

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016522.D
 Acq On : 10 Sep 2020 14:24
 Operator : SY/VA
 Sample : L3945-13
 Misc : 5.46G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX05

Quant Time: Sep 11 06:15:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	675973	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	599830	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253771	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136843	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	2.90	69	132104	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	4.03	63	206372	12.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.08%
20) 2-Butanone-d5	7.08	46	79017	30.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.70%
24) Chloroform-d	7.66	84	330470	20.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	8.31	65	177253	20.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.88%
29) Benzene-d6	8.28	84	604330	19.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.28%
33) 1,2-Dichloropropane-d6	9.28	67	184900	20.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.56%
37) Toluene-d8	10.33	98	559120	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.16%
38) trans-1,3-Dichloropropene-	10.58	79	83518	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.92%
39) 2-Hexanone-d5	10.93	63	59617	32.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147669	19.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	193103	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

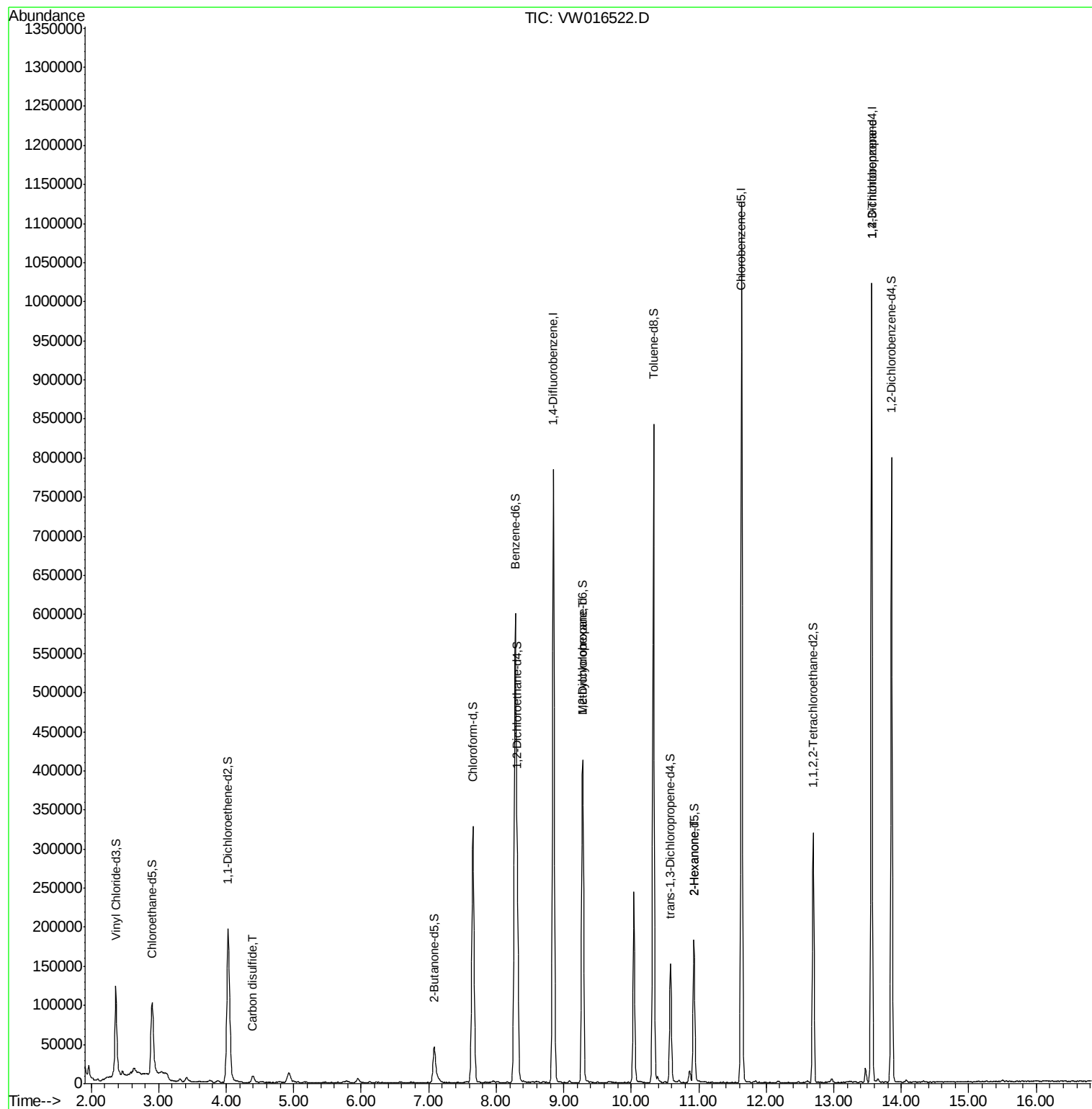
					Ovalue
14) Carbon disulfide	4.39	76	18278	0.718 ug/L	99
36) Methylvclvclohexane	9.28	83	47847	3.009 ug/L #	19
49) 2-Hexanone	10.93	43	8762	2.191 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	34761	6.071 ug/L	90

