

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016642.D
 Acq On : 24 Sep 2020 15:38
 Operator : SY/VA
 Sample : L4108-21
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L7

Quant Time: Sep 25 08:21:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	674792	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	565118	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243118	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	156295	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	2.90	69	138583	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
10) 1,1-Dichloroethene-d2	4.03	63	248019	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.09	46	69118	38.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.62%
24) Chloroform-d	7.65	84	370638	26.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	8.31	65	186875	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	8.28	84	726774	28.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.72%
33) 1,2-Dichloropropane-d6	9.28	67	199389	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	10.33	98	677267	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.64%
38) trans-1,3-Dichloropropene-	10.58	79	80364	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.93	63	56337	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137539	23.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	210457	27.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.36%

Target Compounds

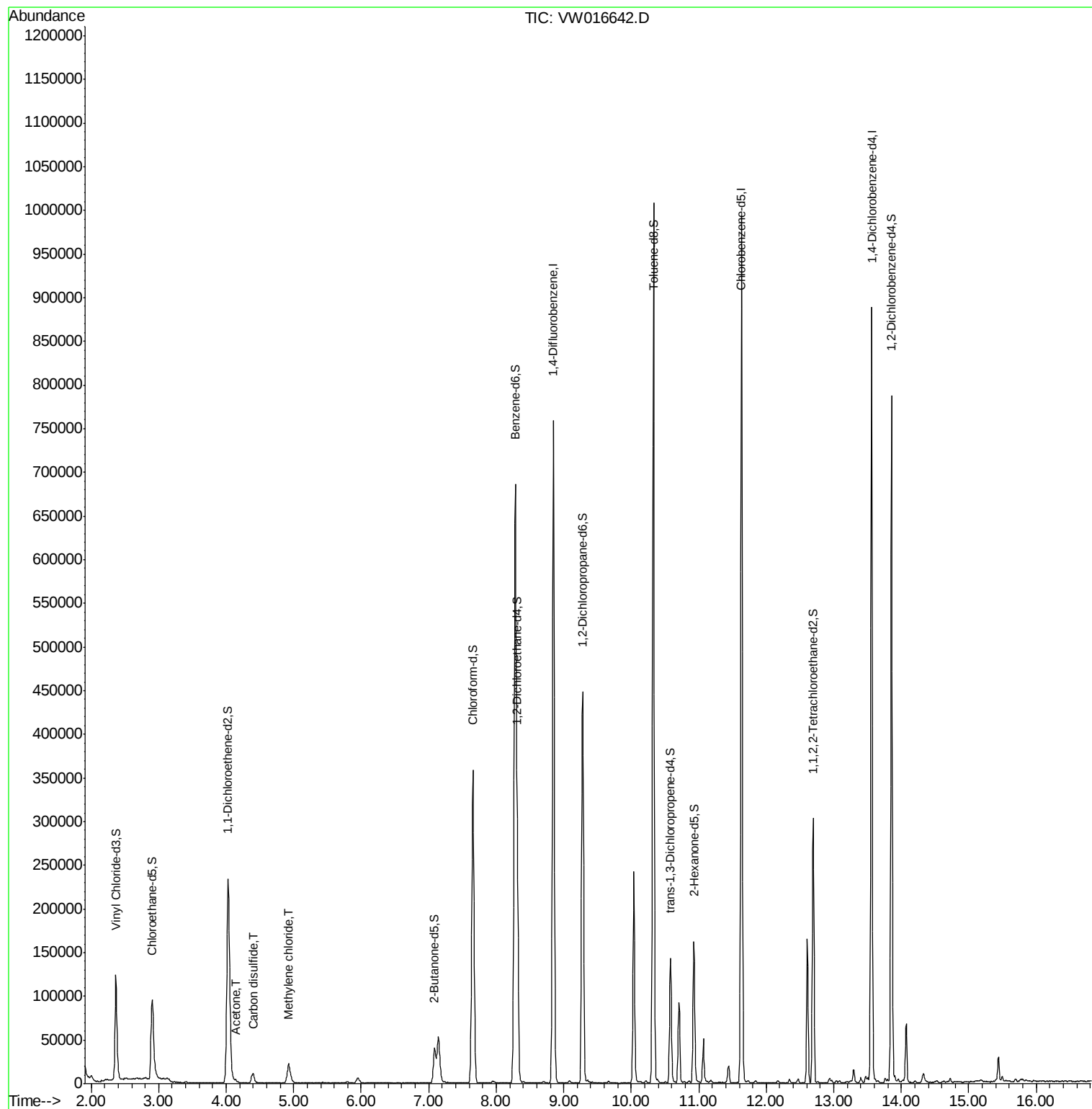
					Ovalue
13) Acetone	4.14	43	4962	3.557 ug/L	84
14) Carbon disulfide	4.40	76	23729	0.920 ug/L	100
16) Methylene chloride	4.93	84	18667	1.794 ug/L	92

