

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015929.D
 Acq On : 23 Jul 2020 18:14
 Operator : SY/VA
 Sample : L3388-08
 Misc : 4.64G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	417946	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144428	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145272	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.52%
7) Chloroethane-d5	2.89	69	111622	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.01	63	211760	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.09	46	75232	48.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.12%
24) Chloroform-d	7.65	84	268955	22.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.64%
26) 1,2-Dichloroethane-d4	8.31	65	157293	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	8.28	84	538836	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
33) 1,2-Dichloropropane-d6	9.28	67	165123	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.33	98	473528	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.58	79	64284	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	54207	48.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136178	26.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	136736	24.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.12%

Target Compounds

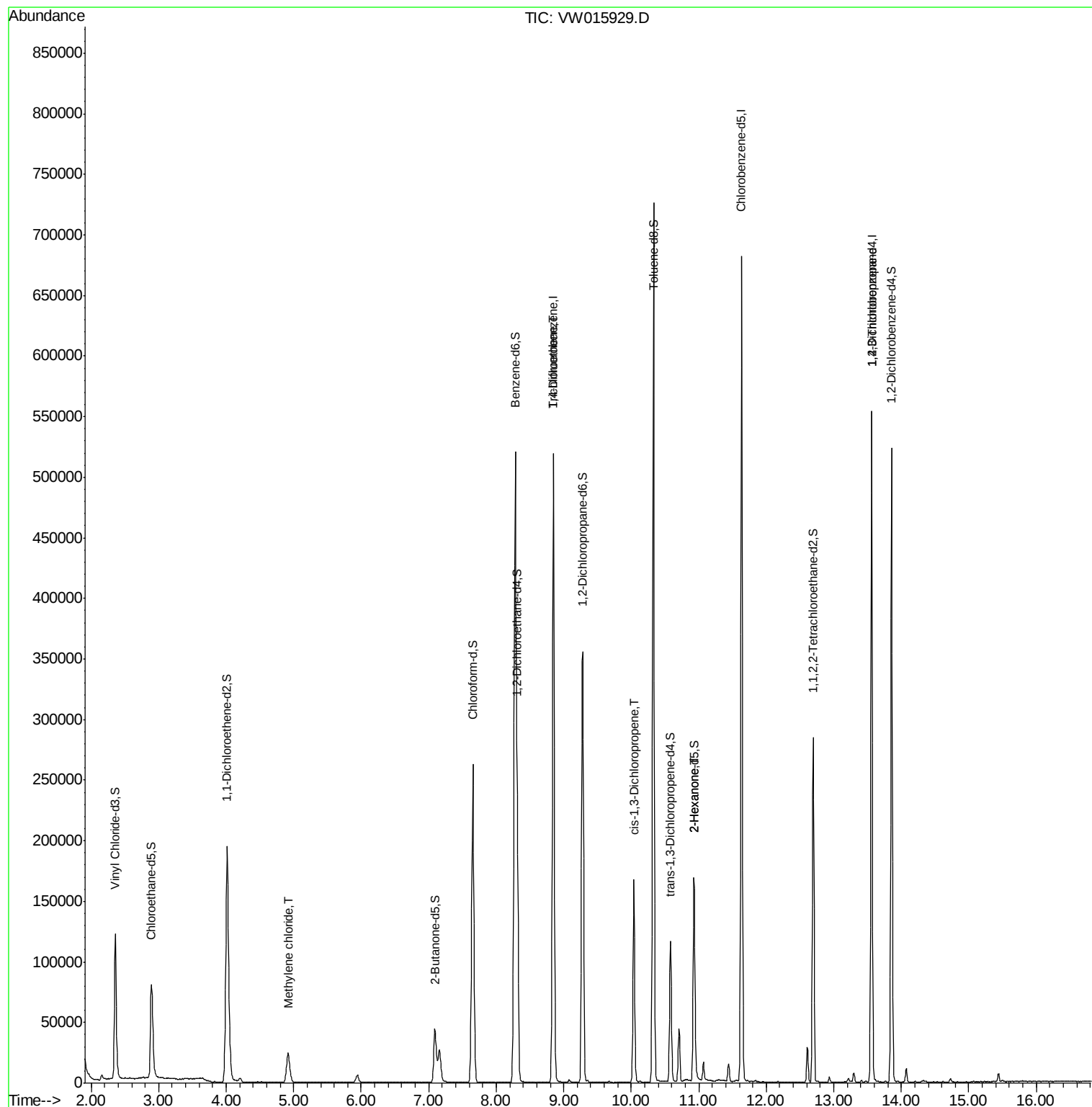
					Ovalue
16) Methylene chloride	4.92	84	20080	2.932 ug/L	96
35) Trichloroethene	8.85	95	12790	2.166 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	4234	0.503 ug/L #	71
49) 2-Hexanone	10.93	43	10281	4.488 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	17681	5.053 ug/L	91

