

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060320\
 Data File : VW015533.D
 Acq On : 03 Jun 2020 12:43
 Operator : SY/VA
 Sample : L2848-01RE
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 06:37:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 06:35:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373560	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115288	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92096	26.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.60%
7) Chloroethane-d5	2.90	69	89706	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.40%
10) 1,1-Dichloroethene-d2	4.01	63	146031	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	7.08	46	38841	34.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.50%
24) Chloroform-d	7.65	84	196452	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	104577	21.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.04%
29) Benzene-d6	8.27	84	393932	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	9.27	67	115224	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.32	98	363390	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.92%
38) trans-1,3-Dichloropropene-	10.58	79	42802	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.56%
39) 2-Hexanone-d5	10.93	63	32783	41.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69750	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	90392	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

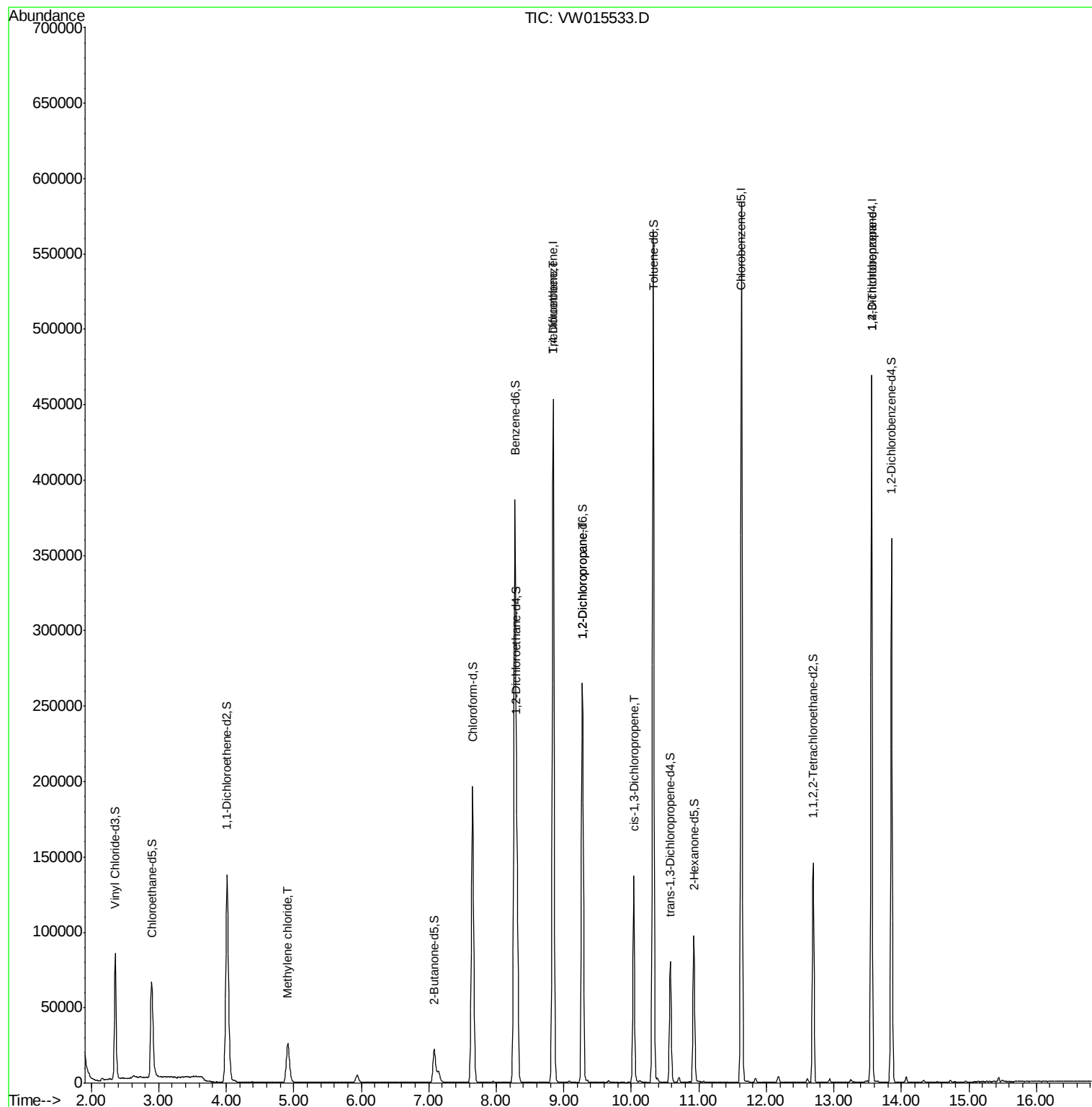
					Ovalue
16) Methylene chloride	4.91	84	20481	4.467 ug/L	95
35) Trichloroethene	8.84	95	11837	2.557 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	14408	3.395 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3503	0.516 ug/L #	54
59) 1,2,3-Trichloropropane	13.56	75	15171	5.820 ug/L	90

