

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016548.D
 Acq On : 11 Sep 2020 14:40
 Operator : SY/VA
 Sample : L3957-01RE
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 02:18:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	524793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	141943	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.90	69	138334	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.03	63	209975	13.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.20%
20) 2-Butanone-d5	7.08	46	74129	30.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.46%
24) Chloroform-d	7.65	84	335585	22.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	8.31	65	174740	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	8.27	84	595736	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.28	67	181353	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.32	98	528597	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.40%
38) trans-1,3-Dichloropropene-	10.58	79	78668	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.93	63	53351	33.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137066	20.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	150225	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

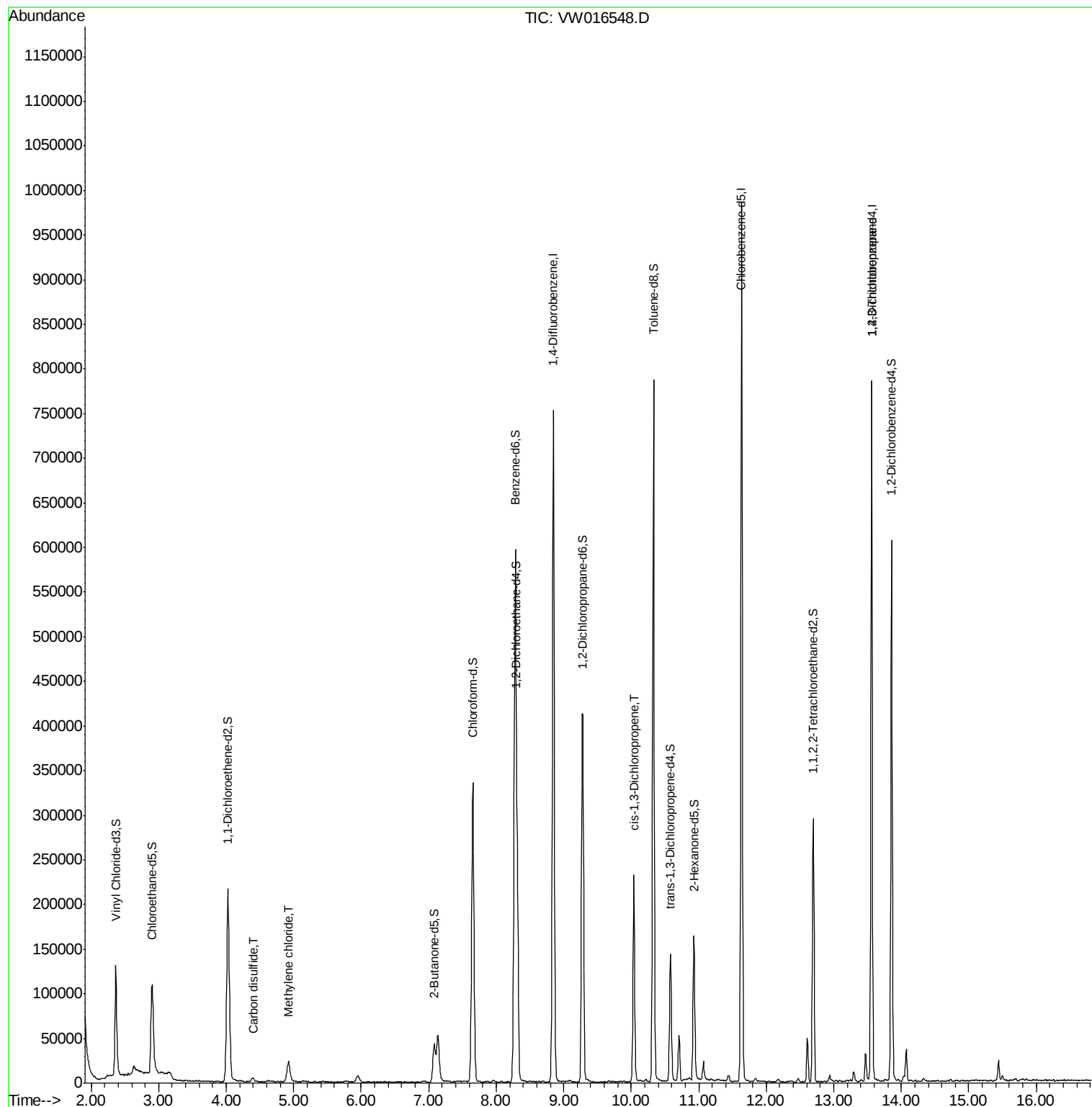
					Ovalue
14) Carbon disulfide	4.40	76	5505	0.226 ug/L #	82
16) Methylene chloride	4.92	84	17652	1.748 ug/L	88
42) cis-1,3-Dichloropropene	10.04	75	6986	0.580 ug/L #	79
59) 1,2,3-Trichloropropane	13.56	75	26458	5.281 ug/L	89

