

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015911.D
 Acq On : 22 Jul 2020 18:19
 Operator : SY/VA
 Sample : L3388-17
 Misc : 4.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE4

Quant Time: Jul 23 03:06:32 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	8.84	114	452889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409639	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160035	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	140584	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	2.89	69	108327	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.48%
10) 1,1-Dichloroethene-d2	4.01	63	201820	15.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.48%
20) 2-Butanone-d5	7.09	46	73882	44.01	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.02%
24) Chloroform-d	7.65	84	265256	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	161063	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.28%
29) Benzene-d6	8.27	84	530556	21.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.12%
33) 1,2-Dichloropropane-d6	9.28	67	163671	21.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.60%
37) Toluene-d8	10.33	98	462362	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.88%
38) trans-1,3-Dichloropropene-	10.58	79	64126	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	10.93	63	52673	42.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133056	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	135344	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

Target Compounds

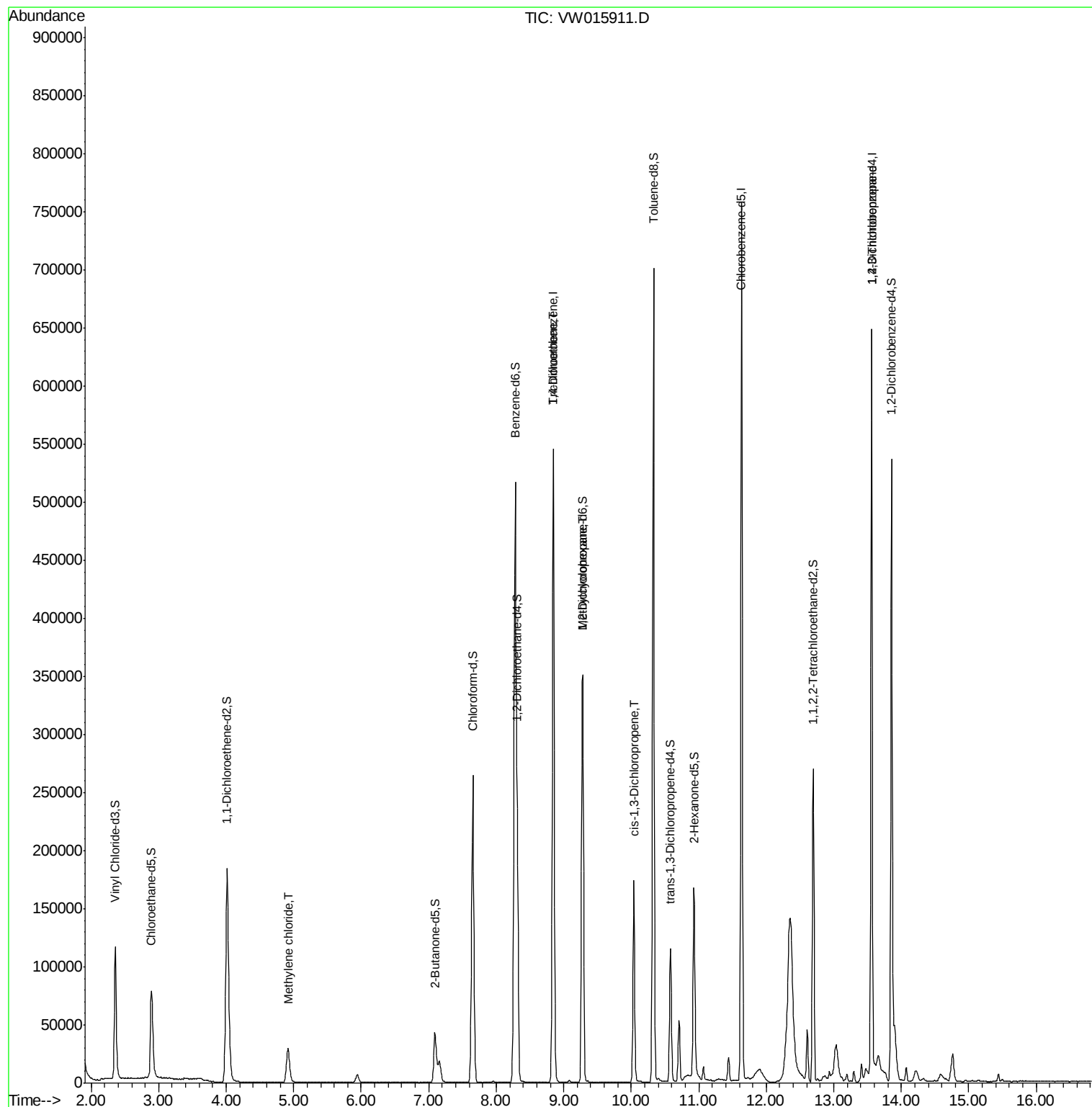
					Ovalue
16) Methylene chloride	4.92	84	24481	3.299 ug/L	95
35) Trichloroethene	8.85	95	13617	2.069 ug/L #	6
36) Methylcyclohexane	9.28	83	39757	3.520 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4211	0.449 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	19800	5.078 ug/L	91