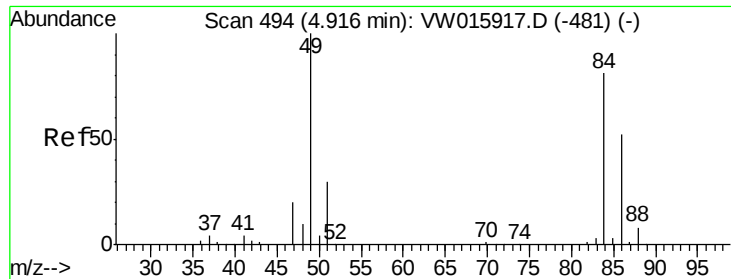
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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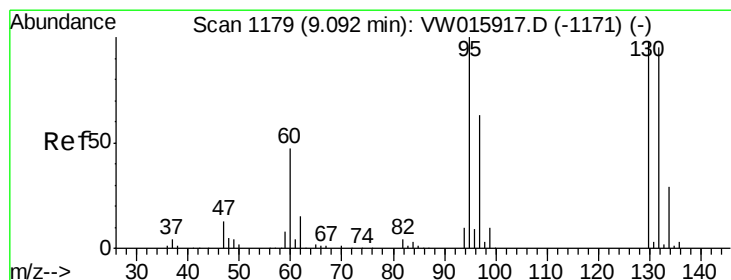
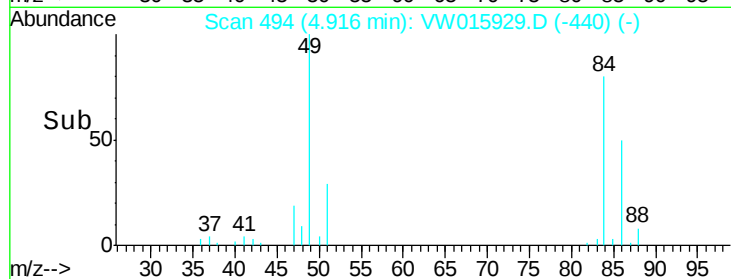
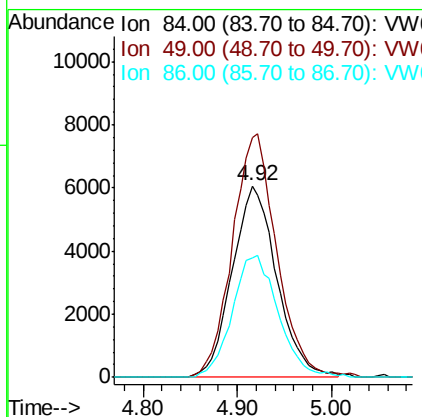
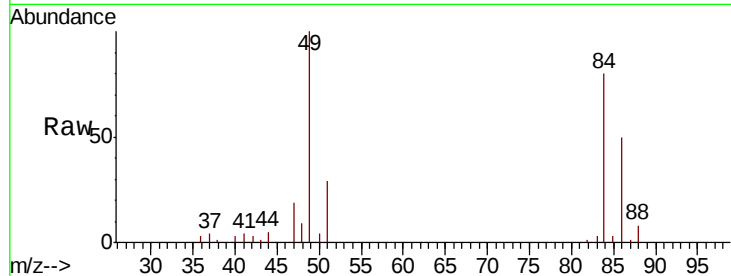




#16
Methvlene chloride
Concen: 2.932 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015929.D
Acq: 23 Jul 2020 18:14