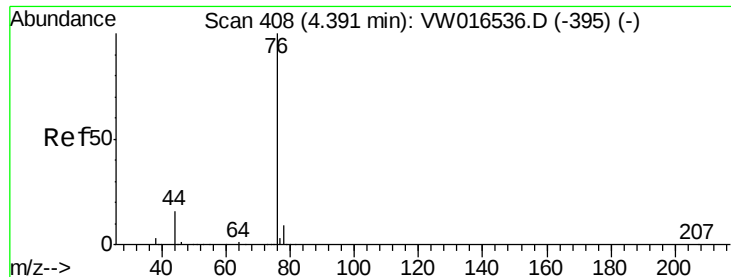
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.226 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016548.D

Acq: 11 Sep 2020 14:40

Instrument :

MSVOA_W

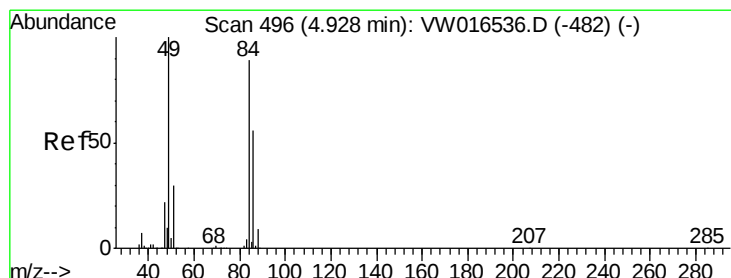
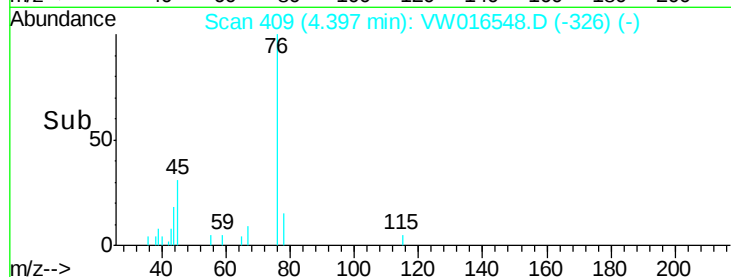
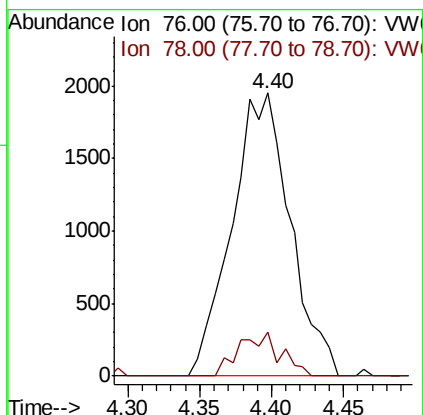
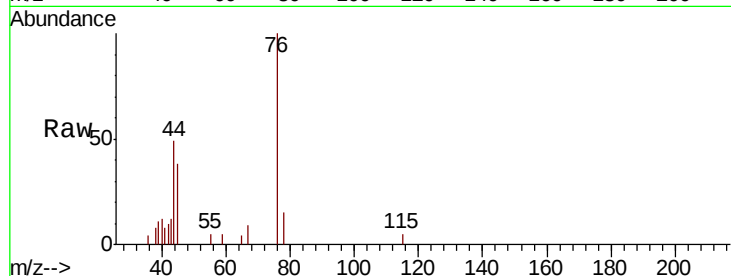
ClientSampled :

Tot Ion: 76 Resp: 5505

Ion Ratio Lower Upper

76 100

78 15.5 7.3 10.9#



#16

Methylene chloride

Concen: 1.748 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

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Acq: 11 Sep 2020 14:40

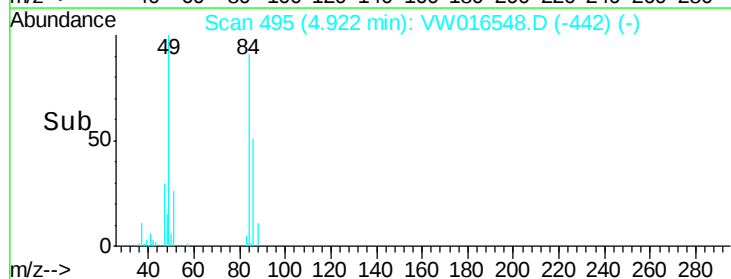
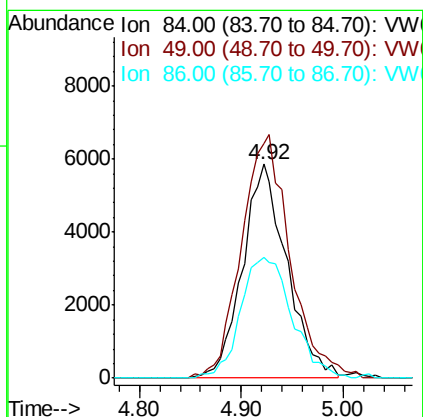
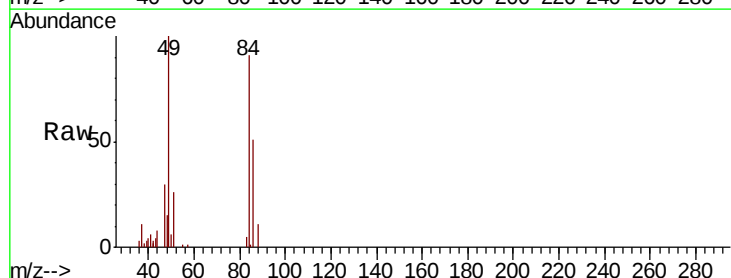
Tgt Ion: 84 Resp: 17652