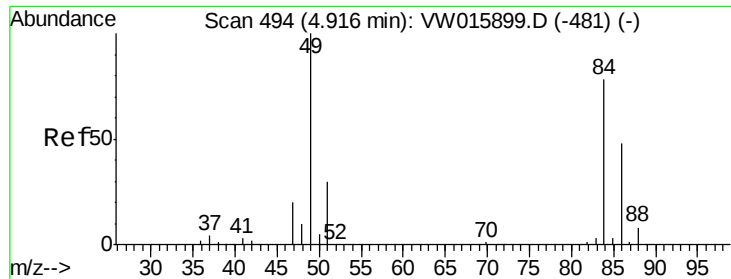
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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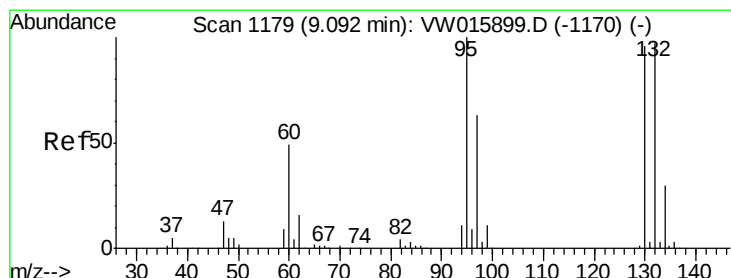
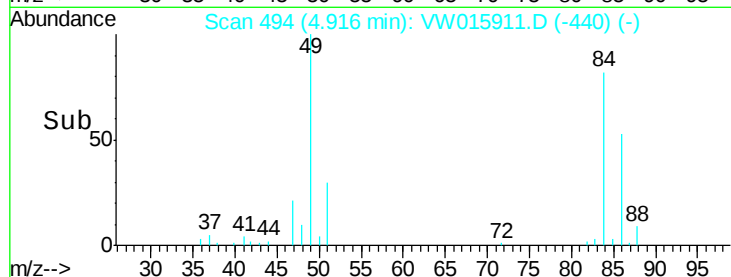
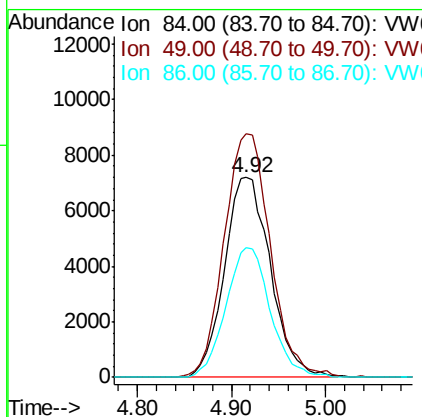
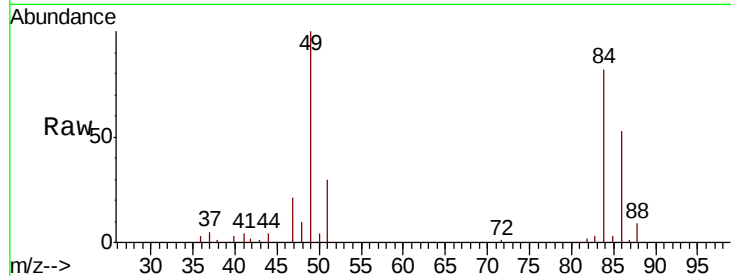




#16
Methvlene chloride
Concen: 3.299 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015911.D
Acq: 22 Jul 2020 18:19

