

Data File : VW014926.D
Acq On : 07 Feb 2020 17:49
Operator : SY/VA
Sample : L1415-07
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S27

Quant Time: Feb 08 04:03:43 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	806114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	755468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285500	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	250807	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
7) Chloroethane-d5	2.89	69	251090	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
10) 1,1-Dichloroethene-d2	4.02	63	393064	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.07	46	162936	43.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.00%
24) Chloroform-d	7.65	84	567824	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	8.31	65	324989	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	8.27	84	1150152	23.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.68%
33) 1,2-Dichloropropane-d6	9.27	67	405550	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.48%
37) Toluene-d8	10.32	98	978331	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.52%
38) trans-1,3-Dichloropropene-	10.57	79	124816	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.88%
39) 2-Hexanone-d5	10.93	63	112787	39.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	240562	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	287903	26.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.00%

Target Compounds

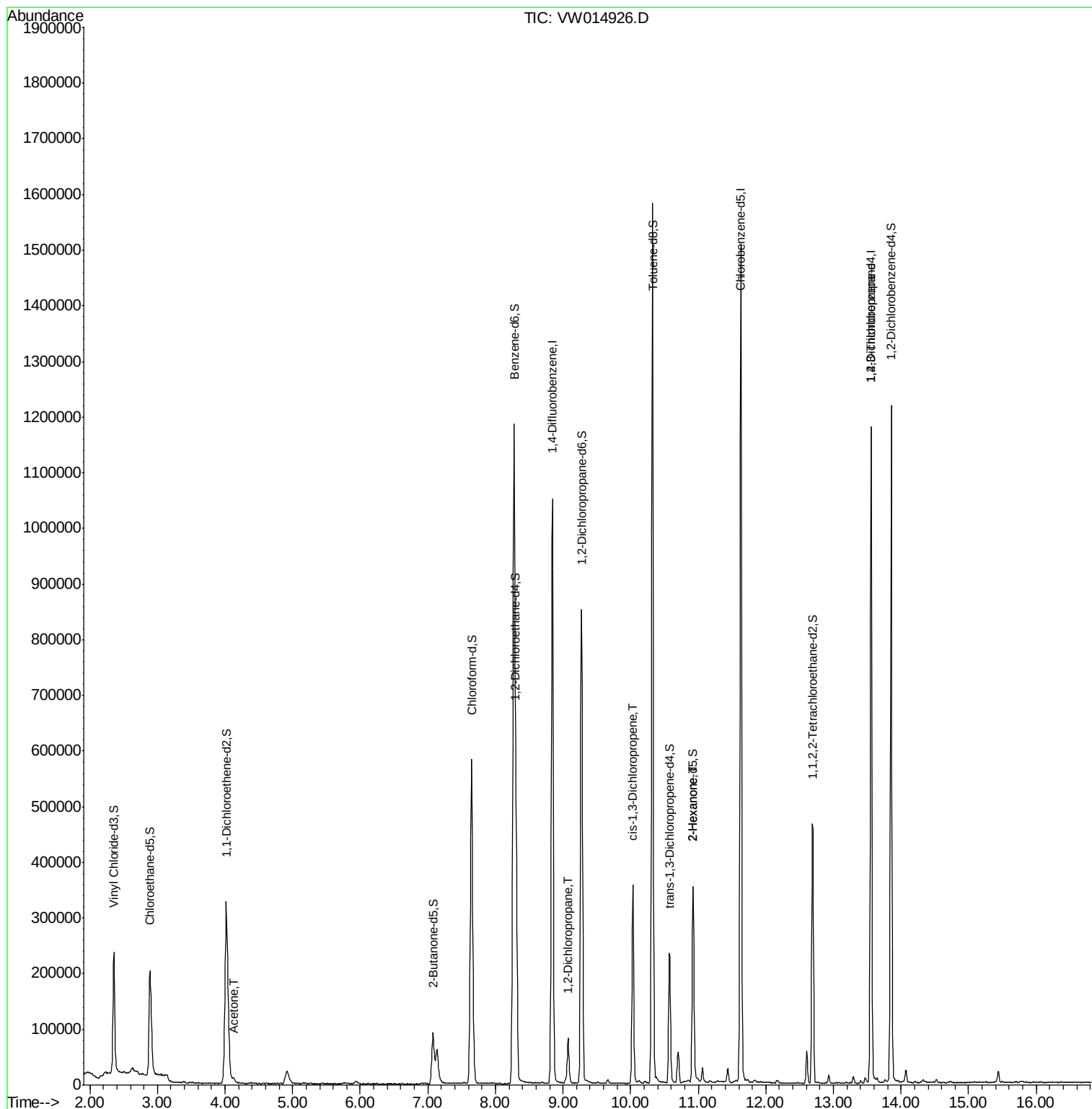
					Qvalue
13) Acetone	4.13	43	12756	3.300 ug/L	97
40) 1,2-Dichloropropane	9.07	63	5006	0.360 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	8700	0.441 ug/L #	77
49) 2-Hexanone	10.93	43	16916	2.642 ug/L #	67
59) 1,2,3-Trichloropropane	13.55	75	42758	4.975 ug/L	93

