

Data File : VW014901.D
Acq On : 06 Feb 2020 17:14
Operator : SY/VA
Sample : L1386-06
Misc : 6.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S05

Quant Time: Feb 07 06:02:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 05:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	632548	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	621957	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	202719	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	204281	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
10) 1,1-Dichloroethene-d2	4.01	63	321861	16.82	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	7.07	46	140916	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
24) Chloroform-d	7.65	84	483389	26.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	8.48	65	174	0.02	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	940761	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.27	67	333184	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.24%
37) Toluene-d8	10.32	98	782221	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.88%
38) trans-1,3-Dichloropropene-	10.57	79	107626	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.92	63	95813	40.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	233076	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	240488	26.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.12%

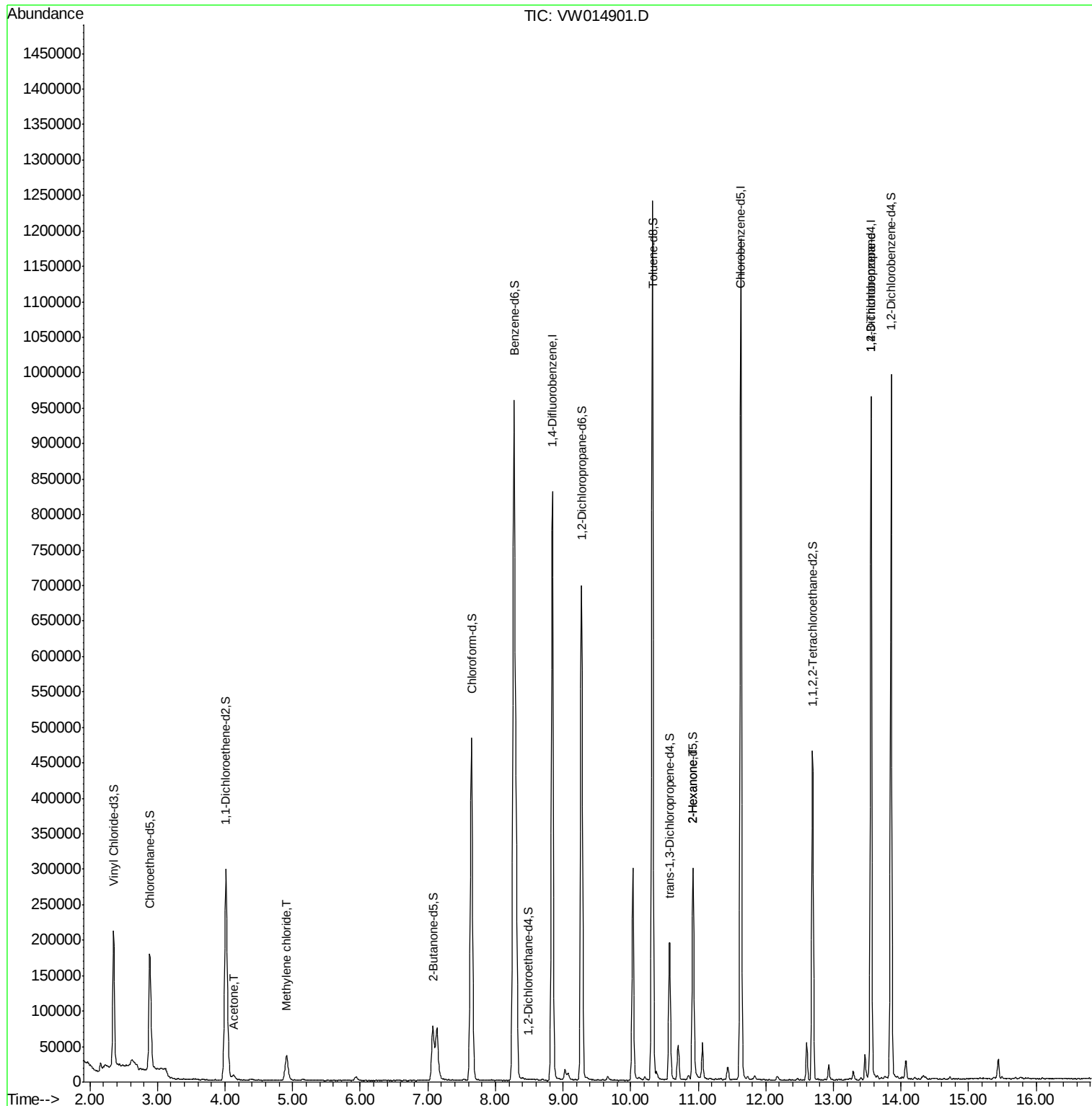
Target Compounds					Qvalue
13) Acetone	4.12	43	11812	3.894 ug/L	94
16) Methylene chloride	4.91	84	23828	2.068 ug/L	94
49) 2-Hexanone	10.92	43	13804	2.619 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	33641	4.755 ug/L	94

