

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017545.D
 Acq On : 04 Dec 2020 10:56
 Operator : SY/VA
 Sample : VW1204SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK13

Quant Time: Dec 05 07:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	408858	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188105	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131550	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
7) Chloroethane-d5	2.90	69	108035	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
10) 1,1-Dichloroethene-d2	4.14	63	333	0.03	ug/L	0.11
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	7.08	46	71691	60.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.56%
24) Chloroform-d	7.65	84	298171	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	165465	28.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.24%
29) Benzene-d6	8.28	84	573035	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
33) 1,2-Dichloropropane-d6	9.27	67	169886	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	10.33	98	524500	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.84%
38) trans-1,3-Dichloropropene-	10.58	79	75143	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	10.93	63	45096	54.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135817	28.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	189707	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

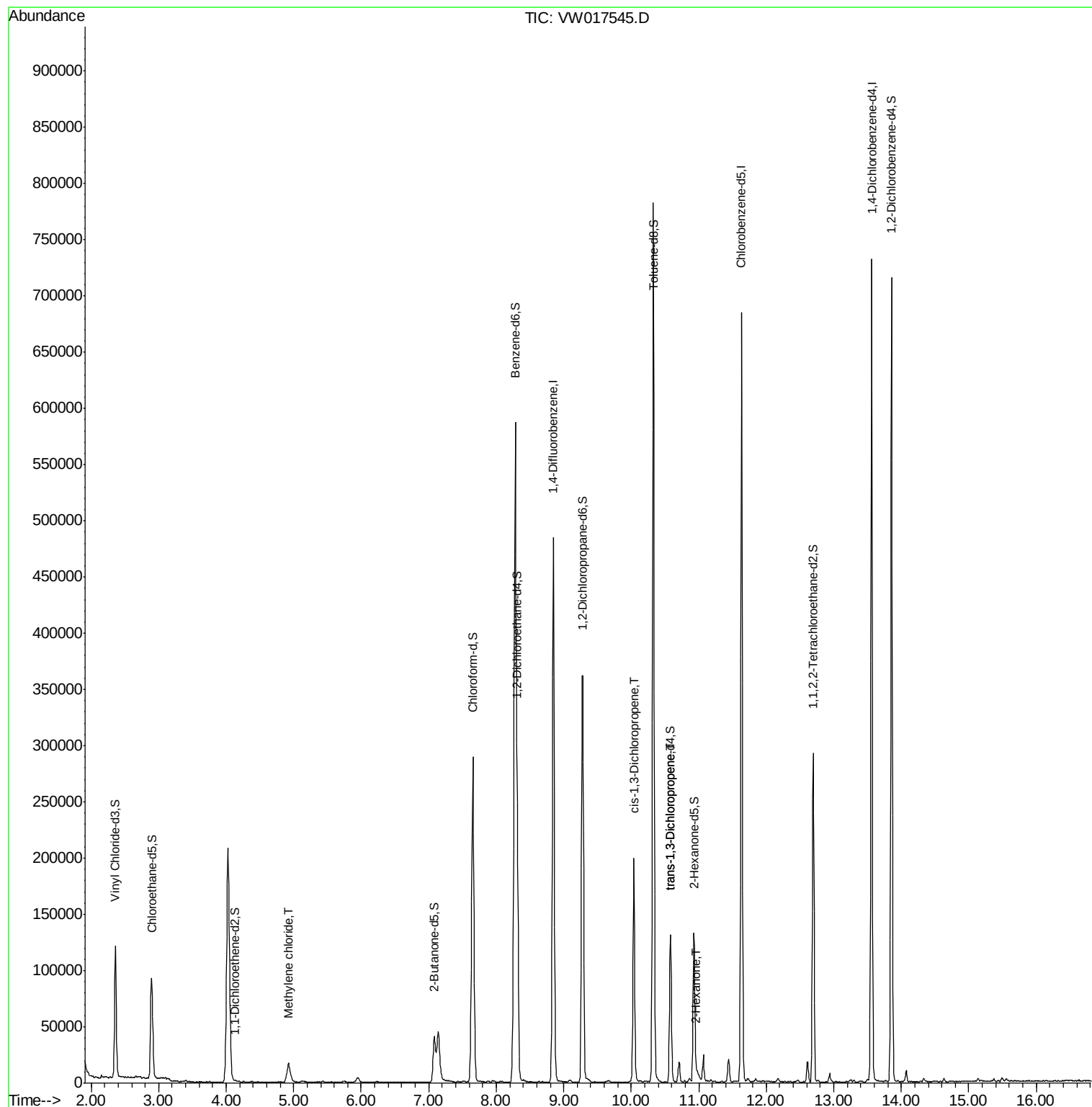
					Ovalue
16) Methylene chloride	4.93	84	13325	2.161 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	5775	0.689 ug/L #	63
45) trans-1,3-Dichloropropene	10.59	75	4469	0.620 ug/L	95
49) 2-Hexanone	10.97	43	1574	0.856 ug/L #	80

