

Data File : VW014912.D
Acq On : 07 Feb 2020 11:42
Operator : SY/VA
Sample : L1386-14
Misc : 6.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S12

Quant Time: Feb 08 04:02:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 03:59:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	727138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	223790	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.36%
7) Chloroethane-d5	2.89	69	227015	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
10) 1,1-Dichloroethene-d2	4.02	63	346325	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.07	46	142760	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
24) Chloroform-d	7.65	84	512744	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.20	65	73	0.01	ug/L	-0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	993532	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.27	67	352211	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	844701	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	10.57	79	112632	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.28%
39) 2-Hexanone-d5	10.93	63	93675	35.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	231590	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	242760	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

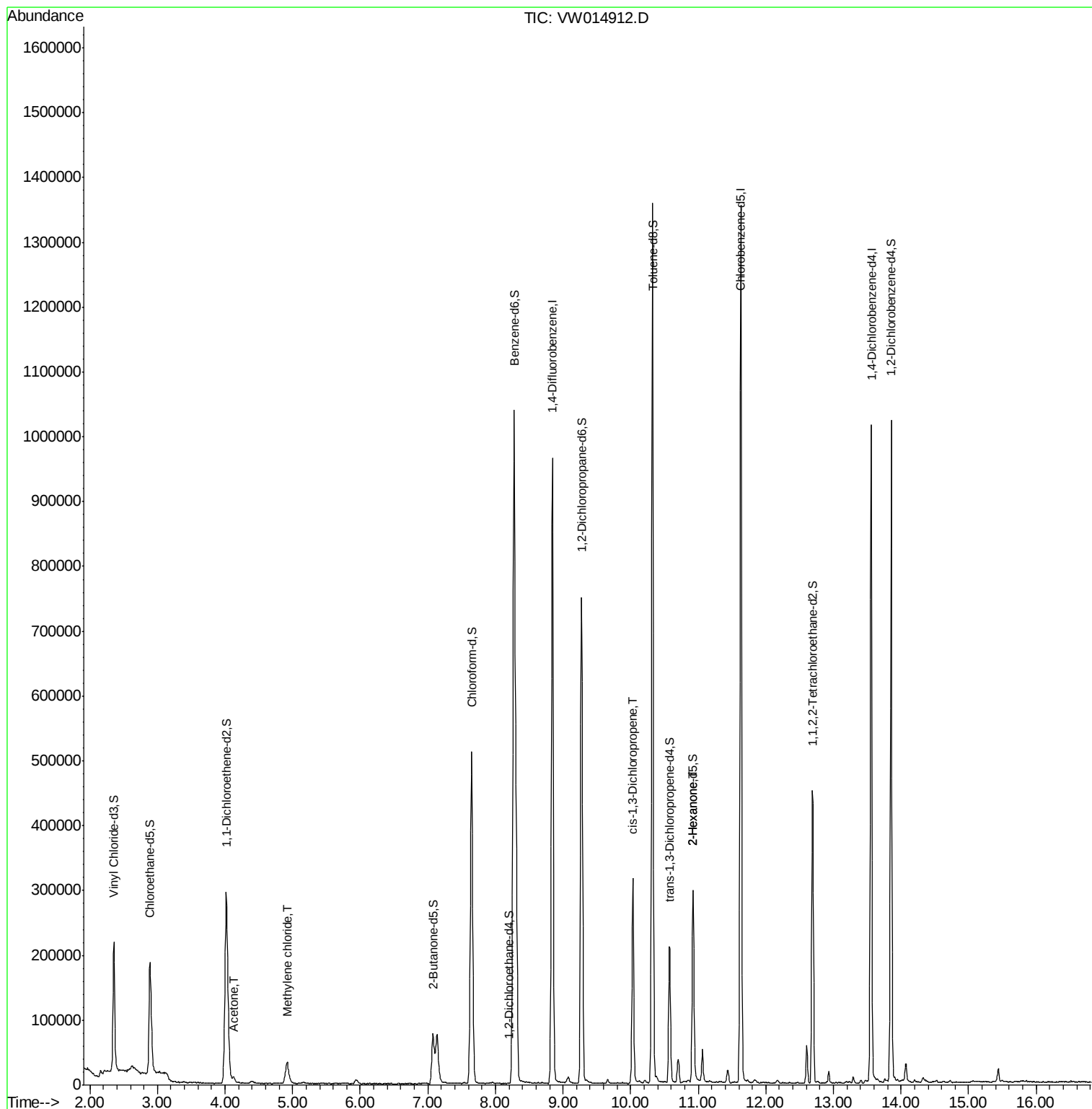
Target Compounds					Qvalue
13) Acetone	4.13	43	14126	4.051 ug/L	95
16) Methylene chloride	4.92	84	24626	1.859 ug/L	92
42) cis-1,3-Dichloropropene	10.03	75	8090	0.451 ug/L #	51
49) 2-Hexanone	10.93	43	14207	2.441 ug/L #	67