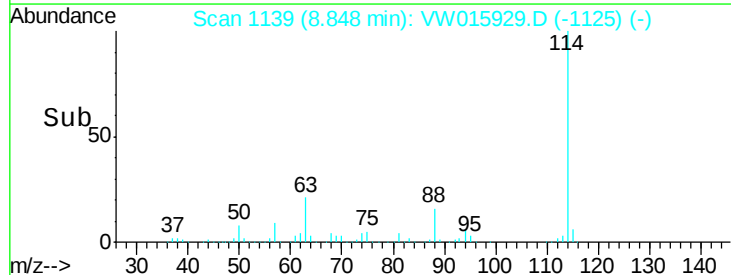
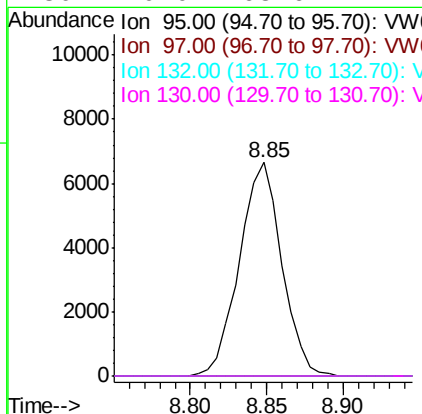
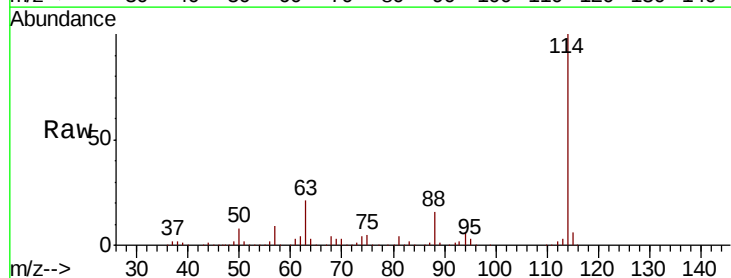
Instrument :
MSVOA_W
ClientSampled :

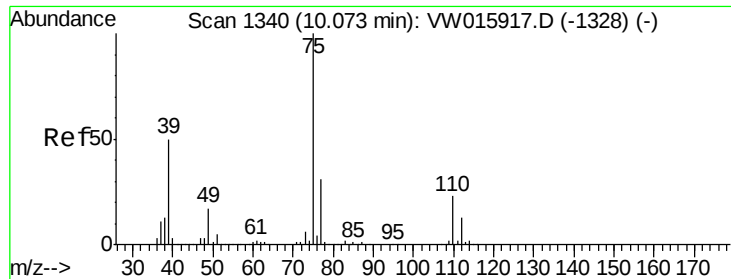
Tot Ion: 84 Resp: 20080
Ion Ratio Lower Upper
84 100
49 125.5 91.1 169.1
86 62.4 46.0 85.4



#35
Trichloroethene
Concen: 2.166 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015929.D
Acq: 23 Jul 2020 18:14

Tgt Ion: 95 Resp: 12790
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: 0.503 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015929.D

Acq: 23 Jul 2020 18:14

Instrument :

MSVOA_W

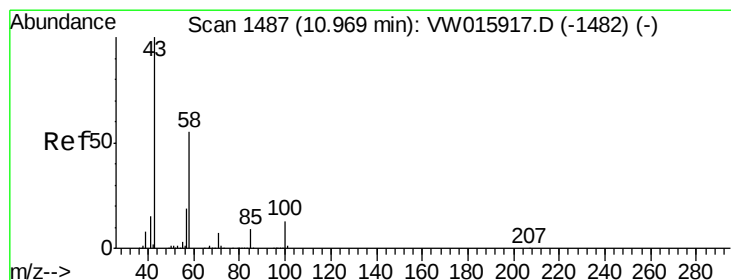
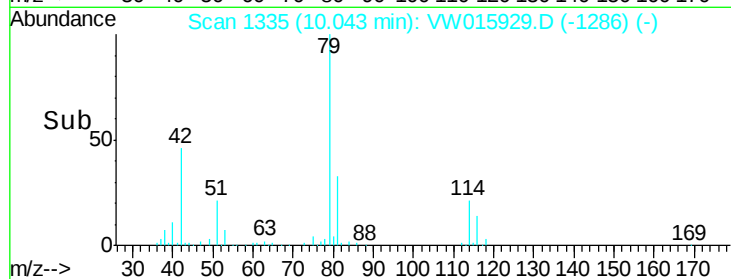
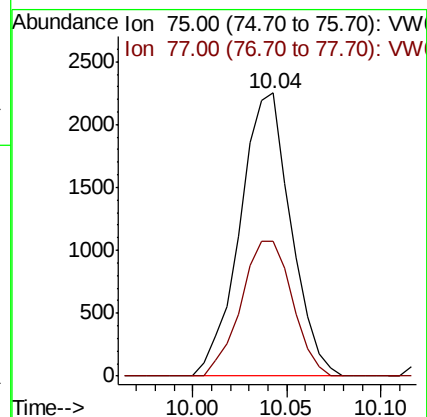
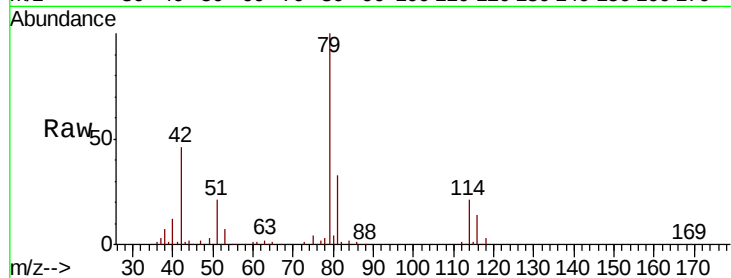
ClientSampled :