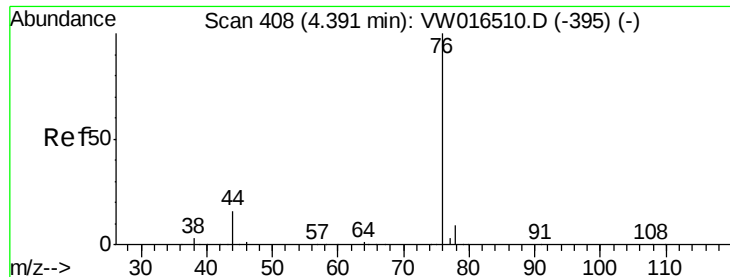
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.718 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016522.D

Acq: 10 Sep 2020 14:24

Instrument :

MSVOA_W

ClientSampled :

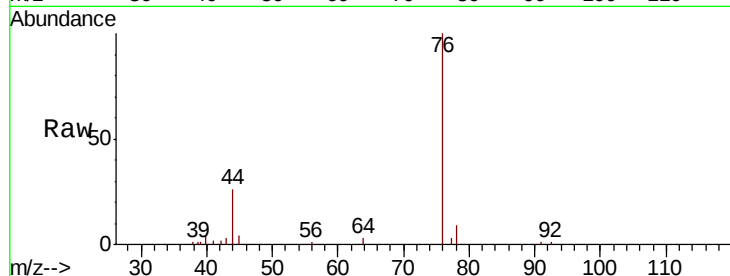
BFX05

Tot Ion: 76 Resp: 18278

Ion Ratio Lower Upper

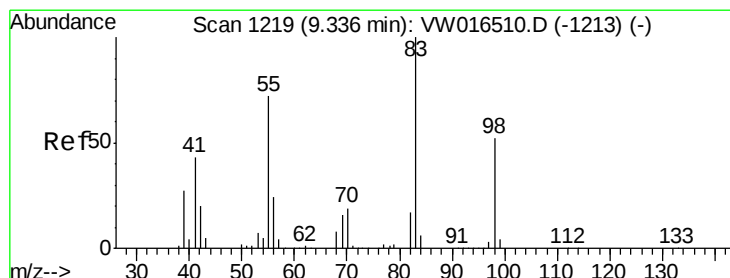
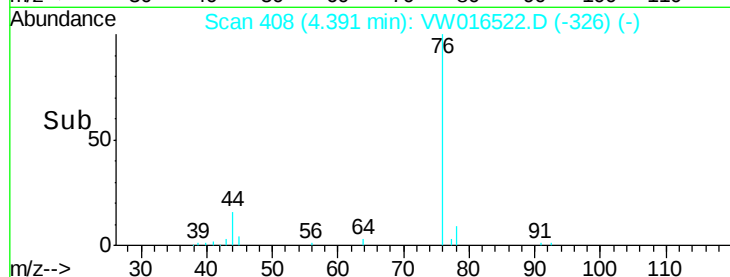
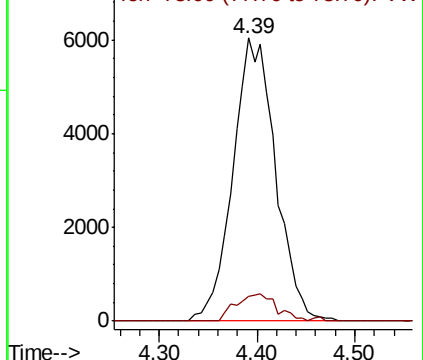
76 100

78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 3.009 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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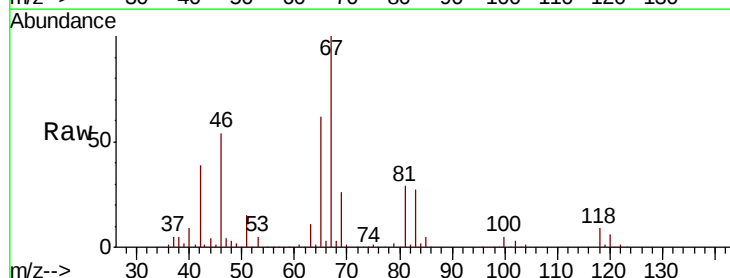
Tgt Ion: 83 Resp: 47847

Ion Ratio Lower Upper

83 100

55 0.3 60.9 91.3#

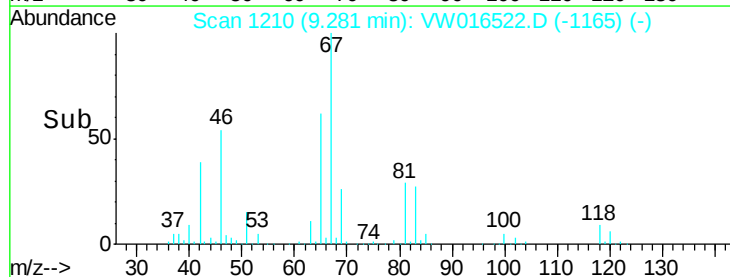
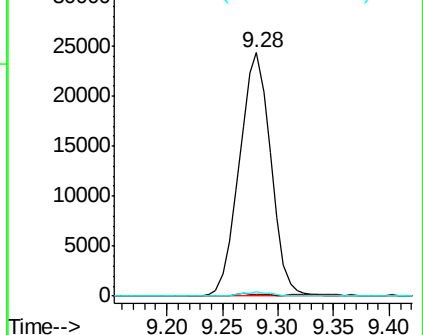
98 1.6 40.0 60.0#