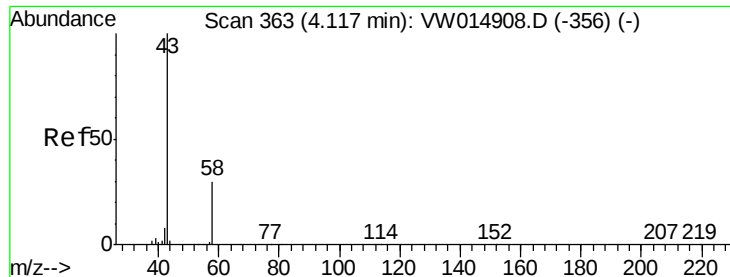
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.051 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

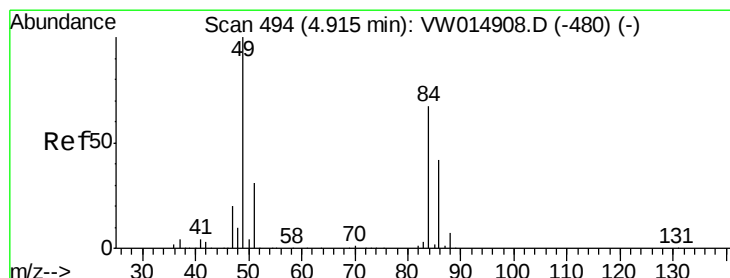
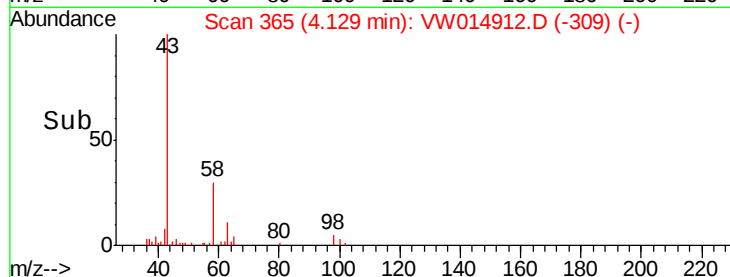
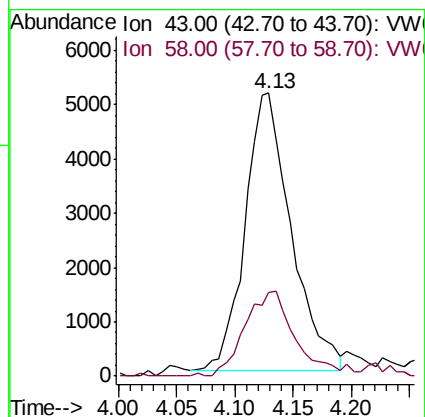
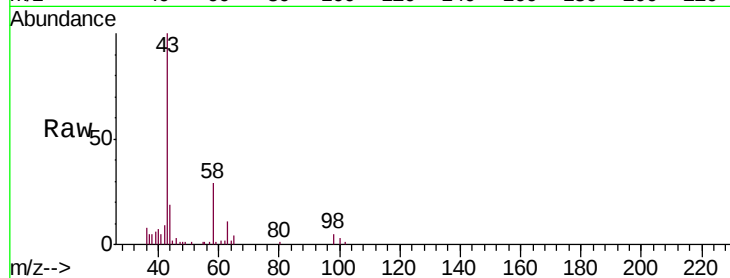
F3S12

Tgt Ion: 43 Resp: 14126

Ion Ratio Lower Upper

43 100

58 32.7 0.0 60.4



#16

Methylene chloride

Concen: 1.859 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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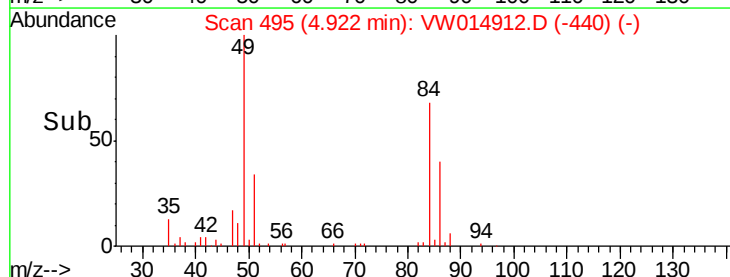
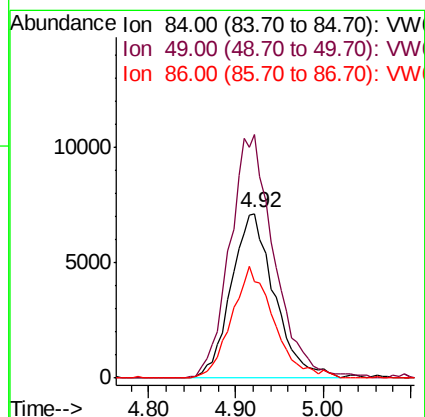
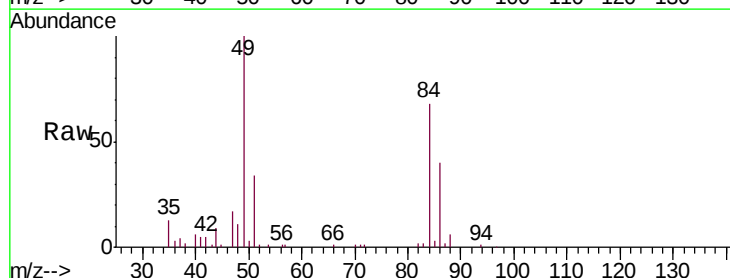
Tgt Ion: 84 Resp: 24626

