

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091020\NOT REVIEWED DATA\
 Data File : VW016531.D
 Acq On : 10 Sep 2020 17:57
 Operator : SY/VA
 Sample : L3957-03
 Misc : 6.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ0

Quant Time: Sep 11 11:42:55 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	619988	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	543964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	231001	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	118497	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
7) Chloroethane-d5	2.90	69	116435	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
10) 1,1-Dichloroethene-d2	4.03	63	173609	11.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.92%
20) 2-Butanone-d5	7.09	46	65696	27.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.94%
24) Chloroform-d	7.65	84	283722	19.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	8.31	65	147889	18.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.48%
29) Benzene-d6	8.28	84	514230	18.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.40%
33) 1,2-Dichloropropane-d6	9.28	67	152571	18.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.12%
37) Toluene-d8	10.33	98	469835	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.52%
38) trans-1,3-Dichloropropene-	10.58	79	70666	17.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.96%
39) 2-Hexanone-d5	10.93	63	52582	31.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121491	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	171076	21.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.72%

Target Compounds

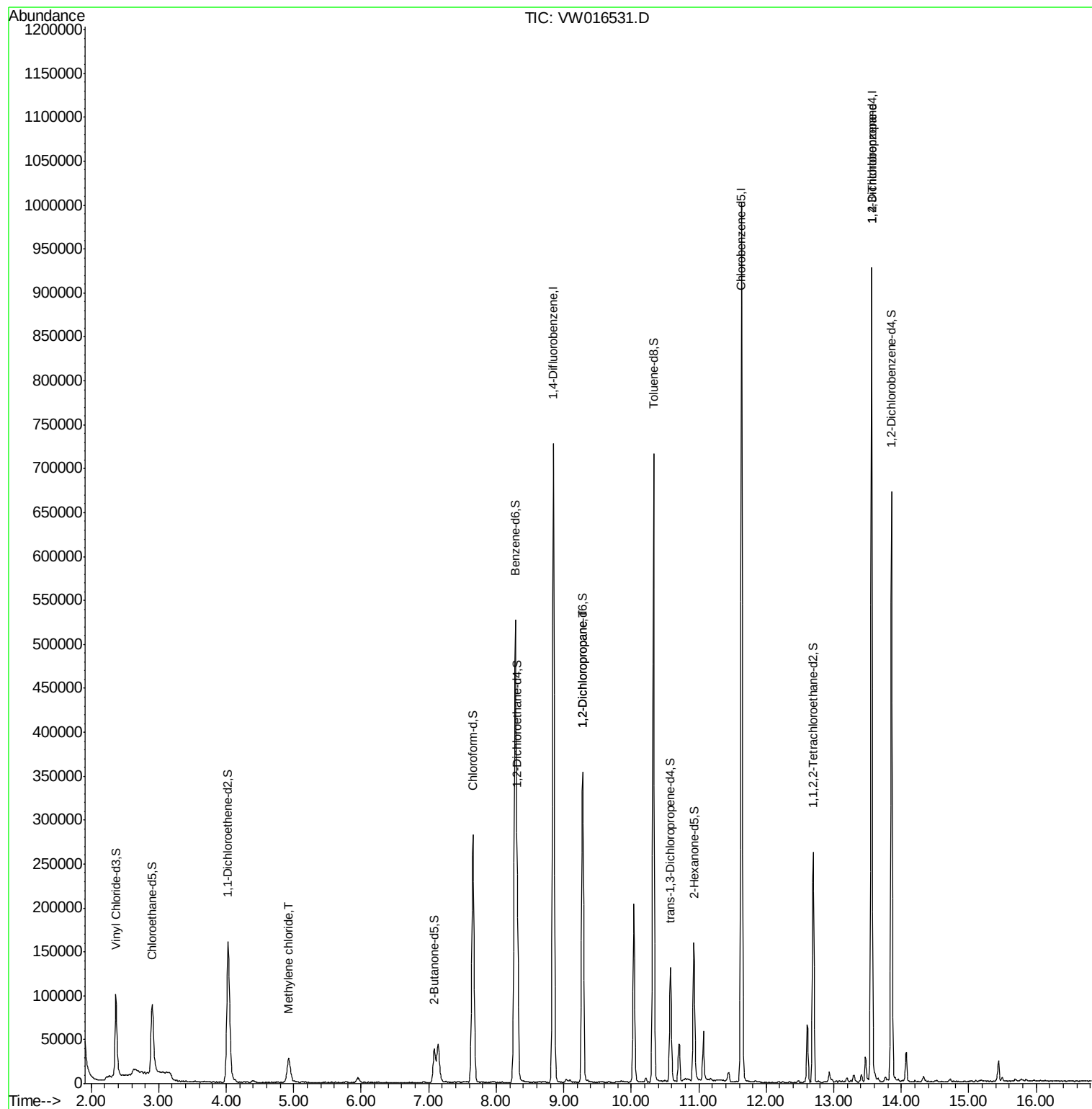
					Qvalue
16) Methylene chloride	4.92	84	24137	2.495 ug/L	97
40) 1,2-Dichloropropane	9.28	63	18742	2.549 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	30983	5.967 ug/L	91

