

Data File : VW014918.D
Acq On : 07 Feb 2020 14:19
Operator : SY/VA
Sample : L1386-20
Misc : 4.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S18

Quant Time: Feb 08 04:02:56 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	779886	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	734191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	278327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	246904	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.48%
7) Chloroethane-d5	2.89	69	245972	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
10) 1,1-Dichloroethene-d2	4.02	63	379672	16.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.40%
20) 2-Butanone-d5	7.07	46	148874	41.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.18%
24) Chloroform-d	7.65	84	556392	25.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	8.30	65	305422	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.68%
29) Benzene-d6	8.27	84	1089250	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	380050	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.32	98	928371	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	10.57	79	119890	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.92%
39) 2-Hexanone-d5	10.93	63	104854	37.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	247404	21.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	271311	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

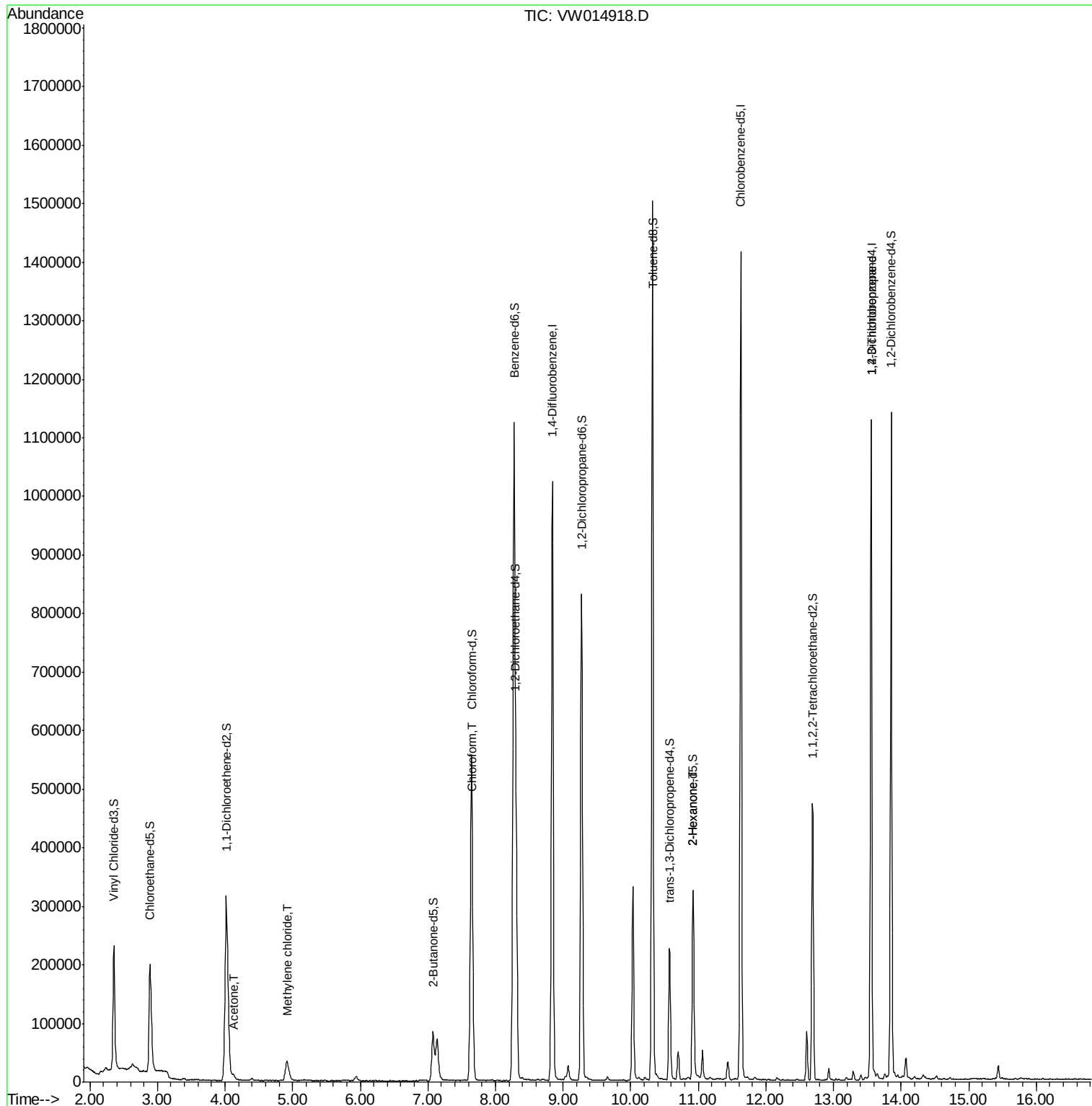
					Qvalue
13) Acetone	4.13	43	14417	3.855 ug/L	98
16) Methylene chloride	4.92	84	27648	1.946 ug/L	91
25) Chloroform	7.66	83	7655	0.367 ug/L #	18
49) 2-Hexanone	10.93	43	14835	2.384 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	39435	4.722 ug/L	95

