

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015903.D
 Acq On : 22 Jul 2020 12:24
 Operator : SY/VA
 Sample : L3341-06
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jul 23 03:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	417269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385944	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125377	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
7) Chloroethane-d5	2.90	69	107818	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	4.01	63	196071	16.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.88%
20) 2-Butanone-d5	7.09	46	64712	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
24) Chloroform-d	7.65	84	258041	22.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	8.31	65	142169	22.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.40%
29) Benzene-d6	8.28	84	521931	22.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.88%
33) 1,2-Dichloropropane-d6	9.28	67	155900	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.56%
37) Toluene-d8	10.33	98	468012	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	10.58	79	58653	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.16%
39) 2-Hexanone-d5	10.93	63	47549	40.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114228	21.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	153011	23.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.80%

Target Compounds

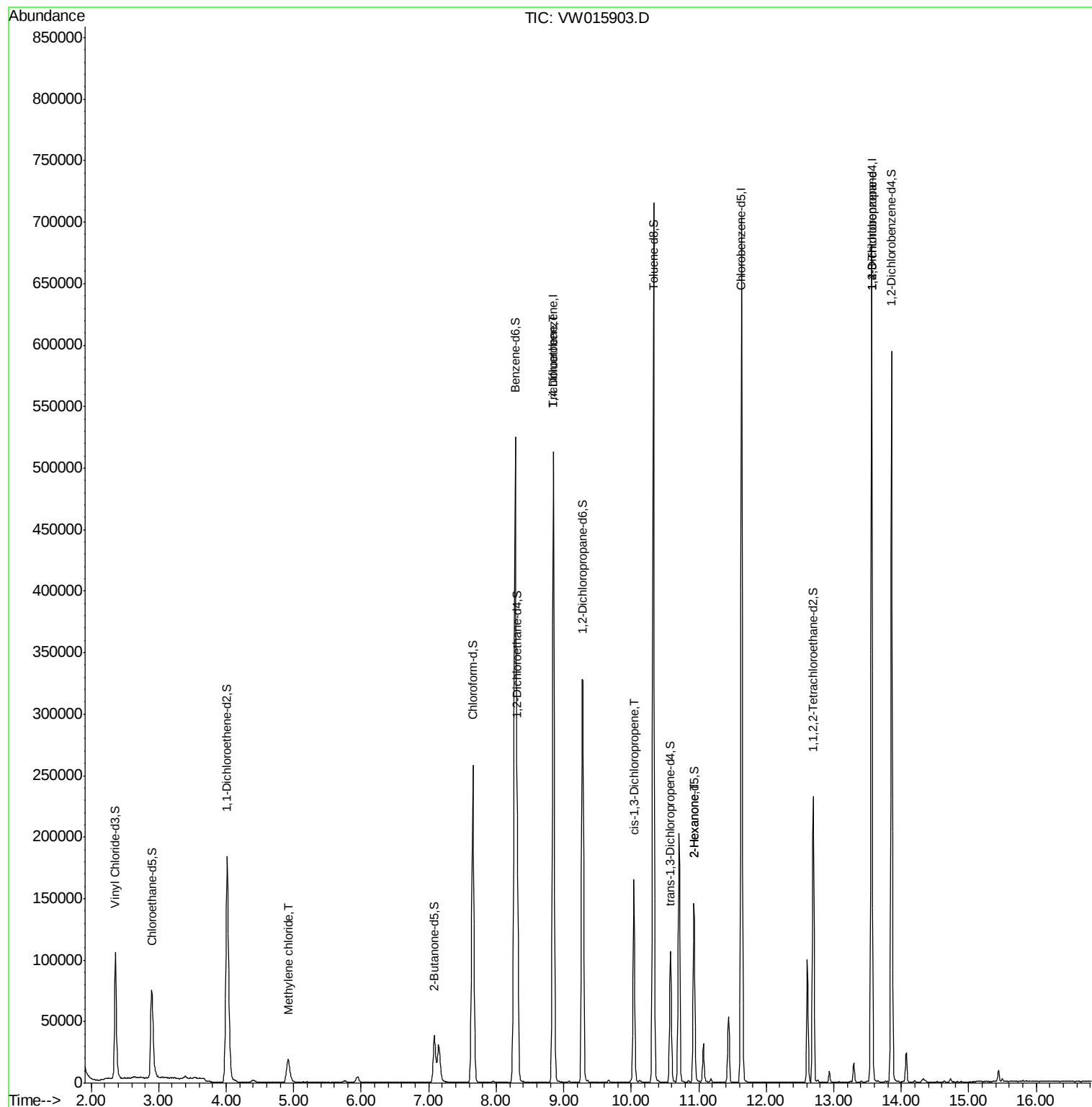
					Ovalue
16) Methylene chloride	4.92	84	15502	2.267 ug/L	95
35) Trichloroethene	8.85	95	12815	2.067 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	4121	0.466 ug/L #	63
49) 2-Hexanone	10.93	43	6201	2.578 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	21168	5.762 ug/L	89