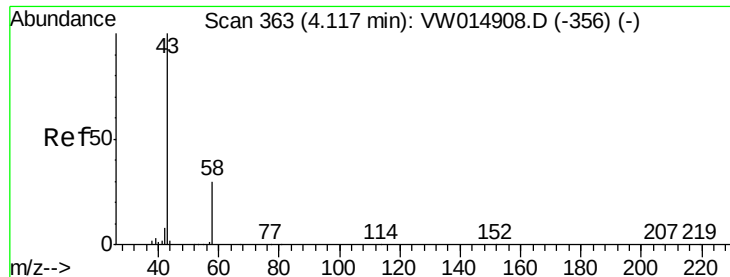
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.300 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 07 Feb 2020 17:49

Instrument :

MSVOA_W

ClientSampleId :

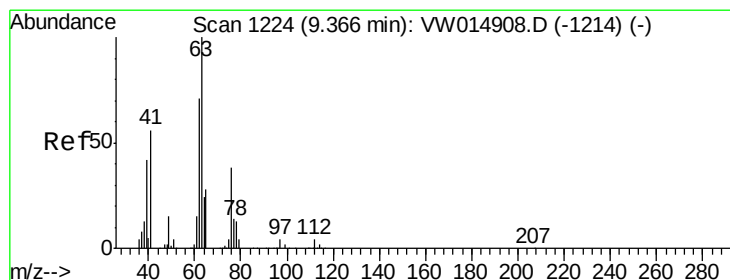
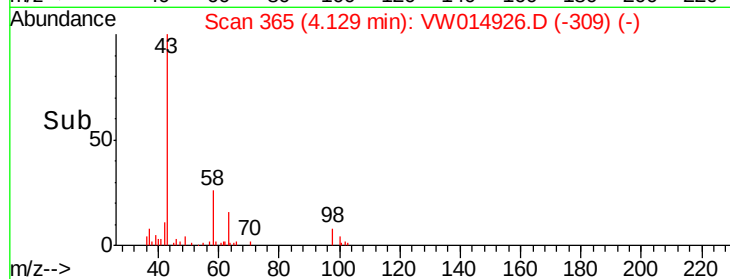
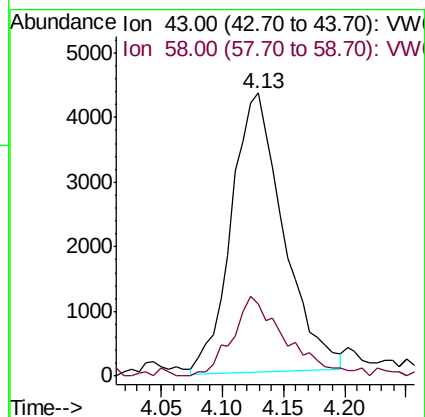
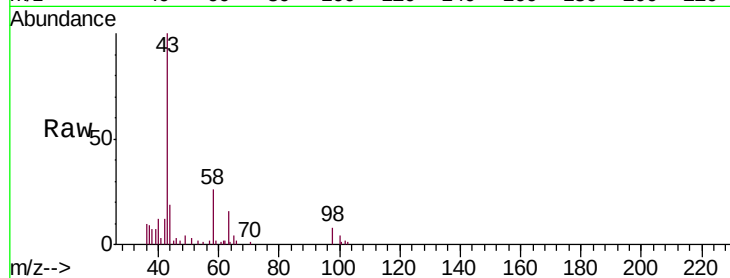
F3S27