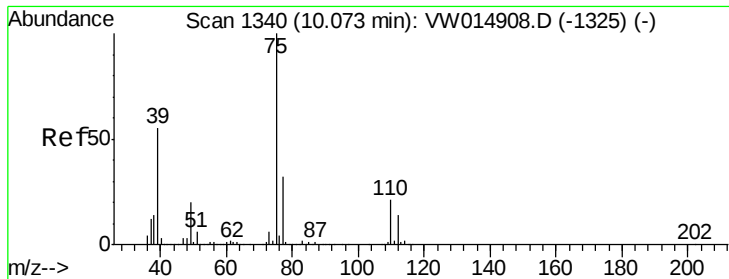
Ion Ratio Lower Upper

84 100

49 147.9 95.8 177.8

86 58.9 44.2 82.2

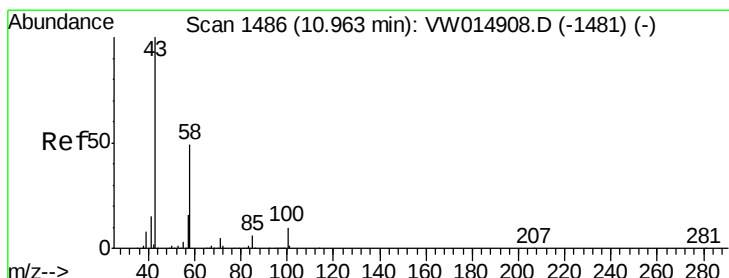
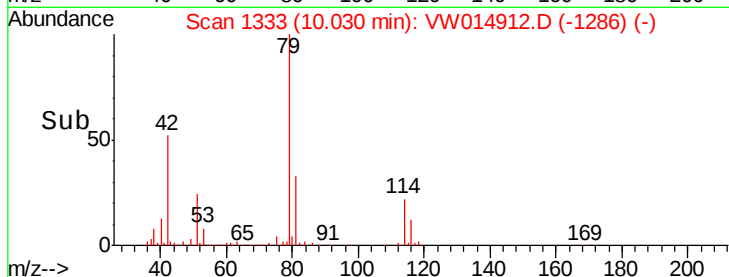
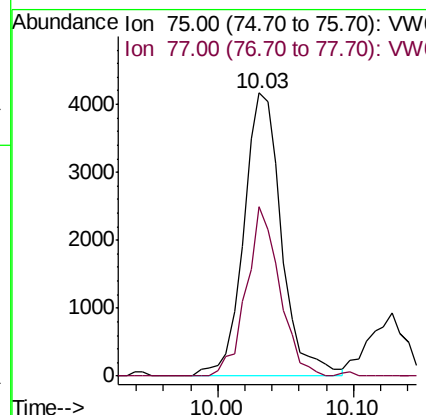
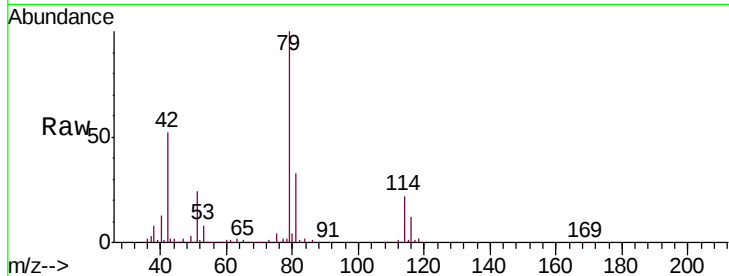




#42
 cis-1,3-Dichloropropene
 Concen: 0.451 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 8090
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.5 41.9#



#49
 2-Hexanone
 Concen: 2.441 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW014912.D
 Acq: 07 Feb 2020 11:42

Tgt Ion: 43 Resp: 14207
 Ion Ratio Lower Upper
 43 100
 58 28.0 42.2 63.2#
 57 34.6 14.5 21.7#
 100 5.8 8.6 12.8#