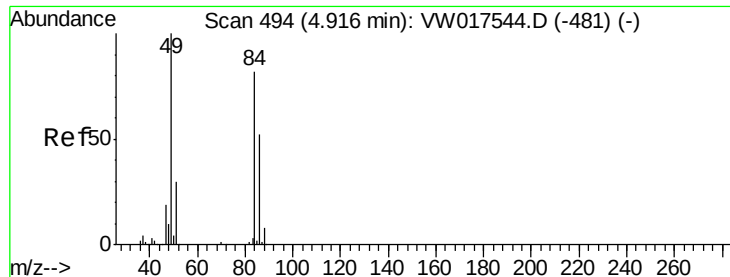
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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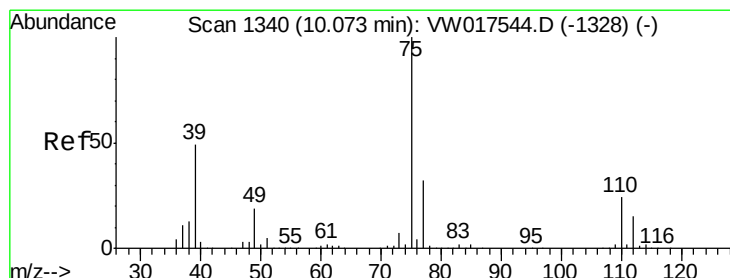
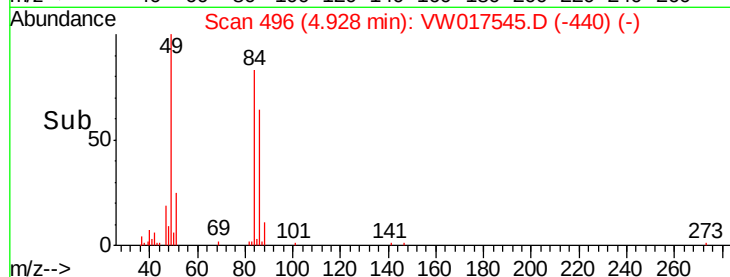
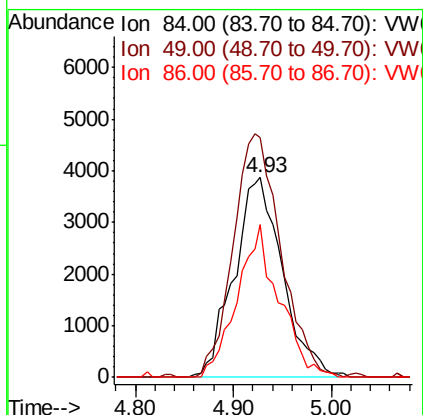
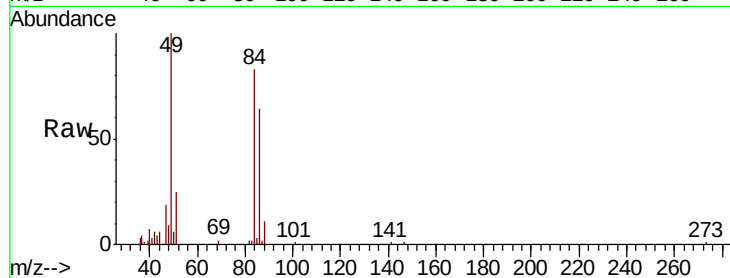




#16
Methylene chloride
Concen: 2.161 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017545.D
Acq: 04 Dec 2020 10:56

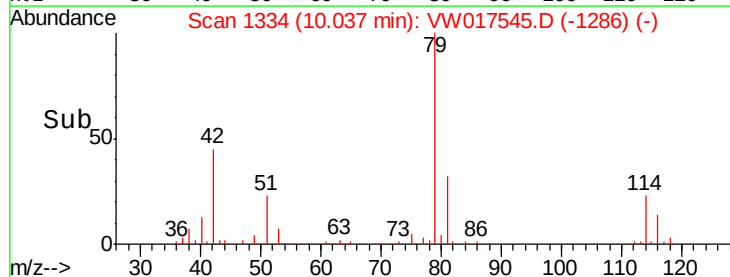
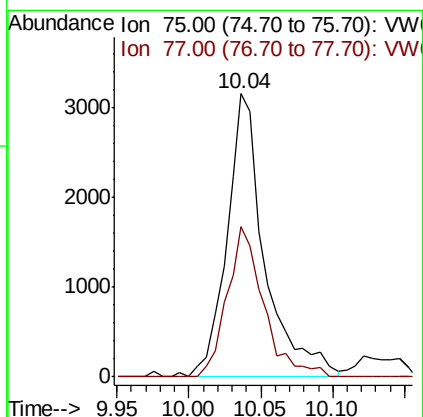
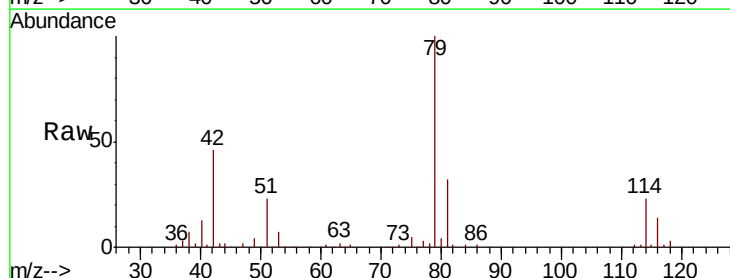
Instrument :
MSVOA_W
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VBLK13