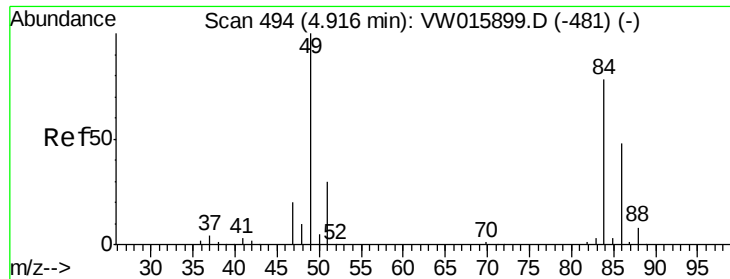
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration

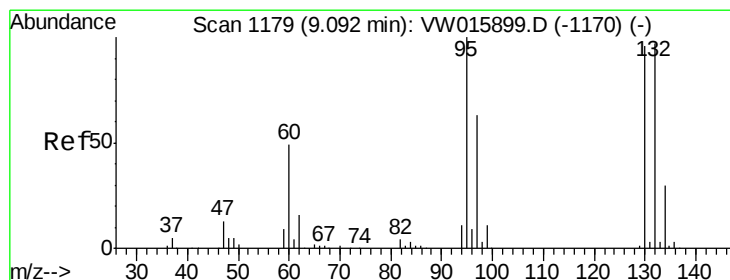
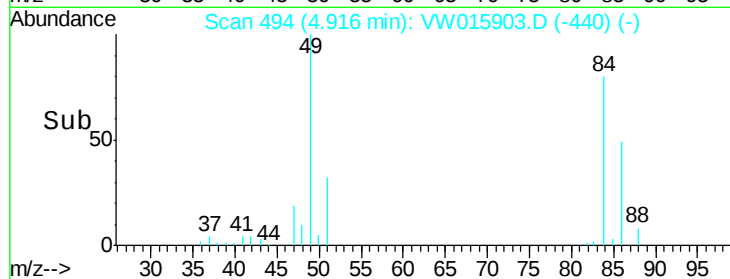
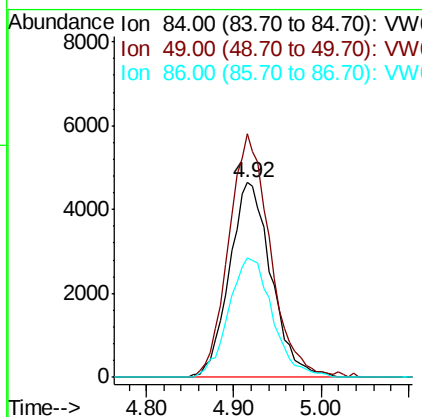
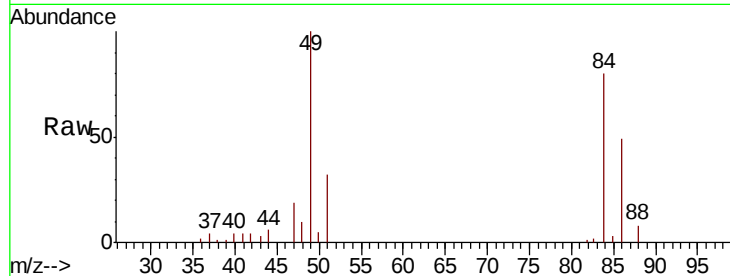




#16
Methvlene chloride
Concen: 2.267 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015903.D
Acq: 22 Jul 2020 12:24

