

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016003.D
 Acq On : 30 Jul 2020 12:00
 Operator : SY/VA
 Sample : L3492-08
 Misc : 4.75G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	479794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399718	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135049	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
7) Chloroethane-d5	2.90	69	113048	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.01	63	209273	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	7.09	46	57052	32.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.16%
24) Chloroform-d	7.65	84	275717	20.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.84%
26) 1,2-Dichloroethane-d4	8.31	65	138127	18.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.68%
29) Benzene-d6	8.28	84	561013	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.28	67	169506	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.96%
37) Toluene-d8	10.33	98	478468	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	10.58	79	59483	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.52%
39) 2-Hexanone-d5	10.93	63	41663	34.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102015	18.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	104479	21.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.88%

Target Compounds

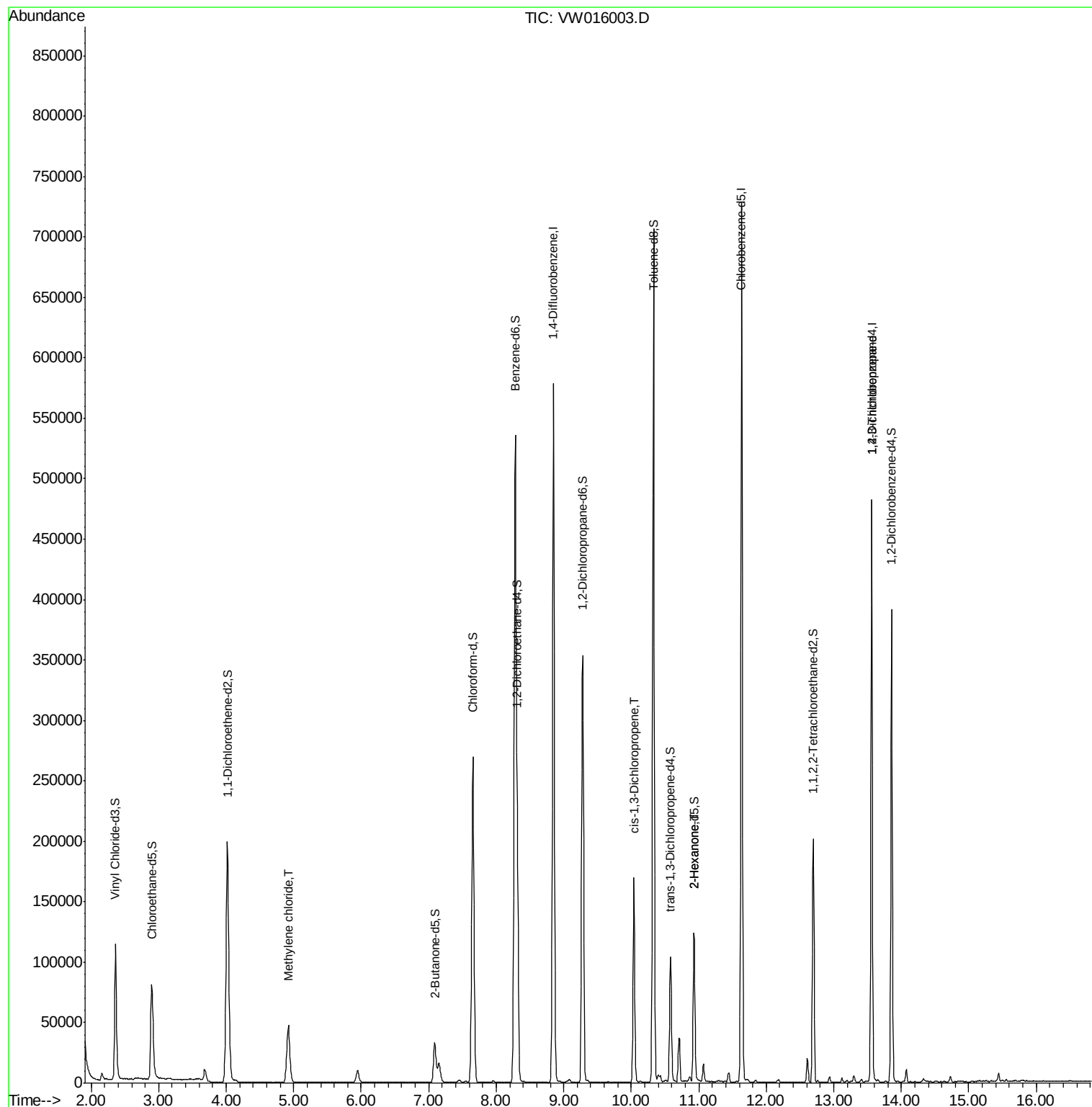
					Ovalue
16) Methylene chloride	4.92	84	37985	4.832 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	4039	0.441 ug/L #	70
49) 2-Hexanone	10.93	43	5672	2.277 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	15150	3.982 ug/L	92

