

Data File : VW014899.D
Acq On : 06 Feb 2020 16:21
Operator : SY/VA
Sample : L1386-04
Misc : 6.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S03

Quant Time: Feb 07 06:02:04 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	811961	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	758477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294080	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	278695	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	2.89	69	274891	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
10) 1,1-Dichloroethene-d2	4.02	63	427141	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.07	46	171819	45.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.10%
24) Chloroform-d	7.65	84	614946	26.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	8.30	65	345855	27.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.44%
29) Benzene-d6	8.27	84	1231271	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
33) 1,2-Dichloropropane-d6	9.27	67	422641	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	10.32	98	1058085	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	138644	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
39) 2-Hexanone-d5	10.92	63	125519	43.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	281992	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	314836	27.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.44%

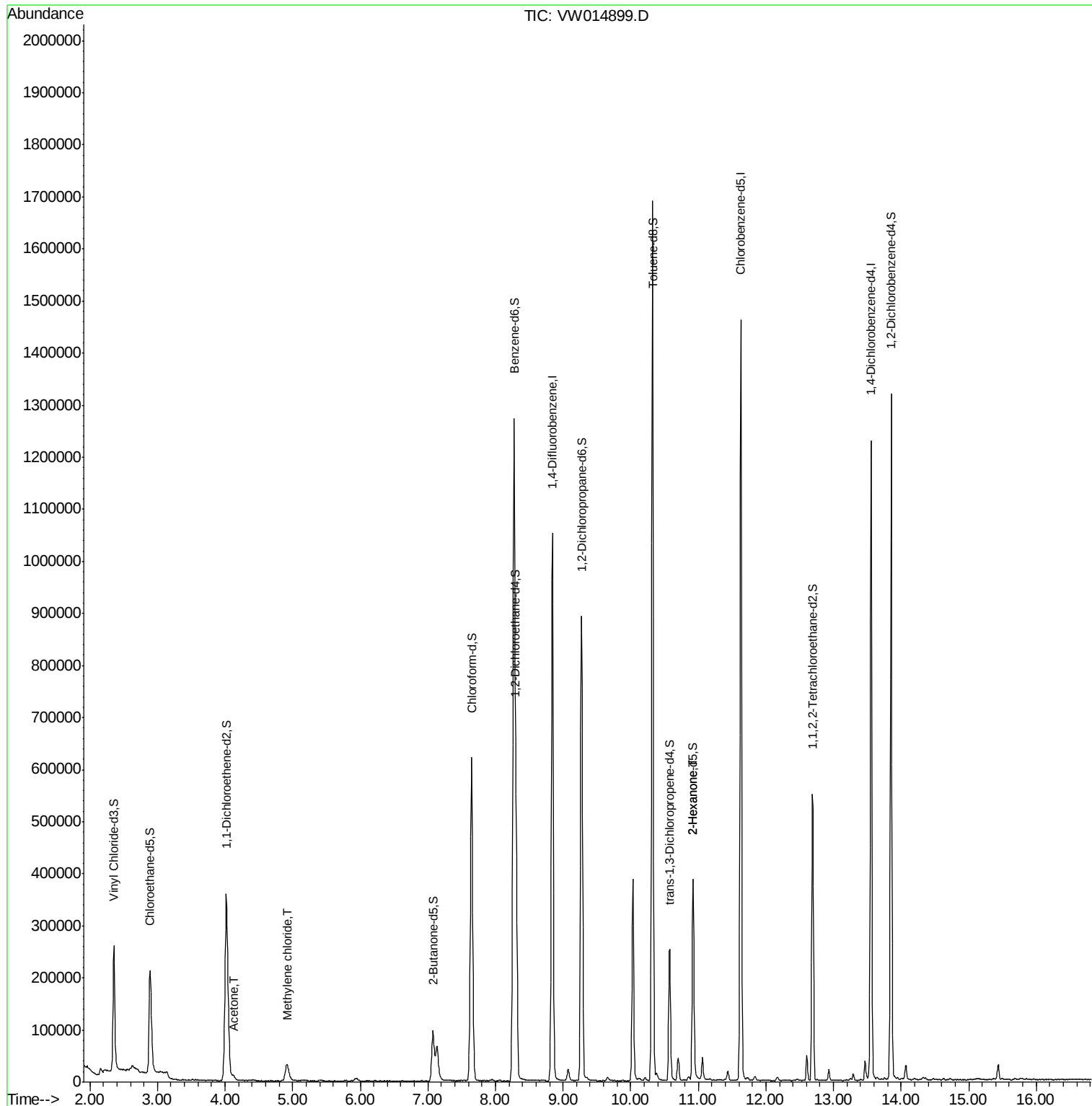
Target Compounds					Qvalue
13) Acetone	4.13	43	13300	3.416 ug/L	96
16) Methylene chloride	4.92	84	24748	1.673 ug/L	89
49) 2-Hexanone	10.92	43	18002	2.800 ug/L #	65