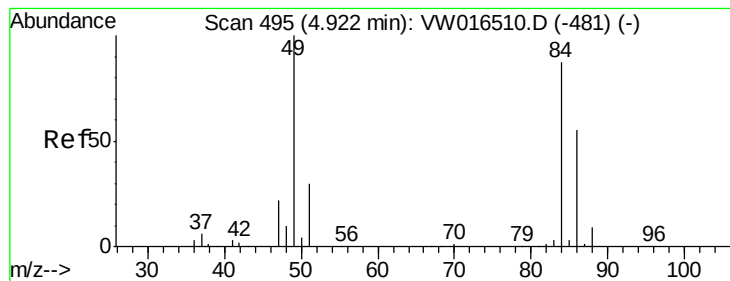
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.495 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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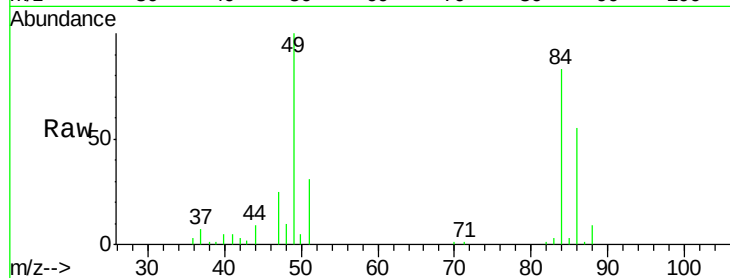
Tgt Ion: 84 Resp: 24137

Ion Ratio Lower Upper

84 100

49 119.8 86.7 160.9

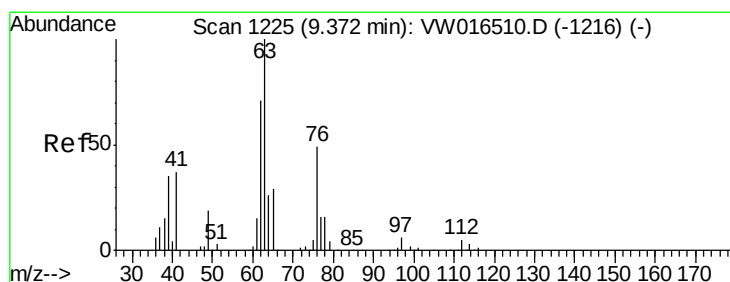
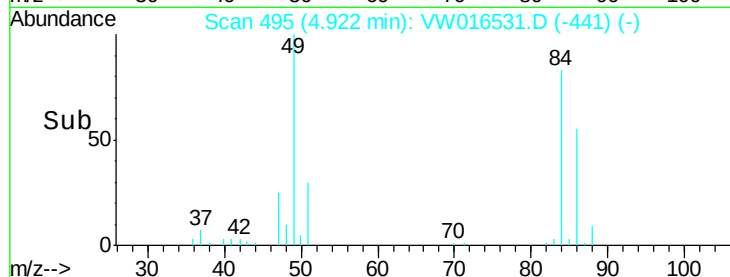
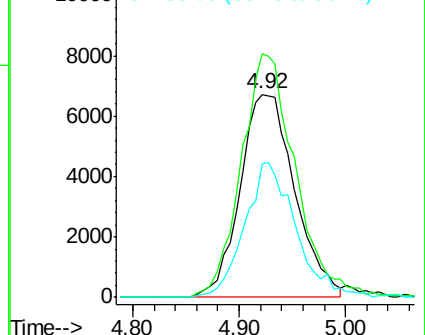
86 65.6 44.9 83.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#40