Tot Ion: 75 Resp: 4234

Ion Ratio Lower Upper

75 100

77 47.7 22.2 41.2#



#49

2-Hexanone

Concen: 4.488 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015929.D

Acq: 23 Jul 2020 18:14

Tgt Ion: 43 Resp: 10281

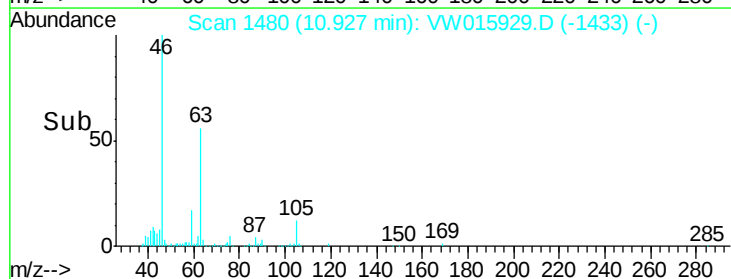
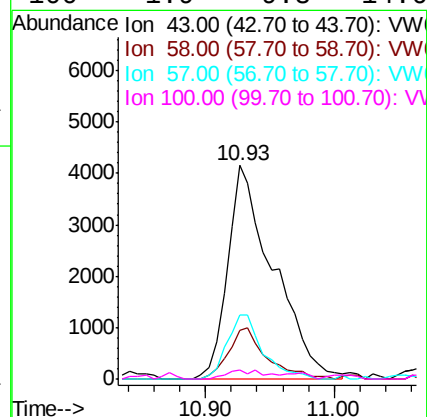
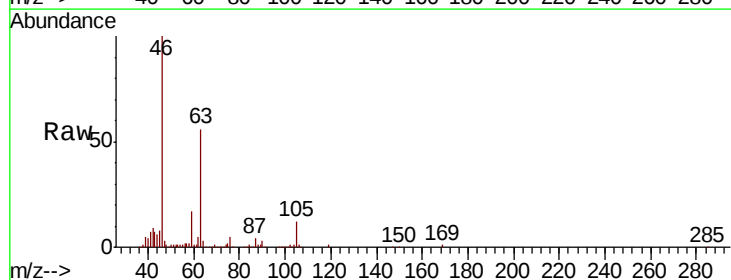
Ion Ratio Lower Upper

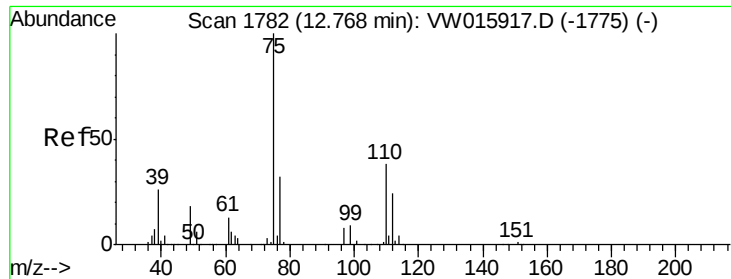
43 100

58 19.0 42.4 63.6#

57 23.5 15.6 23.4#

100 1.9 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.053 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015929.D

Acq: 23 Jul 2020 18:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17681

Ion Ratio Lower Upper

75 100

77 37.4 26.0 39.0