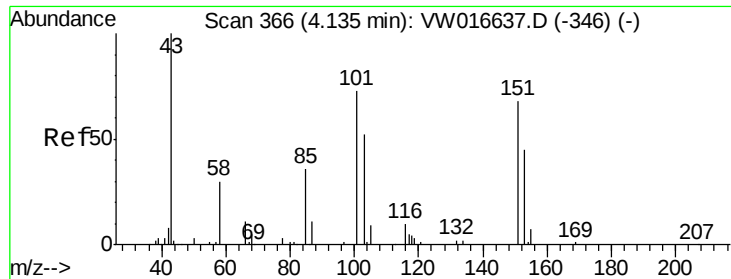
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.557 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016642.D

Acq: 24 Sep 2020 15:38

Instrument :

MSVOA_W

ClientSampleId :

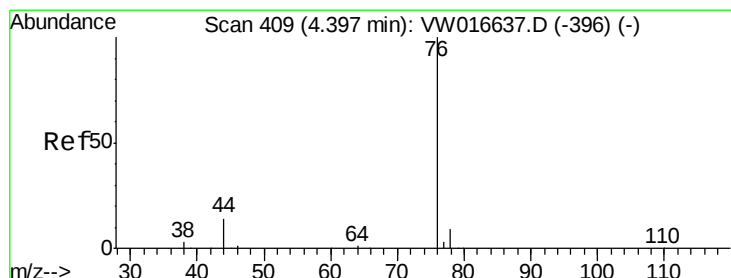
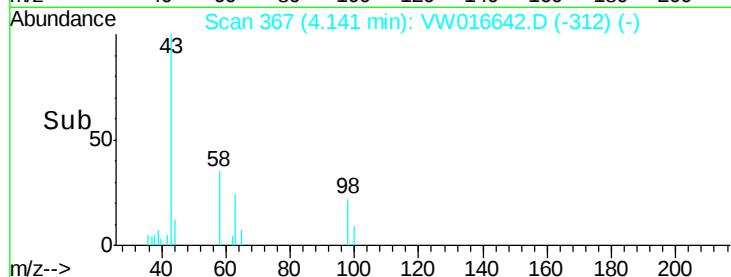
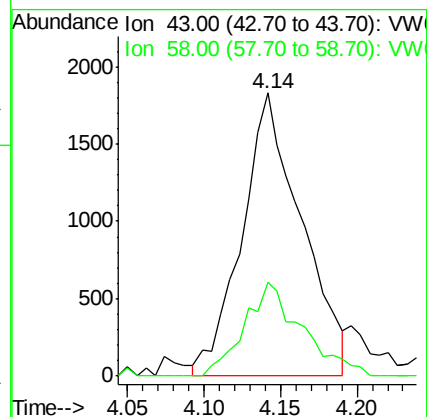
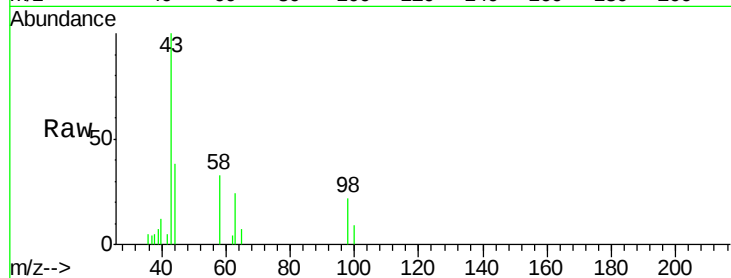
BG3L7