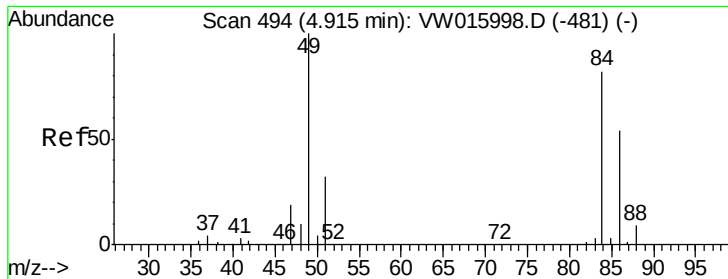
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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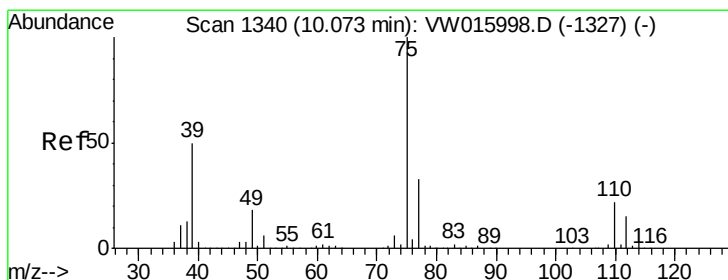
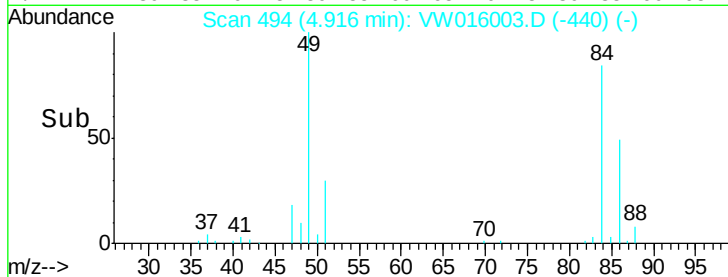
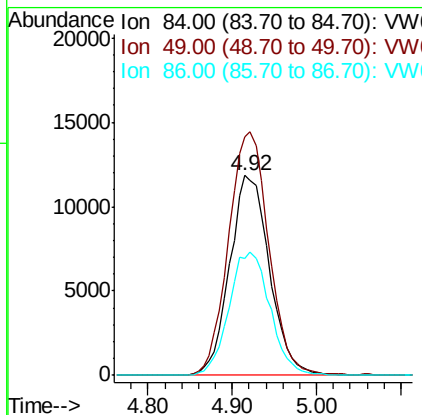
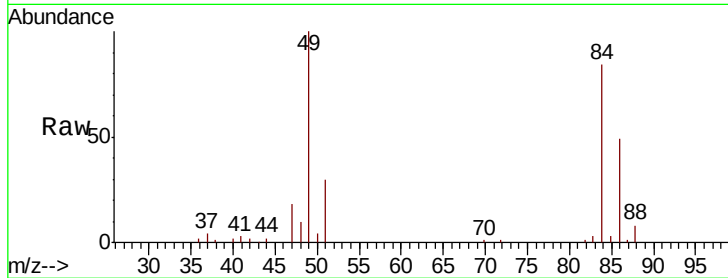




#16
Methylene chloride
Concen: 4.832 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016003.D
Acq: 30 Jul 2020 12:00

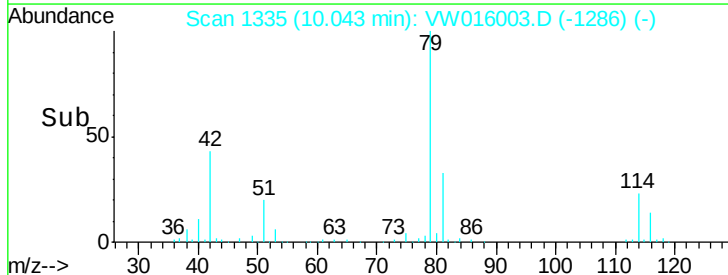
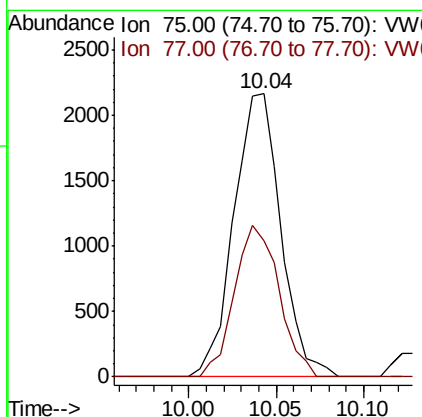
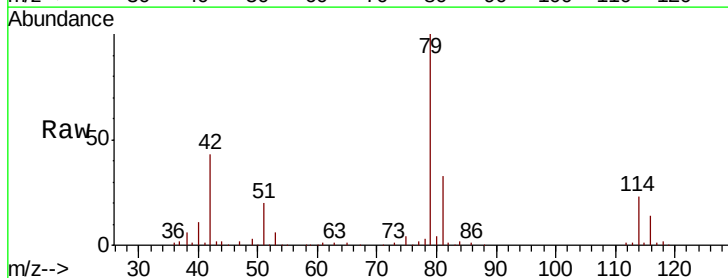
Instrument :
MSVOA_W
ClientSampled :