Tgt Ion: 43 Resp: 12756

Ion Ratio Lower Upper

43 100

58 28.4 0.0 60.4



#40

1,2-Dichloropropane

Concen: 0.360 ug/L

RT: 9.07 min Scan# 1175

Delta R.T. -0.30 min

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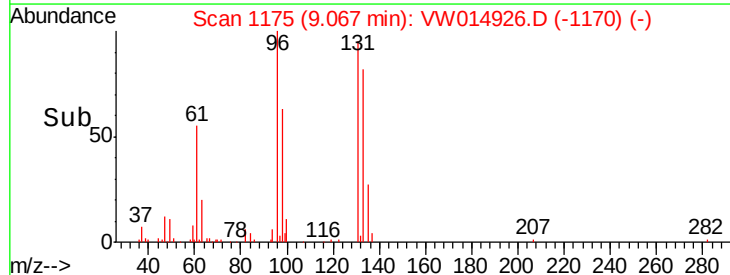
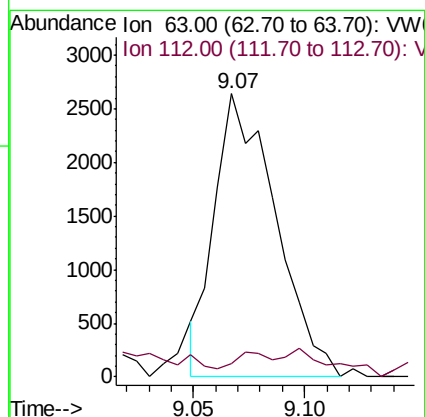
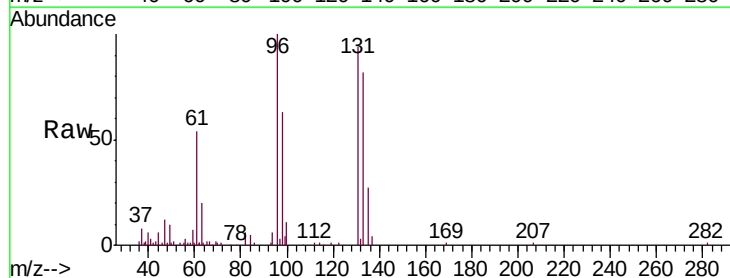
Acq: 07 Feb 2020 17:49

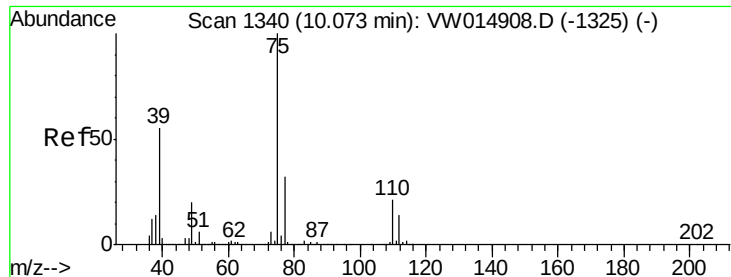
Tgt Ion: 63 Resp: 5006

Ion Ratio Lower Upper

63 100

112 3.4 3.1 4.7





#42

cis-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Acq: 07 Feb 2020 17:49

Instrument :

MSVOA_W

ClientSampled :