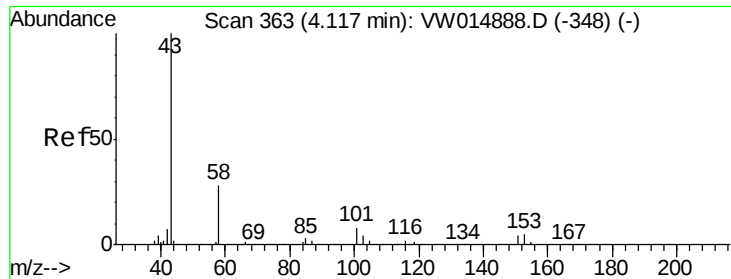
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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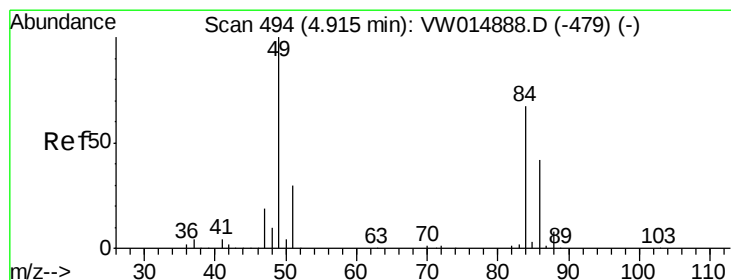
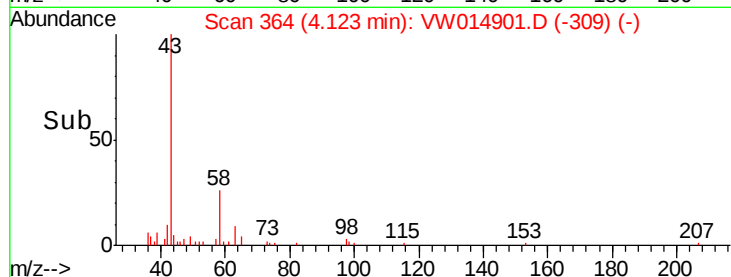
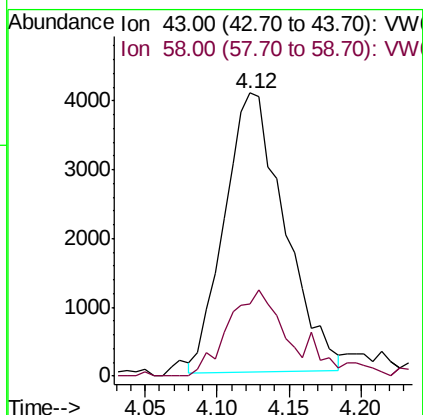
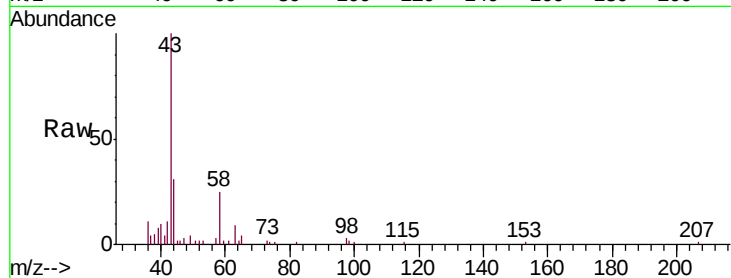




#13
Acetone
Concen: 3.894 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014901.D
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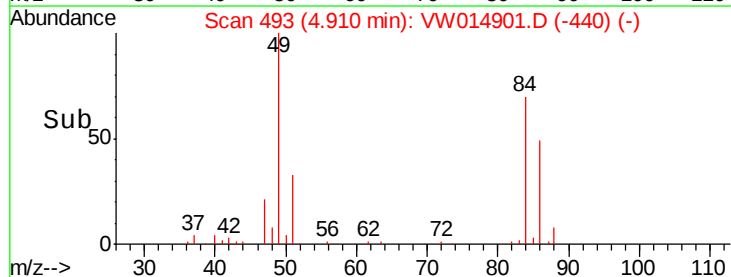
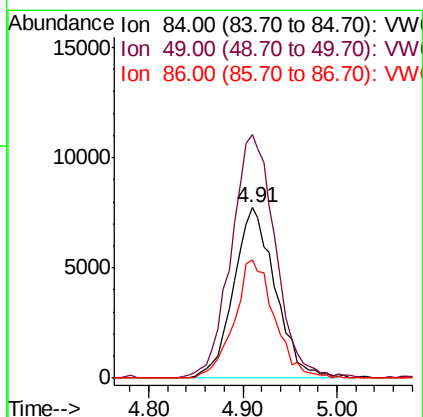
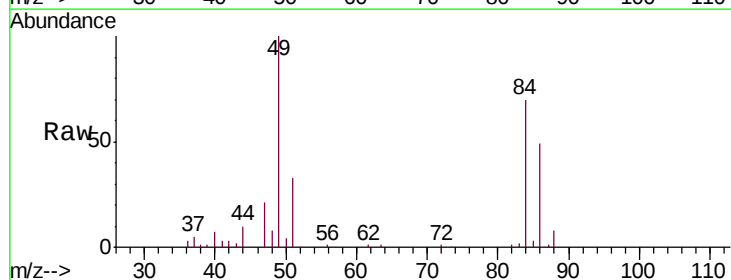
Instrument :
MSVOA_W
ClientSampleId :
F3S05