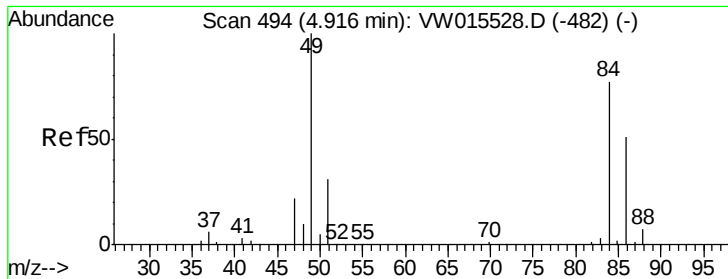
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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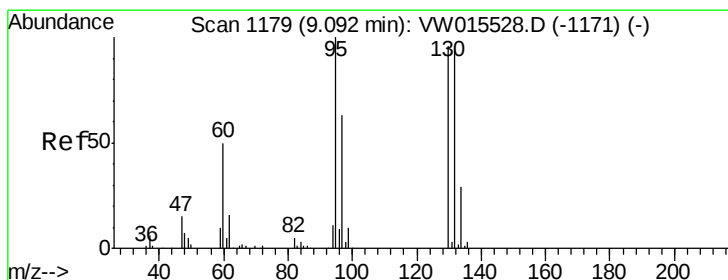
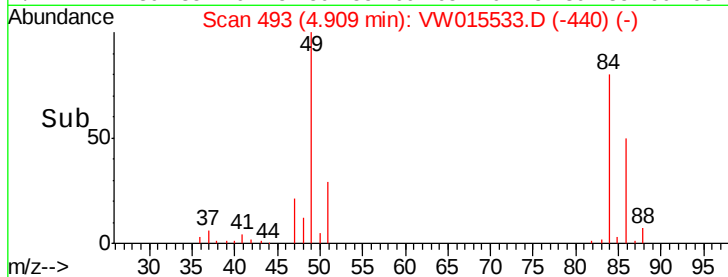
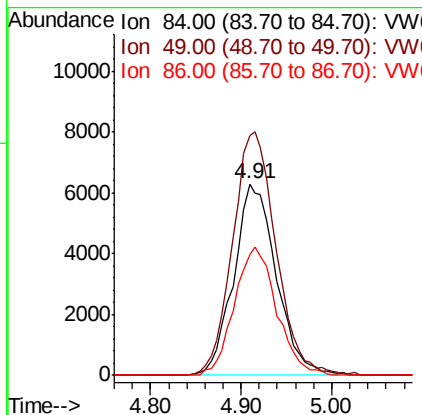
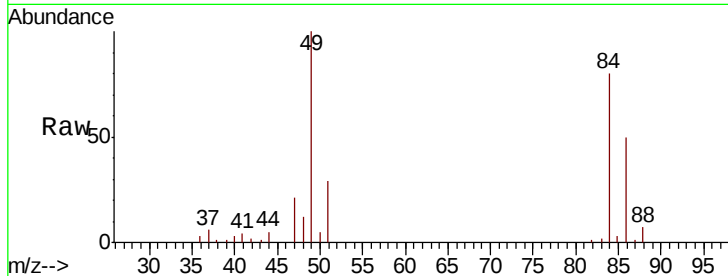




#16
Methylene chloride
Concen: 4.467 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015533.D
Acq: 03 Jun 2020 12:43