Tot Ion: 43 Resp: 4962

Ion Ratio Lower Upper

43 100

58 21.7 0.0 60.2



#14

Carbon disulfide

Concen: 0.920 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.00 min

Lab File: VW016642.D

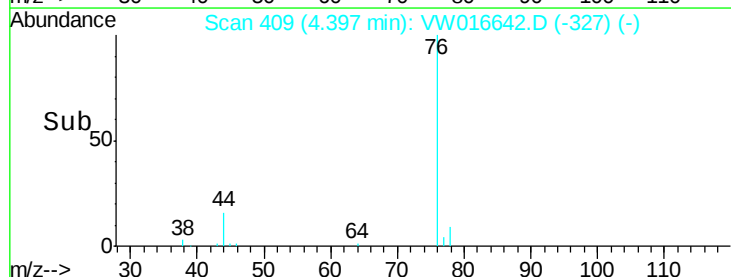
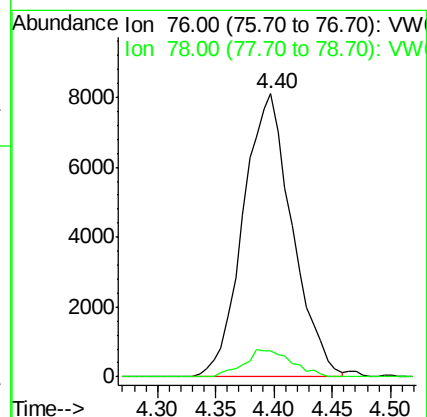
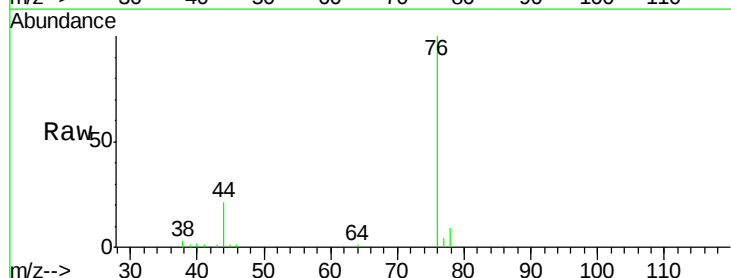
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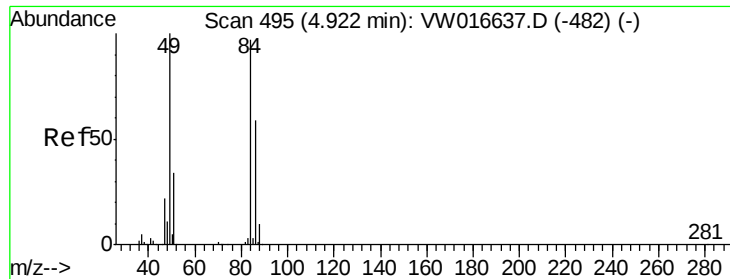
Tgt Ion: 76 Resp: 23729

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#16
 Methvlene chloride
 Concen: 1.794 ug/L
 RT: 4.93 min Scan# 497
 Delta R.T. 0.01 min
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Instrument :
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 BG3L7

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	98.0	76.0	141.2	
86	61.1	45.6	84.6	