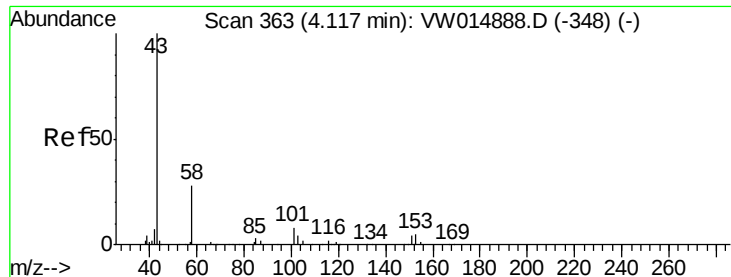
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.416 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

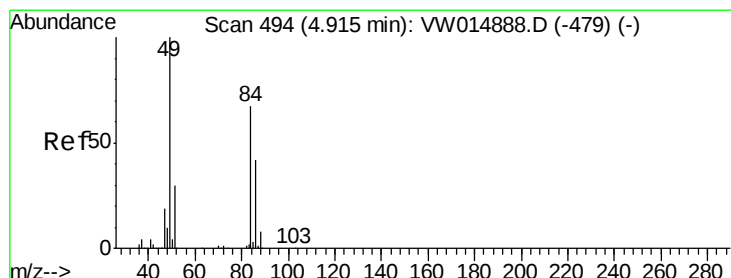
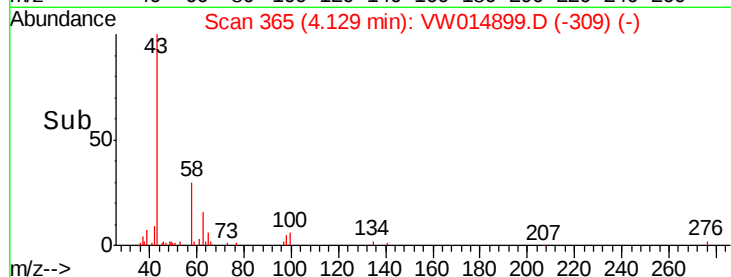
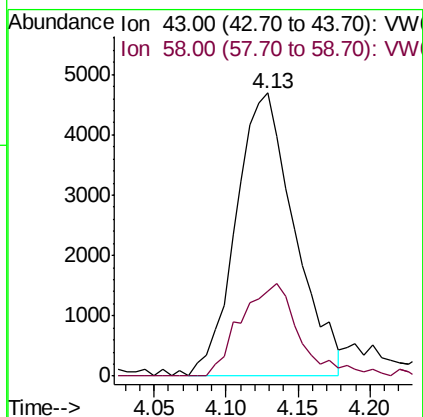
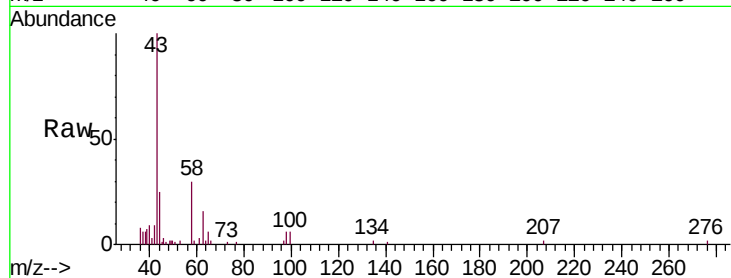
F3S03