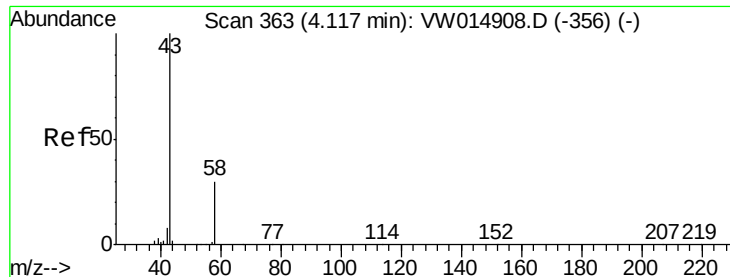
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.855 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

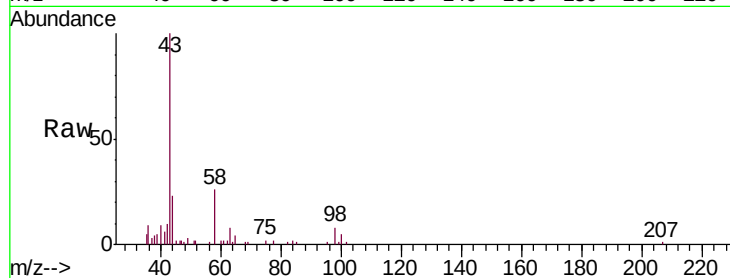
F3S18

Tgt Ion: 43 Resp: 14417

Ion Ratio Lower Upper

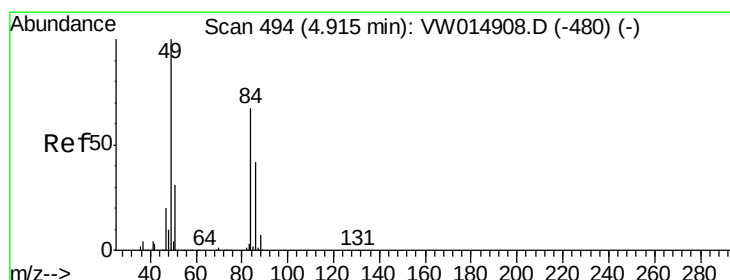
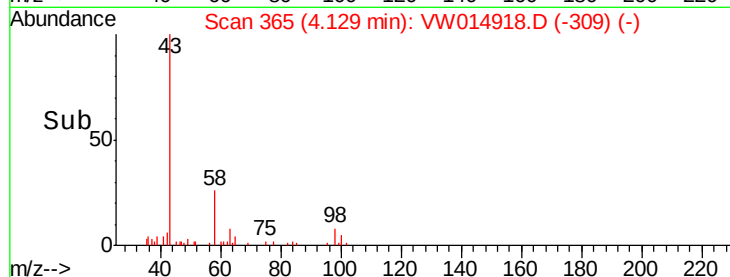
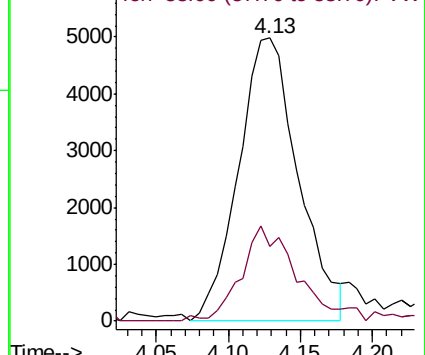
43 100