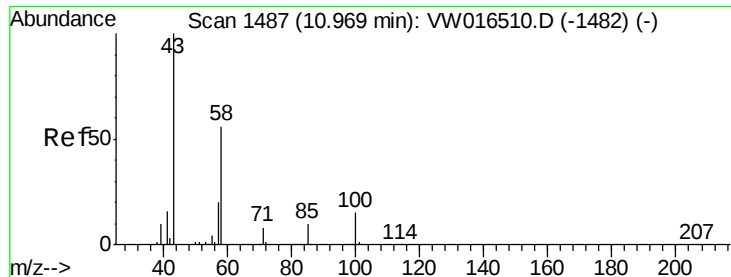


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#49

2-Hexanone

Concen: 2.191 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

BFX05

Tot Ion: 43 Resp: 8762

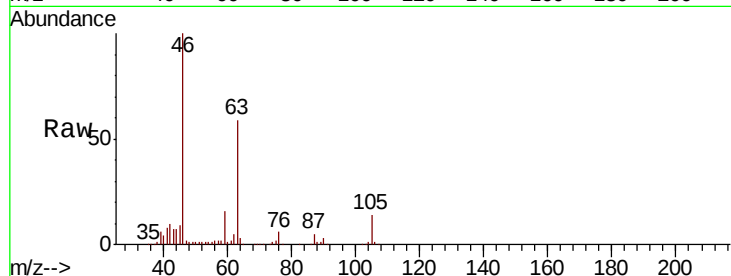
Ion Ratio Lower Upper

43 100

58 25.7 42.1 63.1#

57 20.7 14.9 22.3

100 0.0 10.3 15.5#

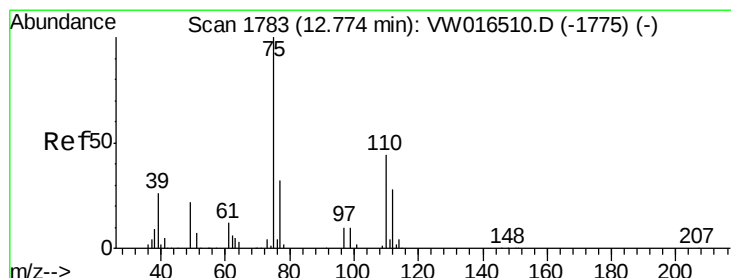
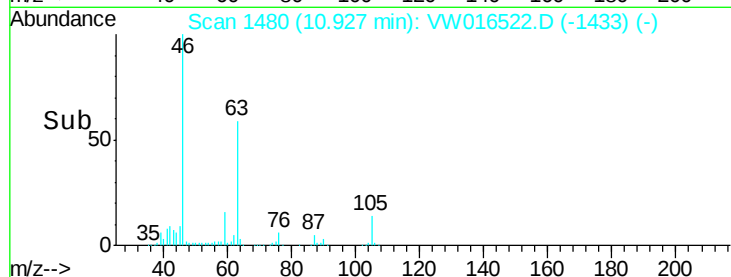
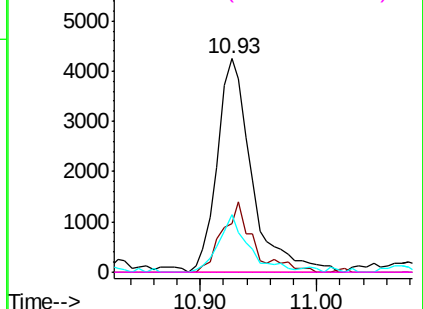


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.071 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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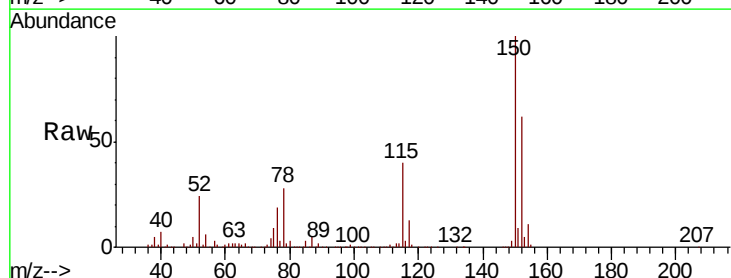
Acq: 10 Sep 2020 14:24

Tgt Ion: 75 Resp: 34761

Ion Ratio Lower Upper

75 100

77 37.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