Tgt Ion: 43 Resp: 13300

Ion Ratio Lower Upper

43 100

58 32.4 0.0 60.4



#16

Methylene chloride

Concen: 1.673 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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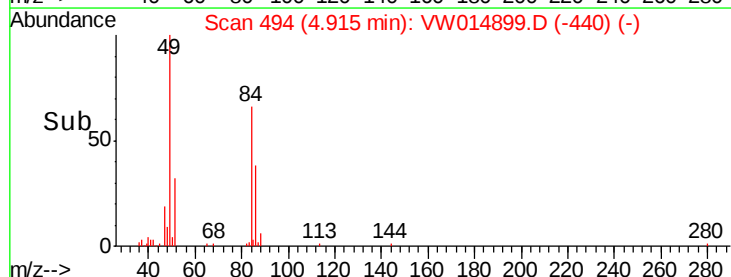
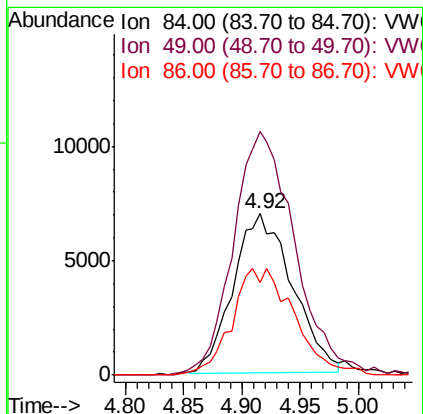
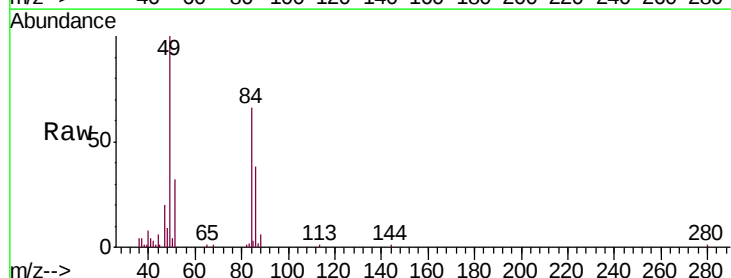
Tgt Ion: 84 Resp: 24748

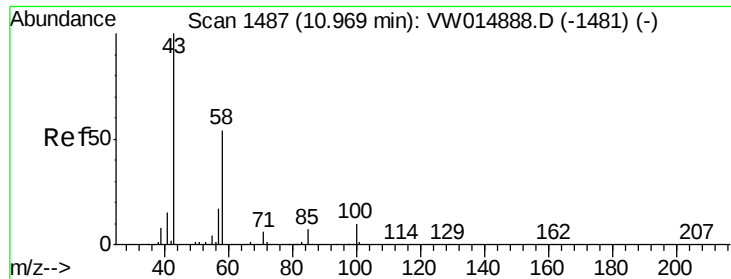
Ion Ratio Lower Upper

84 100

49 151.1 95.8 177.8

86 57.3 44.2 82.2





#49

2-Hexanone

Concen: 2.800 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

F3S03

Tgt Ion: 43 Resp: 18002

Ion Ratio Lower Upper

43 100

58 26.5 42.2 63.2#

57 34.5 14.5 21.7#

100 3.2 8.6 12.8#