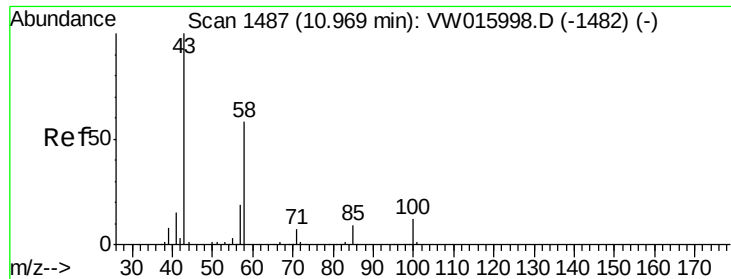
Tot Ion: 84 Resp: 37985
Ion Ratio Lower Upper
84 100
49 119.6 91.1 169.1
86 58.3 46.0 85.4



#42
cis-1,3-Dichloropropene
Concen: 0.441 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016003.D
Acq: 30 Jul 2020 12:00

Tgt Ion: 75 Resp: 4039
Ion Ratio Lower Upper
75 100
77 48.3 22.2 41.2#

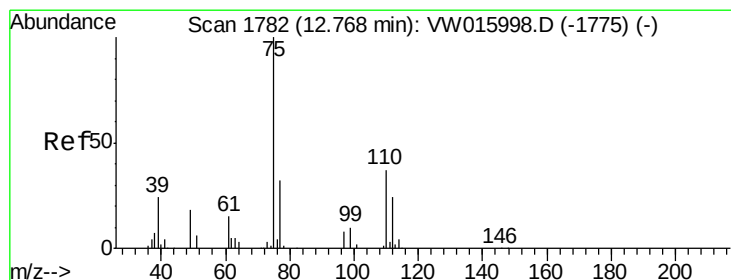
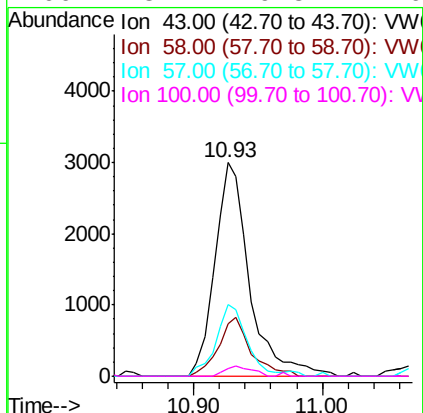
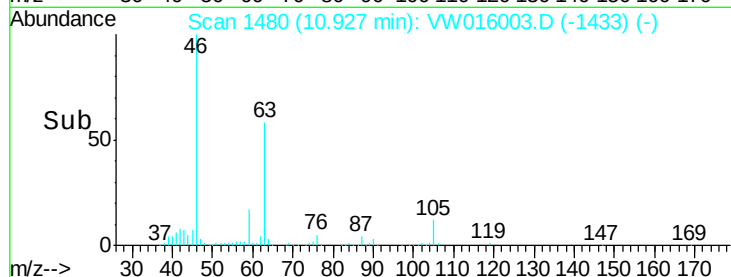
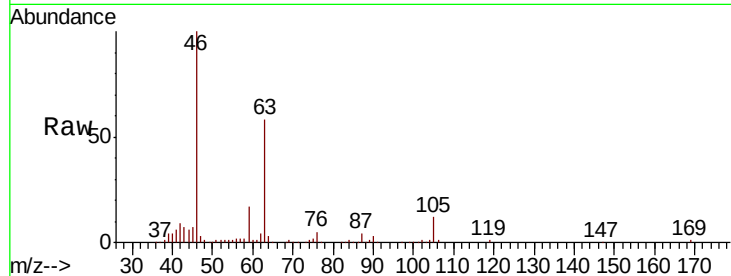




#49
2-Hexanone
Concen: 2.277 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016003.D
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Instrument :
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ClientSampleId :

Tot Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
58 25.7 42.4 63.6#
57 29.6 15.6 23.4#
100 3.7 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 3.982 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016003.D
Acq: 30 Jul 2020 12:00

Tgt Ion: 75 Resp: 15150
Ion Ratio Lower Upper
75 100
77 36.8 26.0 39.0