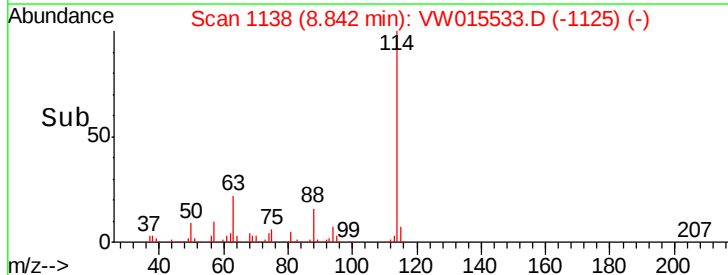
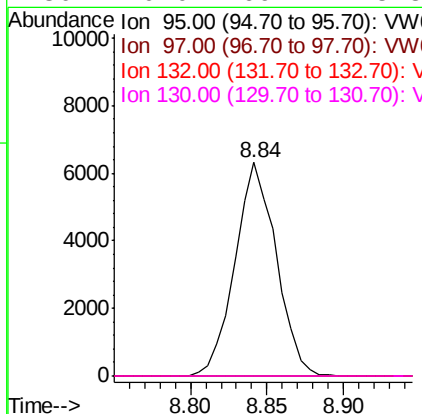
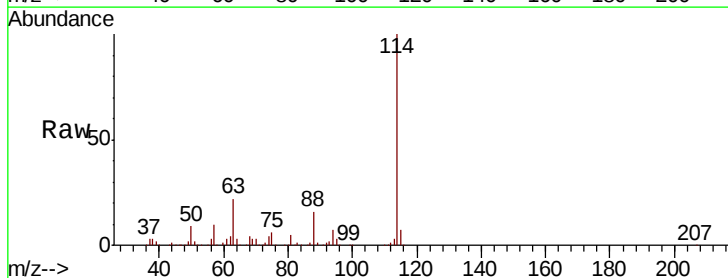
Instrument :
MSVOA_W
ClientSampled :

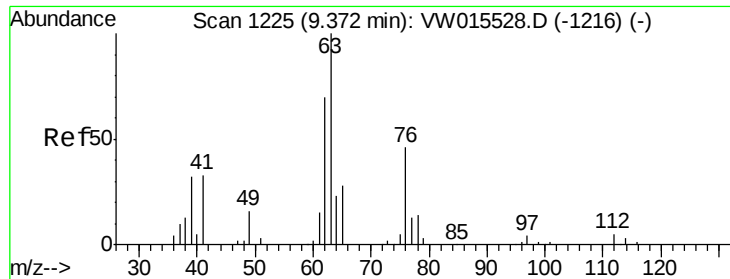
Tot Ion: 84 Resp: 20481
Ion Ratio Lower Upper
84 100
49 125.5 93.0 172.8
86 62.8 44.7 83.1



#35
Trichloroethene
Concen: 2.557 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015533.D
Acq: 03 Jun 2020 12:43

Tgt Ion: 95 Resp: 11837
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.2#
132 0.0 67.1 124.7#
130 0.0 69.4 128.8#

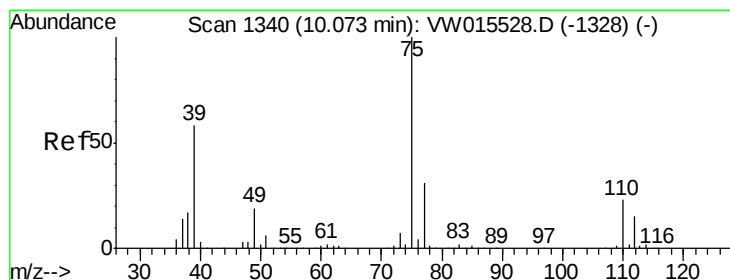
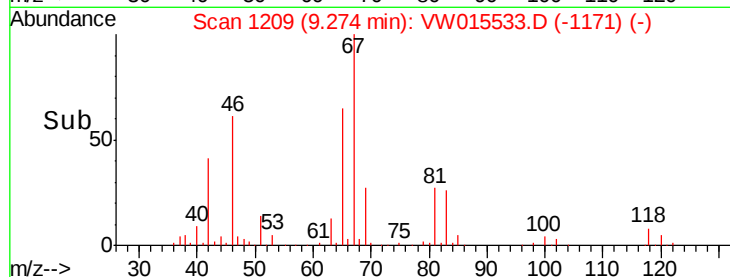
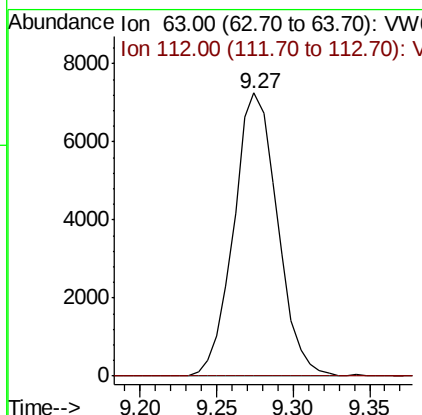
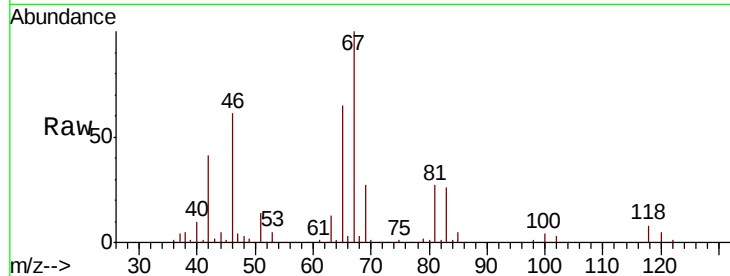