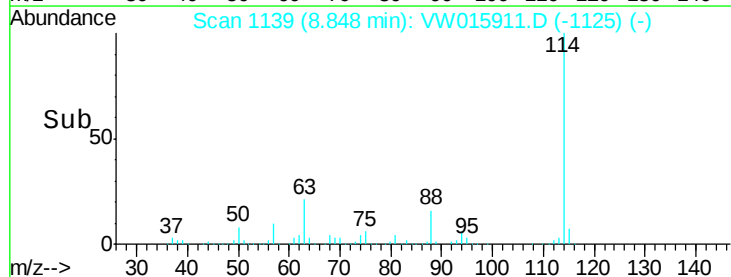
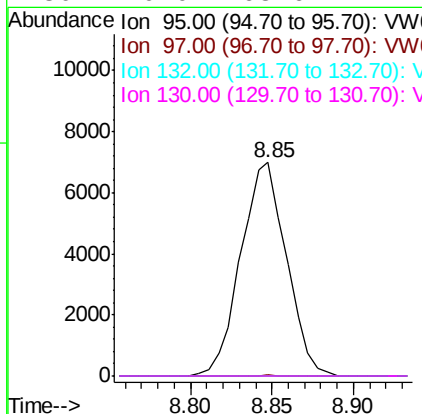
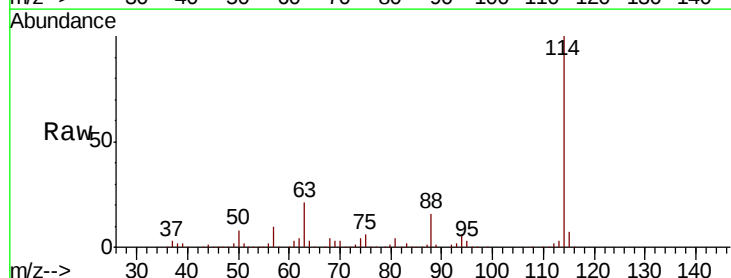
Instrument :
MSVOA_W
ClientSampled :
C0AE4

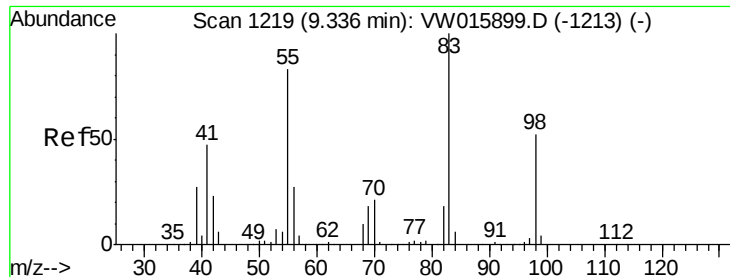
Tot Ion: 84 Resp: 24481
Ion Ratio Lower Upper
84 100
49 121.8 91.1 169.1
86 64.7 46.0 85.4



#35
Trichloroethene
Concen: 2.069 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015911.D
Acq: 22 Jul 2020 18:19

Tgt Ion: 95 Resp: 13617
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#

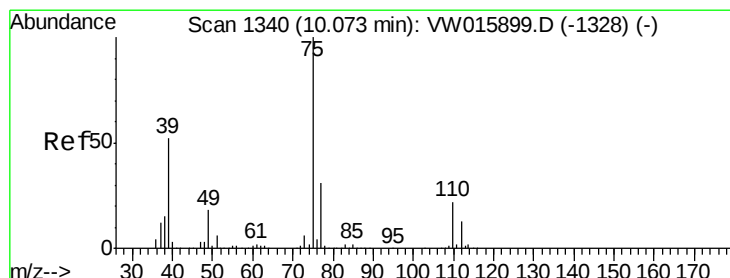
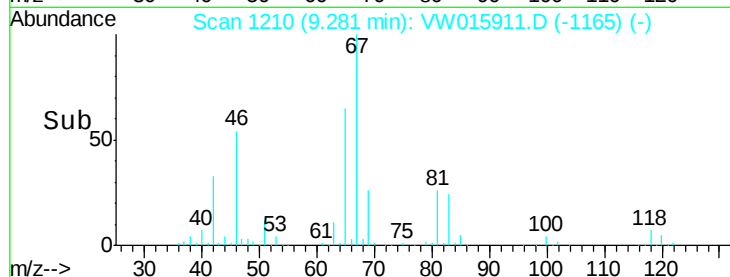
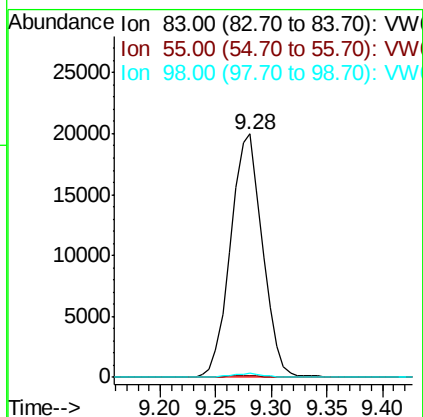
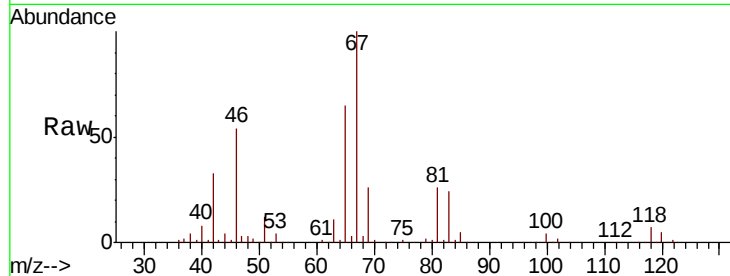




