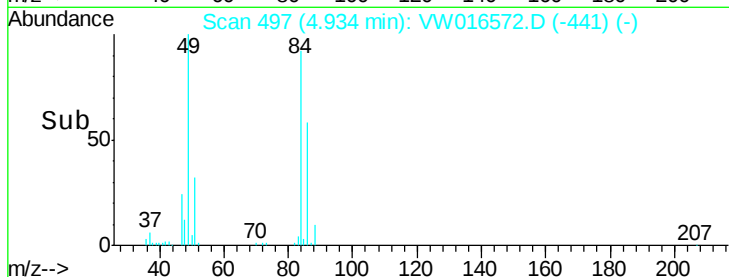
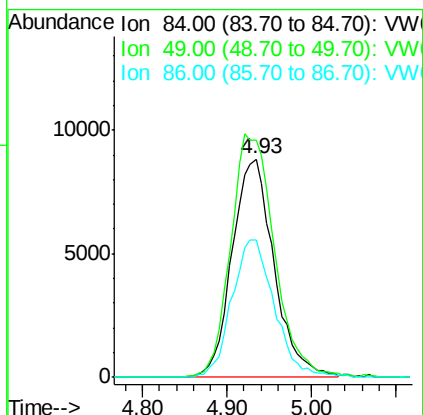
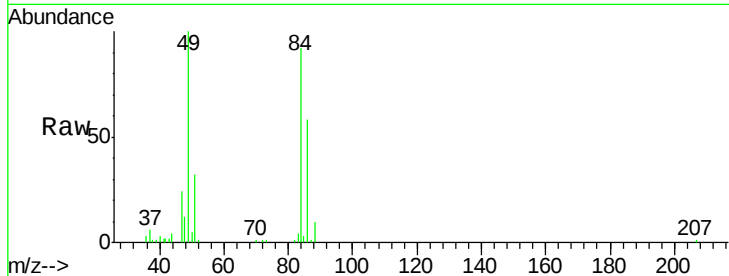




#16
Methvlene chloride
Concen: 3.012 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016572.D
Acq: 17 Sep 2020 14:01

Instrument :
MSVOA_W
ClientSampled :
BG3J9

Tot Ion: 84 Resp: 29840
Ion Ratio Lower Upper
84 100
49 108.4 76.0 141.2
86 62.6 45.6 84.6



#34
Benzene
Concen: 1.128 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW016572.D
Acq: 17 Sep 2020 14:01

Tgt Ion: 78 Resp: 33262