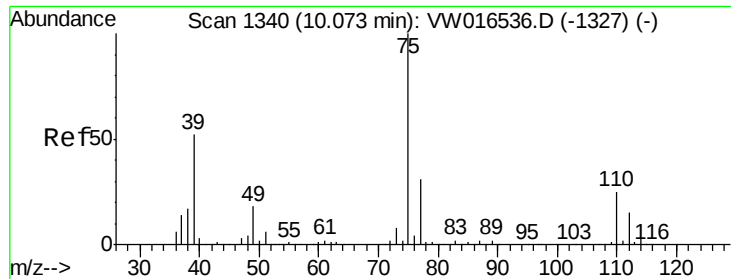
Ion Ratio Lower Upper

84 100

49 109.4 86.7 160.9

86 56.2 44.9 83.5





#42

cis-1,3-Dichloropropene

Concen: 0.580 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016548.D

Acq: 11 Sep 2020 14:40

Instrument :

MSVOA_W

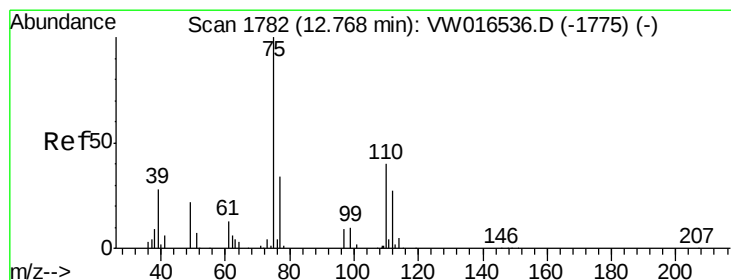
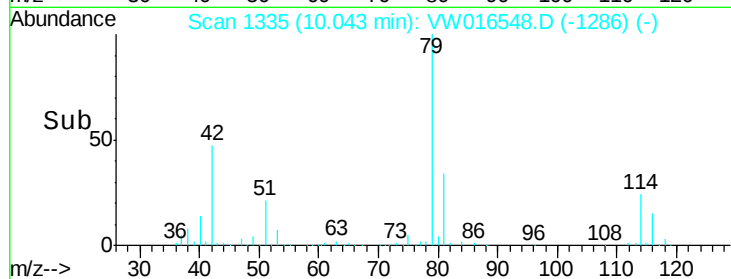
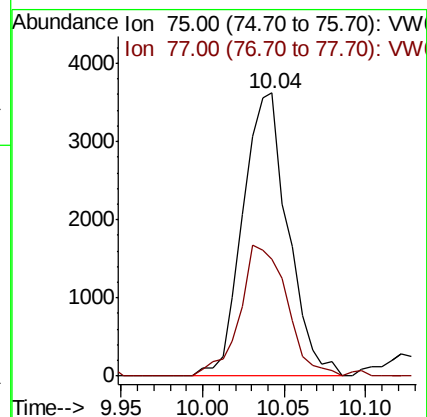
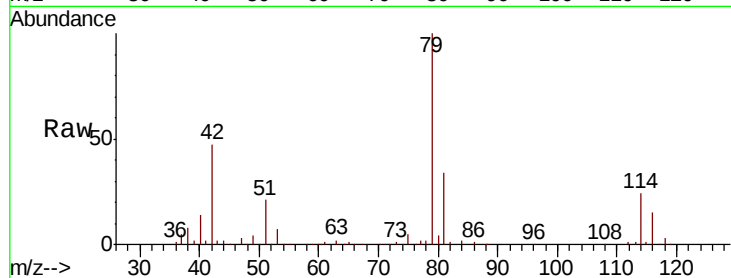
ClientSampled :

Tot Ion: 75 Resp: 6986

Ion Ratio Lower Upper

75 100

77 41.2 20.9 38.7#



#59

1,2,3-Trichloropropane

Concen: 5.281 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016548.D

Acq: 11 Sep 2020 14:40

Tgt Ion: 75 Resp: 26458

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0

