

Data File : VW014913.D
Acq On : 07 Feb 2020 12:08
Operator : SY/VA
Sample : L1386-15
Misc : 4.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S13

Quant Time: Feb 08 04:02:26 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	815885	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	767022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	291128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	243700	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
7) Chloroethane-d5	2.89	69	244425	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
10) 1,1-Dichloroethene-d2	4.02	63	378862	15.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.40%
20) 2-Butanone-d5	7.07	46	158043	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
24) Chloroform-d	7.65	84	558055	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	8.30	65	316833	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.84%
29) Benzene-d6	8.27	84	1098606	22.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.08%
33) 1,2-Dichloropropane-d6	9.27	67	386953	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.28%
37) Toluene-d8	10.32	98	941368	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.58	79	125270	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.96%
39) 2-Hexanone-d5	10.93	63	107397	36.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	258181	21.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	281725	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

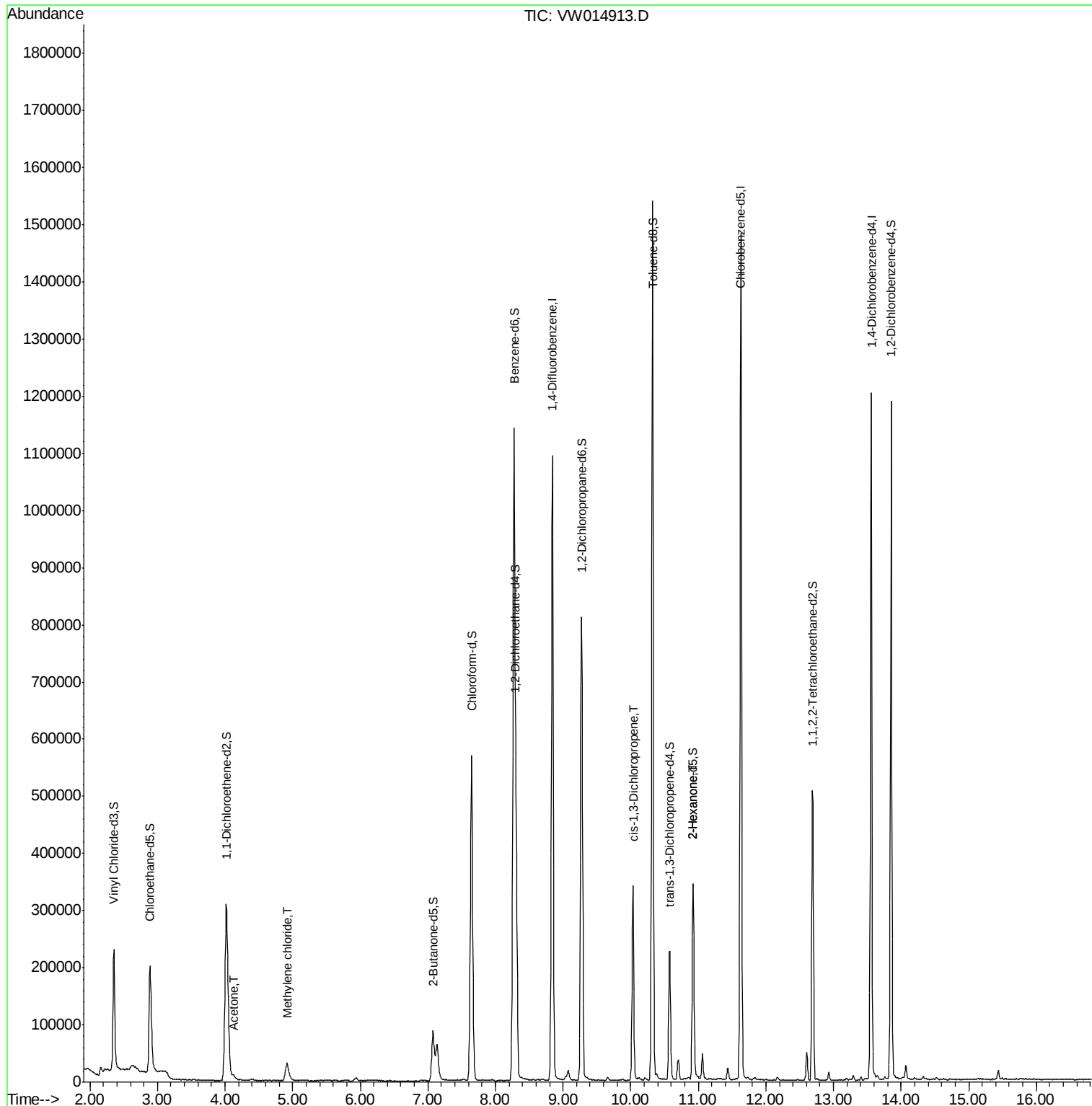
Target Compounds					Qvalue
13) Acetone	4.13	43	13020	3.328 ug/L	72
16) Methylene chloride	4.92	84	24729	1.664 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	8681	0.433 ug/L #	53
49) 2-Hexanone	10.92	43	16227	2.496 ug/L #	65