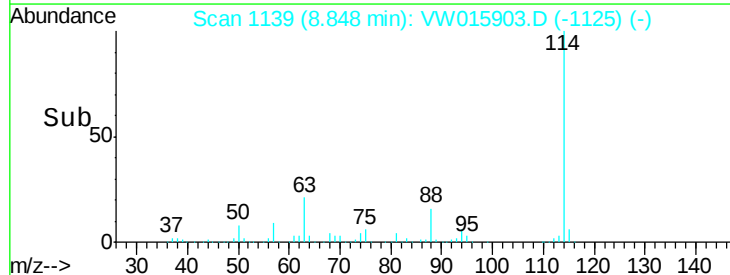
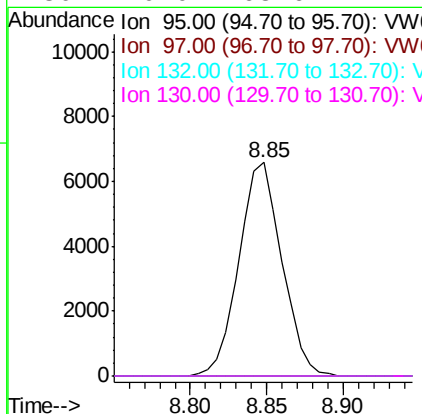
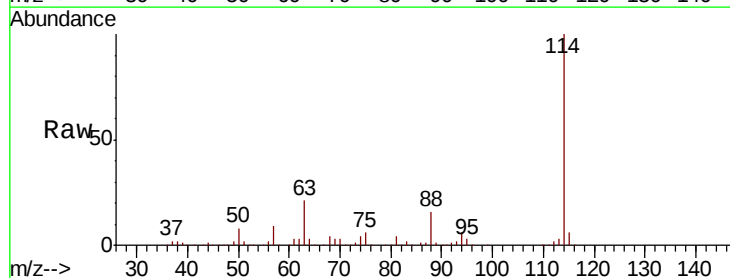
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

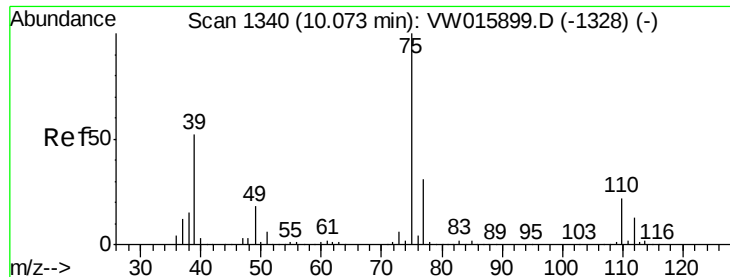
Tot Ion: 84 Resp: 15502
Ion Ratio Lower Upper
84 100
49 125.2 91.1 169.1
86 61.5 46.0 85.4



#35
Trichloroethene
Concen: 2.067 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015903.D
Acq: 22 Jul 2020 12:24

Tgt Ion: 95 Resp: 12815
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.1 120.9#
130 0.0 68.6 127.4#





#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015903.D

Acq: 22 Jul 2020 12:24

Instrument :

MSVOA_W

ClientSampleId :

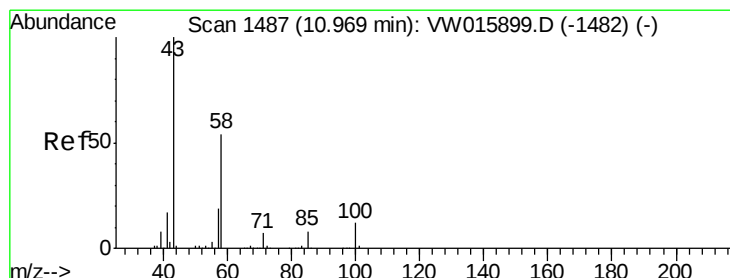
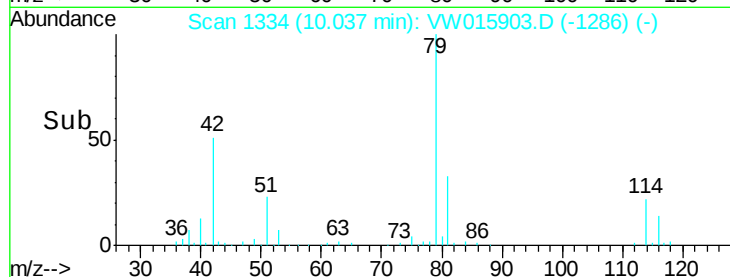
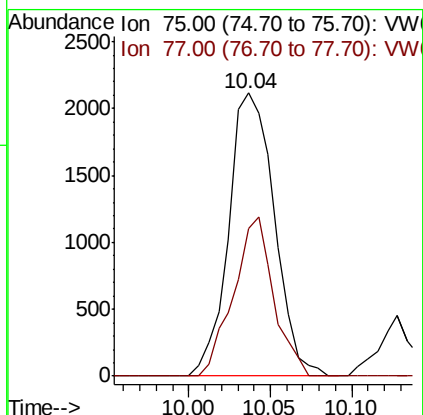
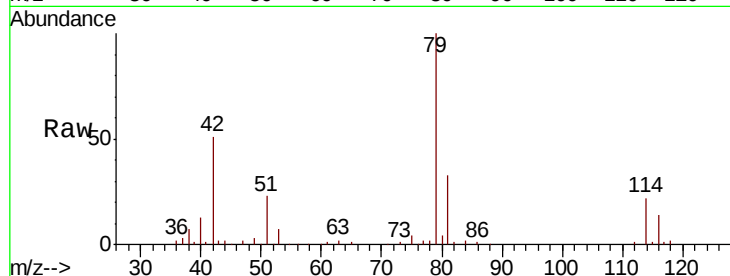
VHBLK01