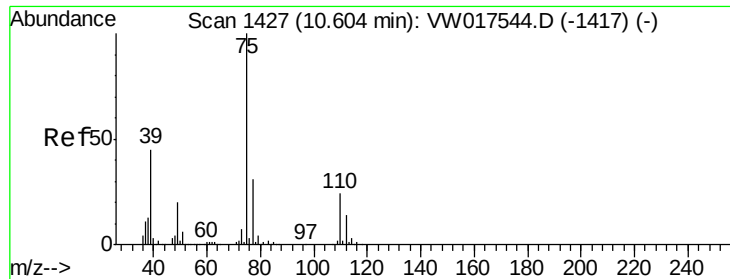
Tot Ion: 84 Resp: 13325
Ion Ratio Lower Upper
84 100
49 119.9 81.2 150.8
86 76.2 44.5 82.7



#42
cis-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017545.D
Acq: 04 Dec 2020 10:56

Tgt Ion: 75 Resp: 5775
Ion Ratio Lower Upper
75 100
77 53.1 22.7 42.3#





#45

trans-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017545.D

Acq: 04 Dec 2020 10:56

Instrument :

MSVOA_W

ClientSampleId :

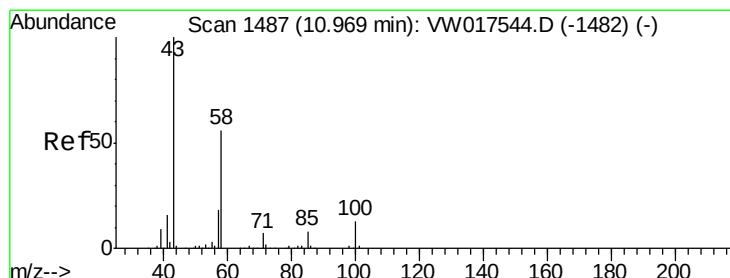
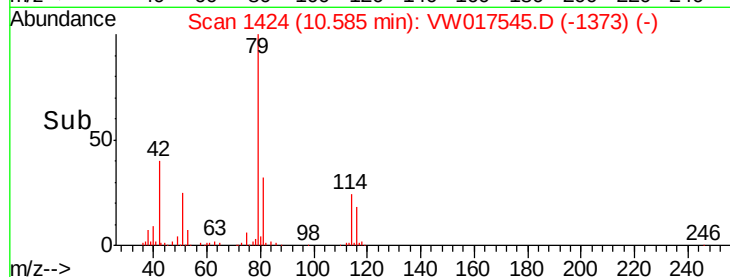
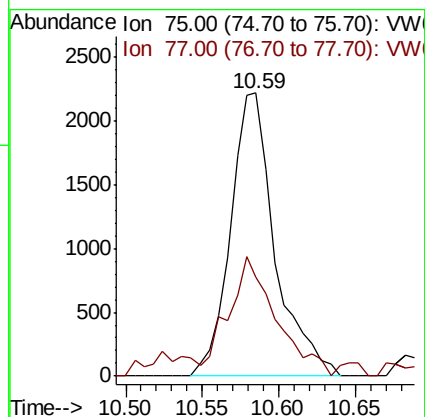
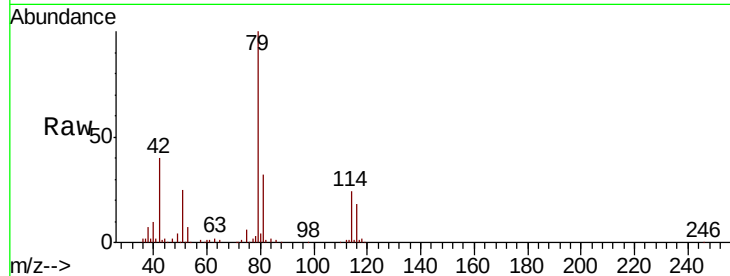
VBLK13

Tot Ion: 75 Resp: 4469

Ion Ratio Lower Upper

75 100

77 35.1 22.6 42.0



#49

2-Hexanone

Concen: 0.856 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017545.D

Acq: 04 Dec 2020 10:56

Tgt Ion: 43 Resp: 1574

Ion Ratio Lower Upper

43 100

58 52.4 51.3 76.9

57 0.0 15.0 22.6#

100 10.5 12.2 18.2#