58 29.0 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: 1.946 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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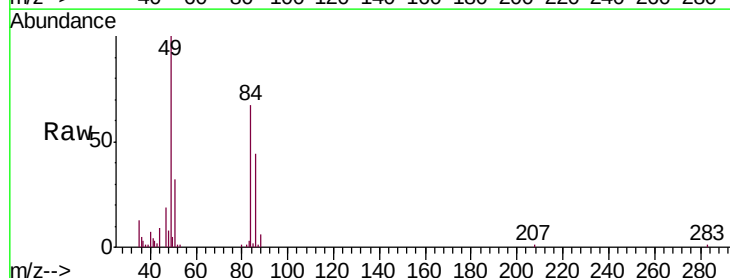
Tgt Ion: 84 Resp: 27648

Ion Ratio Lower Upper

84 100

49 150.1 95.8 177.8

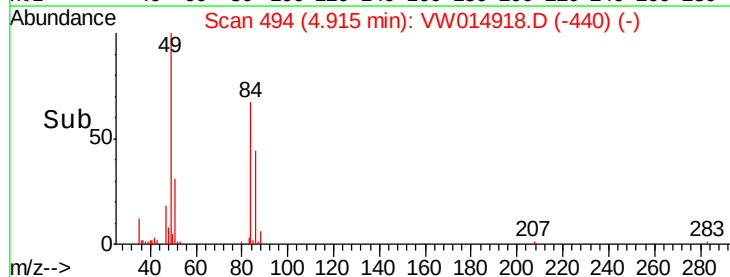
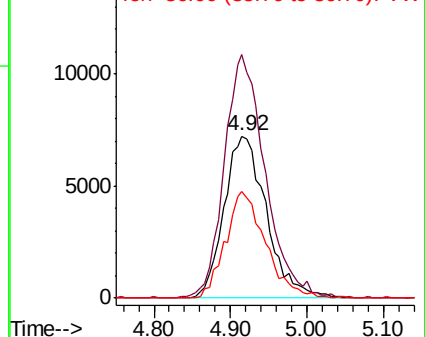
86 66.1 44.2 82.2

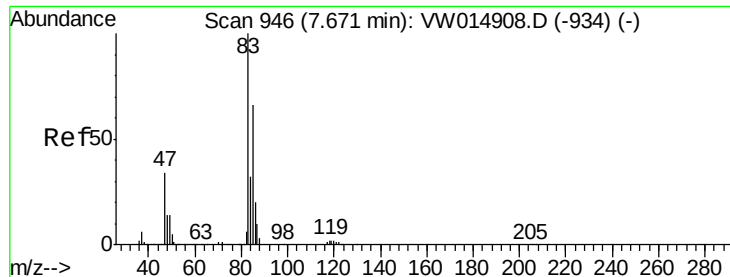


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 0.367 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

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ClientSampleId :

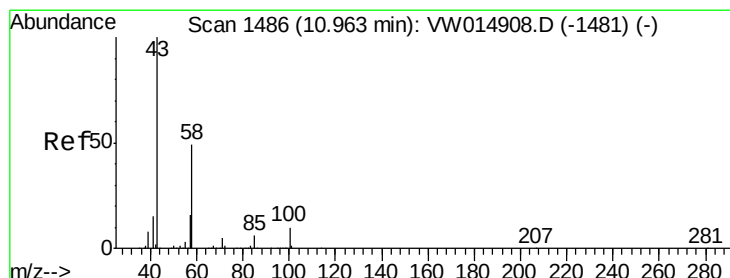
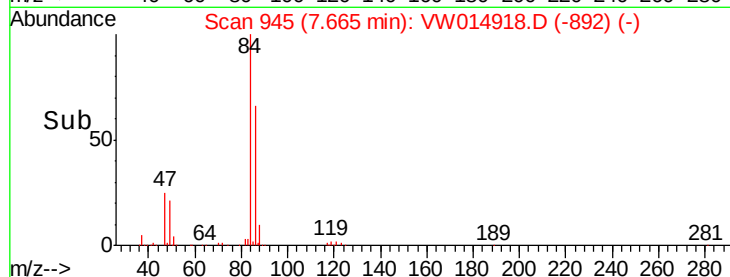
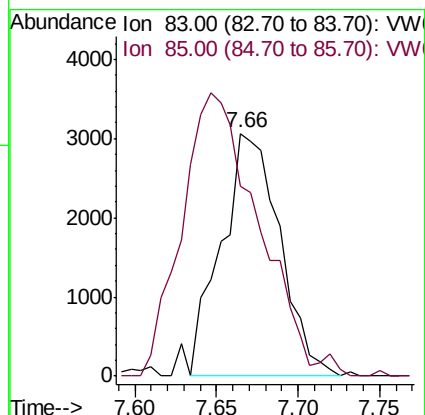
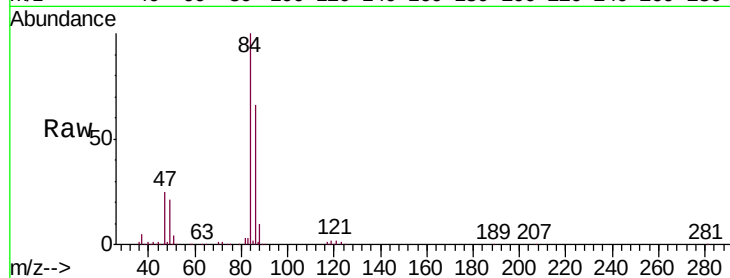
F3S18