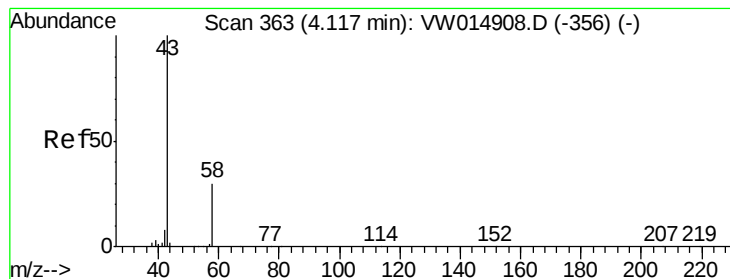
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.328 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 07 Feb 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

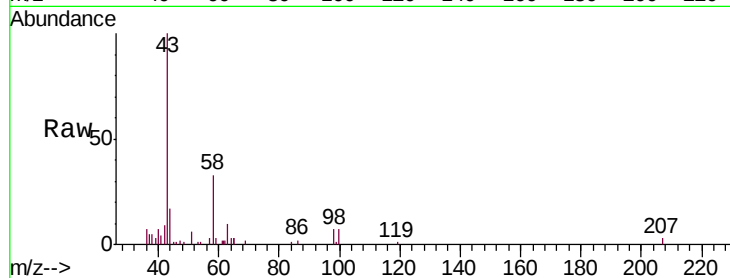
F3S13

Tgt Ion: 43 Resp: 13020

Ion Ratio Lower Upper

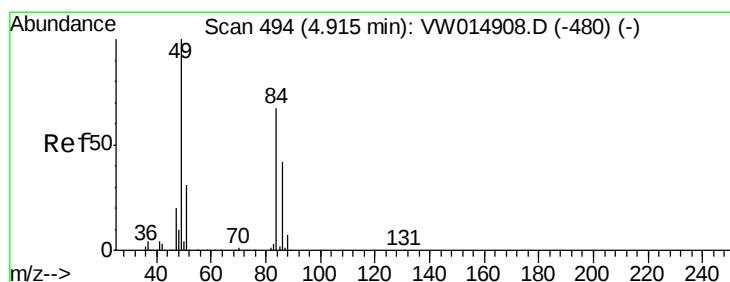
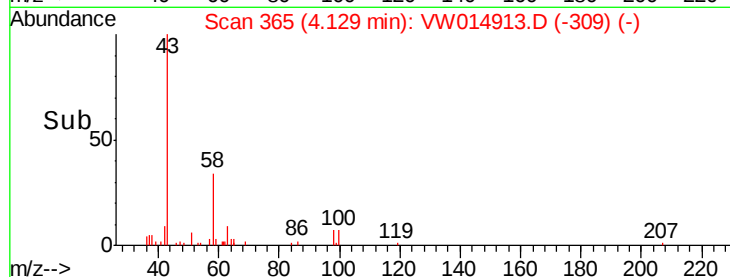
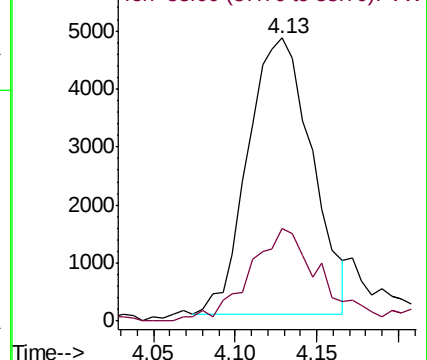
43 100

58 14.9 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.664 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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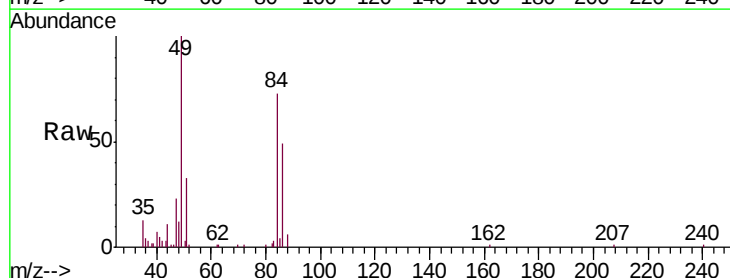
Tgt Ion: 84 Resp: 24729