#36
Methylcyclohexane
Concen: 3.520 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015911.D
Acq: 22 Jul 2020 18:19

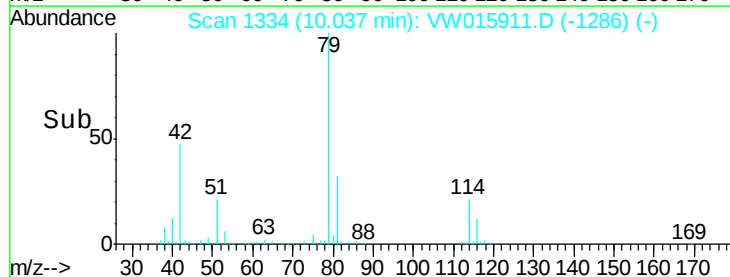
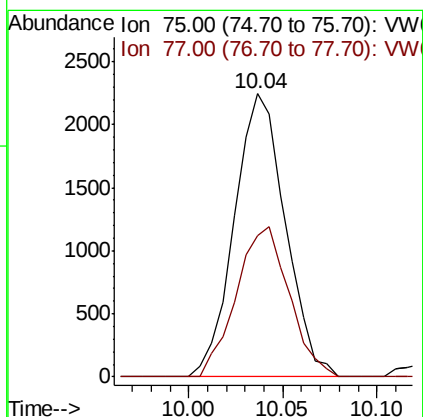
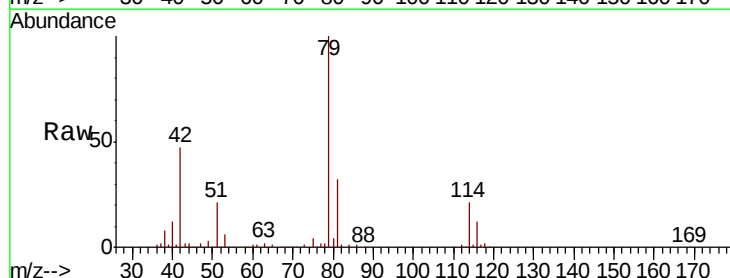
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ClientSampleId :
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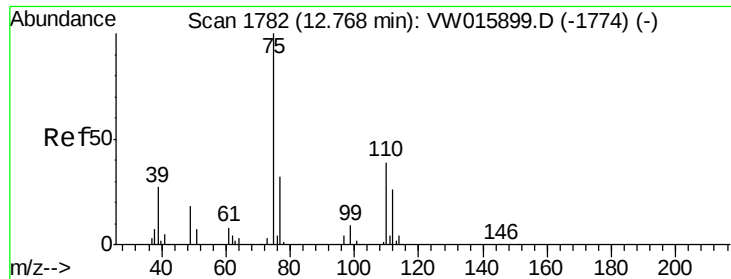
Tot Ion: 83 Resp: 39757
Ion Ratio Lower Upper
83 100
55 0.4 63.5 95.3#
98 1.6 39.0 58.4#



#42
cis-1,3-Dichloropropene
Concen: 0.449 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015911.D
Acq: 22 Jul 2020 18:19

Tgt Ion: 75 Resp: 4211
Ion Ratio Lower Upper
75 100
77 50.2 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 5.078 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015911.D

Acq: 22 Jul 2020 18:19

Instrument :

MSVOA_W

ClientSampleId :

C0AE4

Tot Ion: 75 Resp: 19800

Ion Ratio Lower Upper

75 100

77 37.8 26.0 39.0