Tgt Ion: 83 Resp: 7655

Ion Ratio Lower Upper

83 100

85 0.0 45.4 84.4#



#49

2-Hexanone

Concen: 2.384 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 07 Feb 2020 14:19

Tgt Ion: 43 Resp: 14835

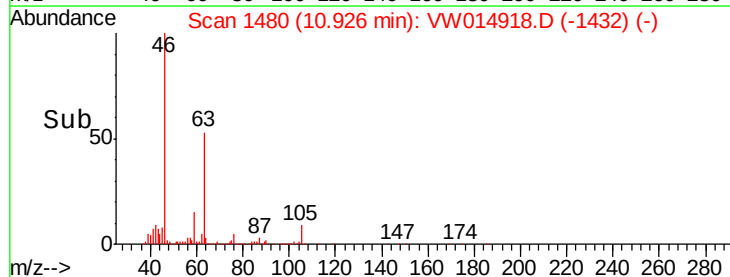
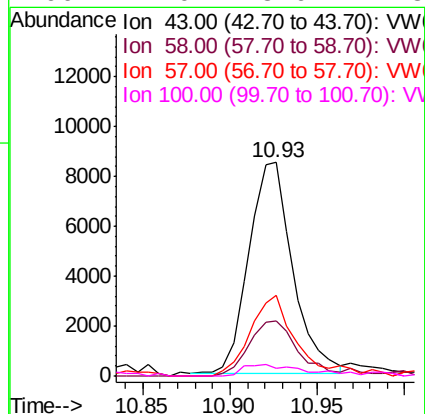
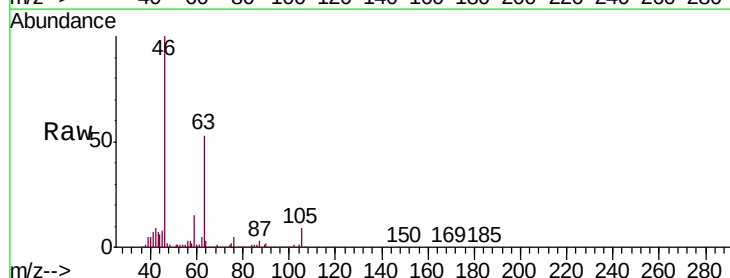
Ion Ratio Lower Upper

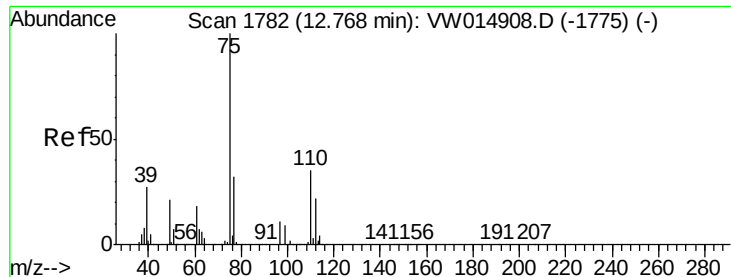
43 100

58 28.4 42.2 63.2#

57 37.1 14.5 21.7#

100 2.0 8.6 12.8#





#59

1,2,3-Trichloropropane

Concen: 4.722 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014918.D

Acq: 07 Feb 2020 14:19

Instrument :

MSVOA_W

ClientSampleId :

F3S18

Tgt Ion: 75 Resp: 39435

Ion Ratio Lower Upper

75 100

77 35.2 25.9 38.9