Tot Ion: 75 Resp: 4121

Ion Ratio Lower Upper

75 100

77 52.4 22.2 41.2#



#49

2-Hexanone

Concen: 2.578 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015903.D

Acq: 22 Jul 2020 12:24

Tgt Ion: 43 Resp: 6201

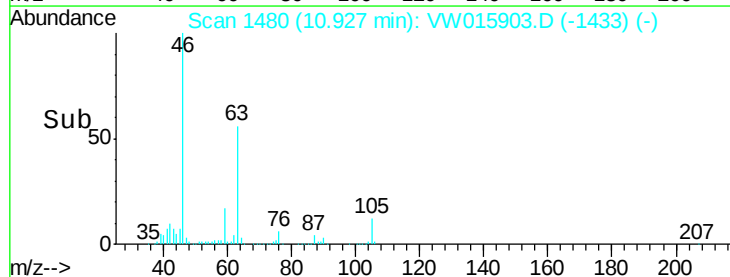
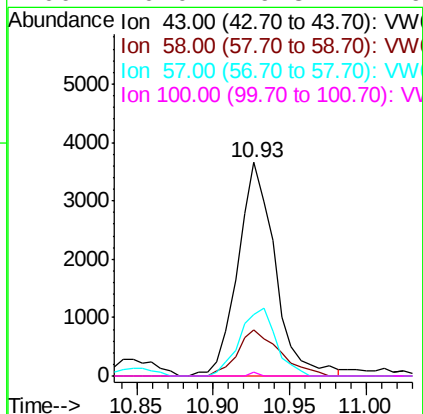
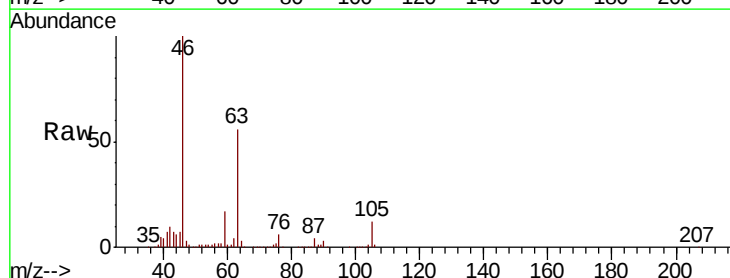
Ion Ratio Lower Upper

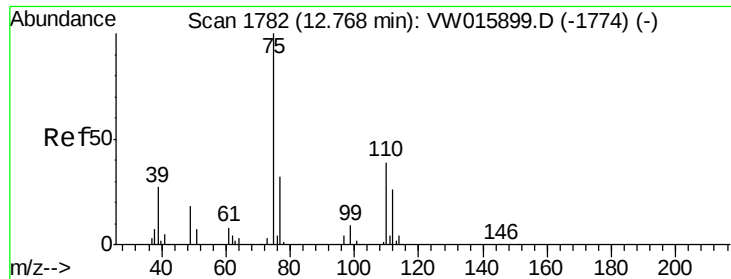
43 100

58 24.4 42.4 63.6#

57 30.7 15.6 23.4#

100 0.0 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.762 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015903.D

Acq: 22 Jul 2020 12:24

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 21168

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0