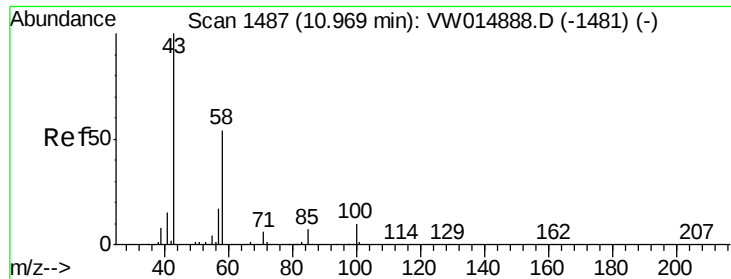
Tgt Ion: 43 Resp: 11812
Ion Ratio Lower Upper
43 100
58 27.2 0.0 60.4



#16
Methylene chloride
Concen: 2.068 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014901.D
Acq: 06 Feb 2020 17:14

Tgt Ion: 84 Resp: 23828
Ion Ratio Lower Upper
84 100
49 143.1 95.8 177.8
86 69.6 44.2 82.2

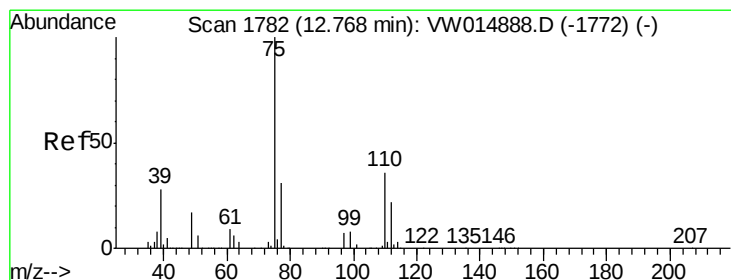
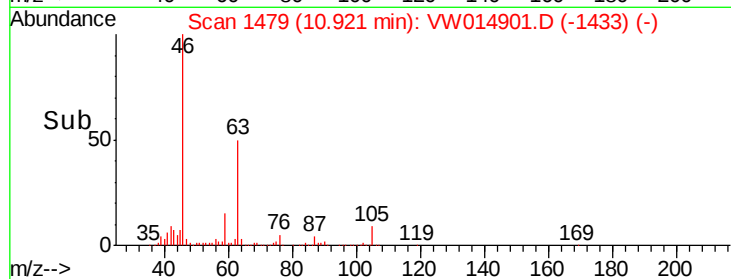
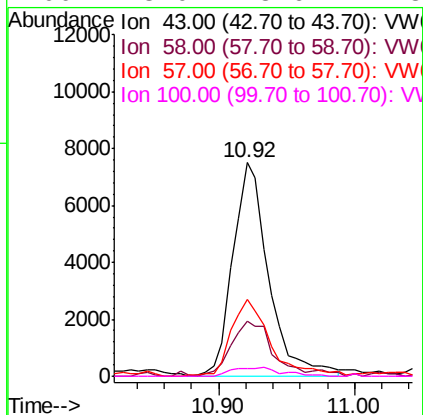
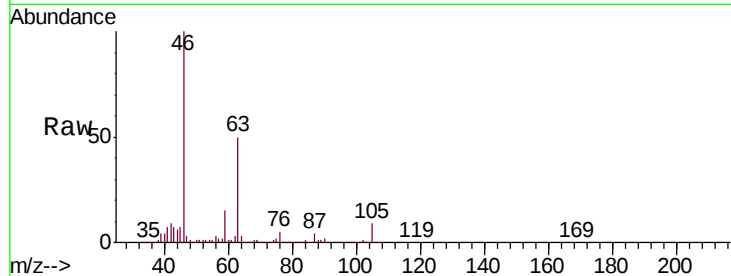




#49
2-Hexanone
Concen: 2.619 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
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Instrument :
MSVOA_W
ClientSampled :
F3S05

Tgt Ion: 43 Resp: 13804
Ion Ratio Lower Upper
43 100
58 28.7 42.2 63.2#
57 36.9 14.5 21.7#
100 3.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 4.755 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014901.D
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Tgt Ion: 75 Resp: 33641
Ion Ratio Lower Upper
75 100
77 35.9 25.9 38.9