Ion Ratio Lower Upper

84 100

49 136.2 95.8 177.8

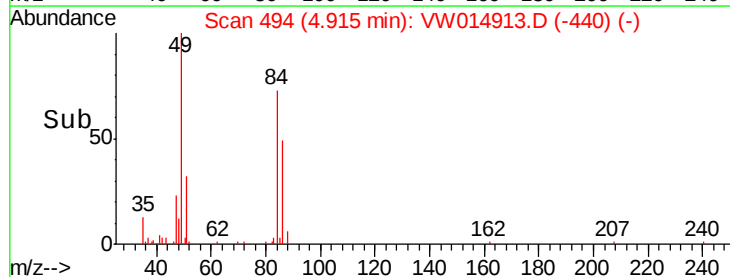
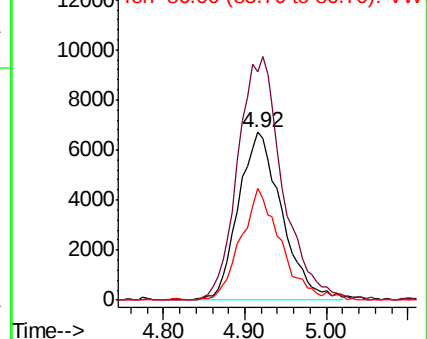
86 66.6 44.2 82.2

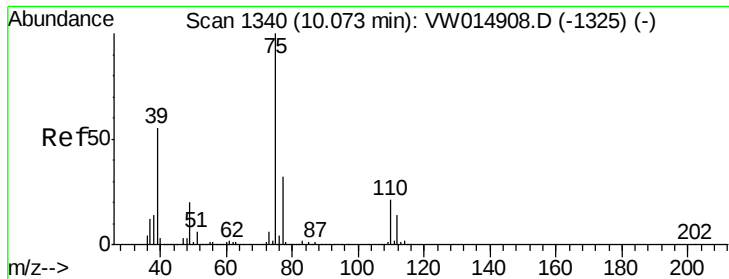


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

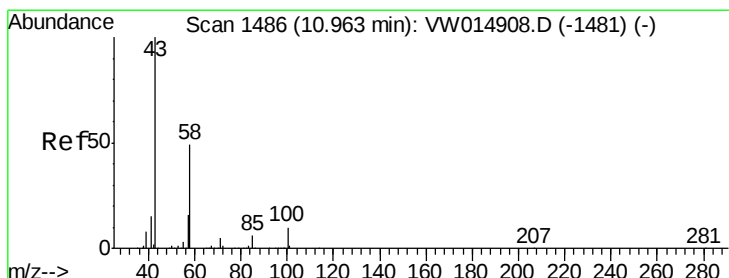
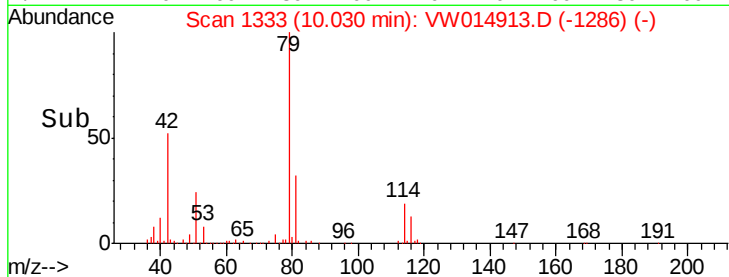
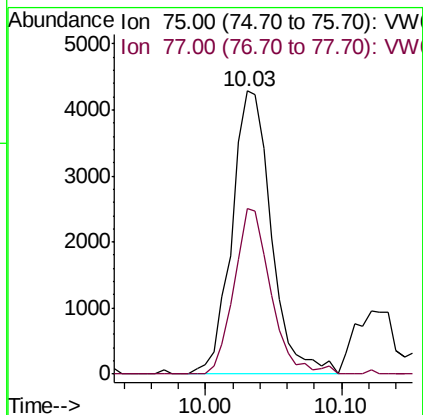
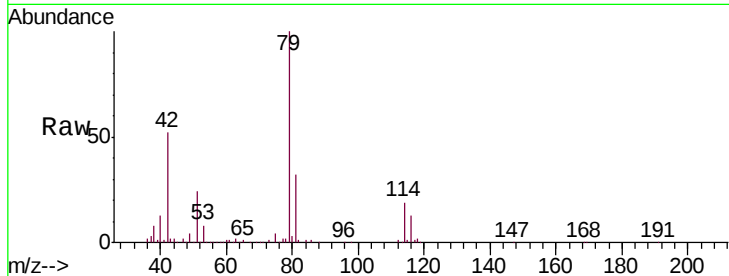
F3S13

Tgt Ion: 75 Resp: 8681

Ion Ratio Lower Upper

75 100

77 58.4 22.5 41.9#



#49

2-Hexanone

Concen: 2.496 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014913.D

Acq: 07 Feb 2020 12:08

Tgt Ion: 43 Resp: 16227

Ion Ratio Lower Upper

43 100

58 26.8 42.2 63.2#

57 34.7 14.5 21.7#

100 3.5 8.6 12.8#