1,2-Dichloropropane

Concen: 2.549 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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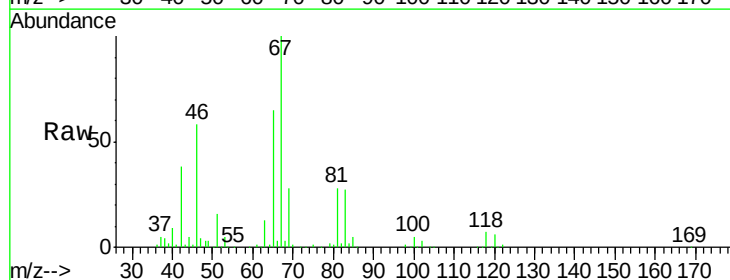
Acq: 10 Sep 2020 17:57

Tgt Ion: 63 Resp: 18742

Ion Ratio Lower Upper

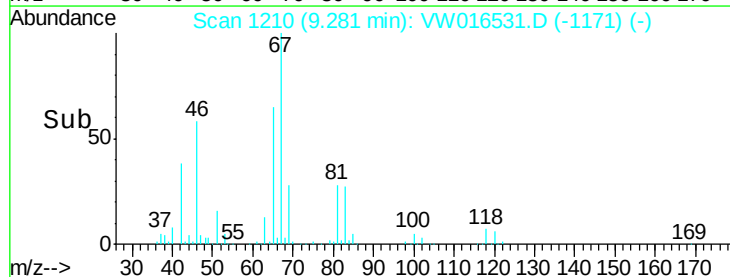
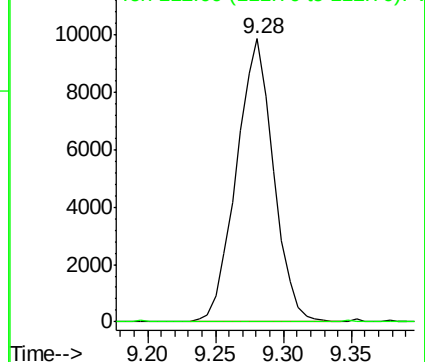
63 100

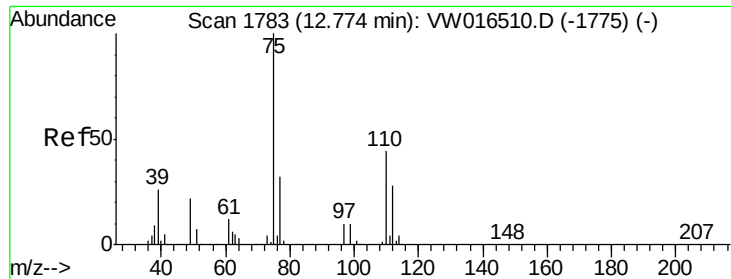
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.967 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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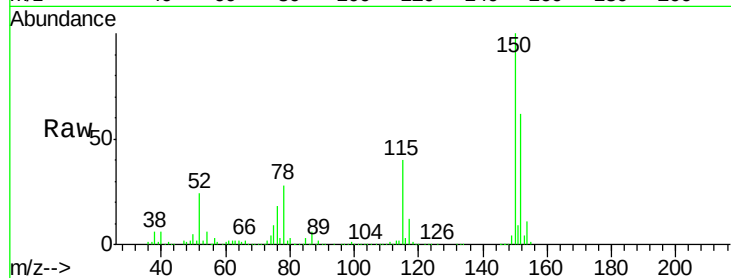
BFWQ0

Tgt Ion: 75 Resp: 30983

Ion Ratio Lower Upper

75 100

77 37.3 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