#40
 1,2-Dichloropropane
 Concen: 3.395 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015533.D
 Acq: 03 Jun 2020 12:43

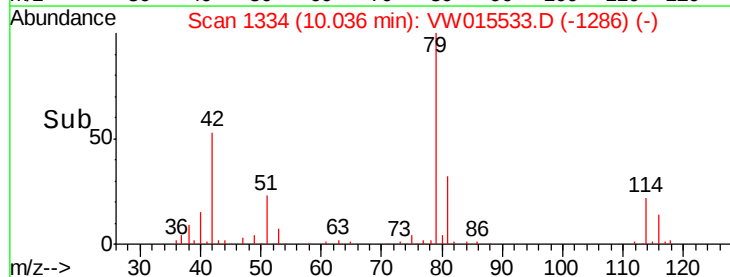
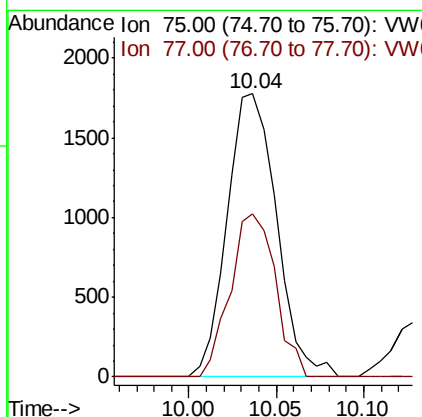
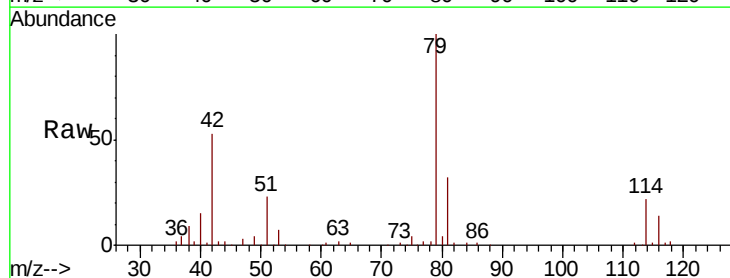
Instrument :
 MSVOA_W
 ClientSampleId :

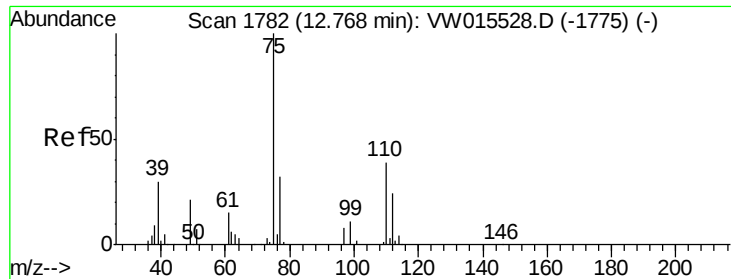
Tot Ion: 63 Resp: 14408
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.516 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015533.D
 Acq: 03 Jun 2020 12:43

Tgt Ion: 75 Resp: 3503
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.820 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015533.D

Acq: 03 Jun 2020 12:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 15171

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9