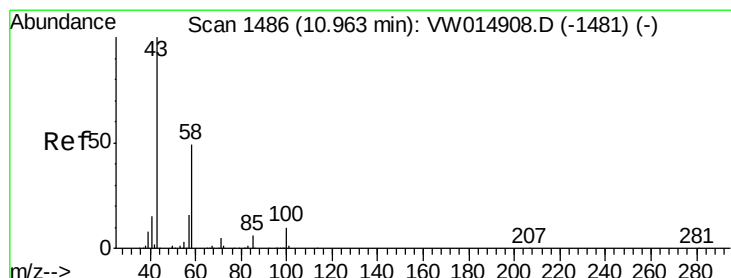
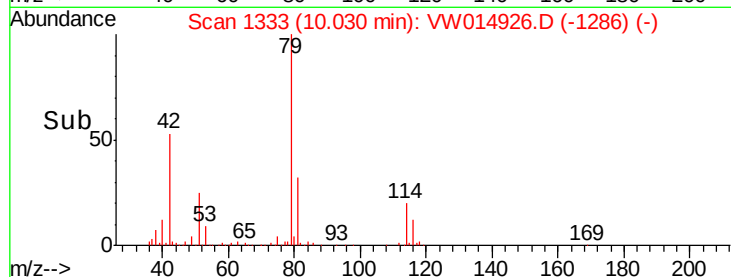
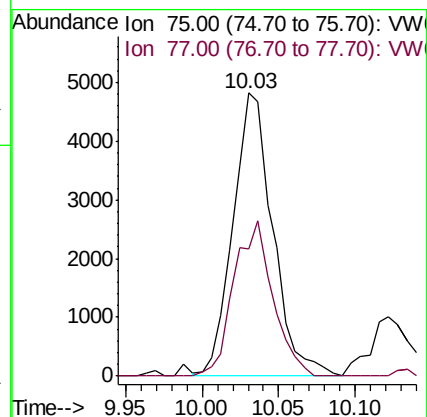
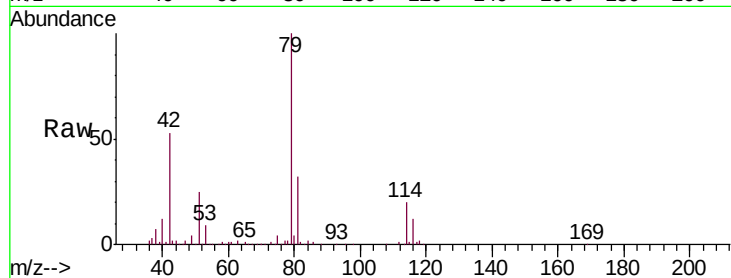
F3S27

Tgt Ion: 75 Resp: 8700

Ion Ratio Lower Upper

75 100

77 45.1 22.5 41.9#



#49

2-Hexanone

Concen: 2.642 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 16916

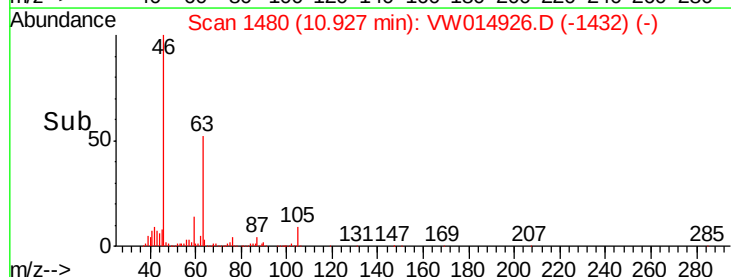
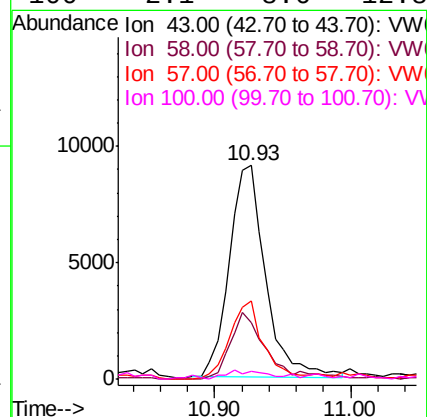
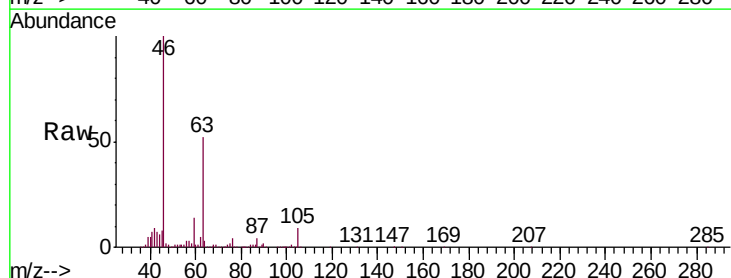
Ion Ratio Lower Upper

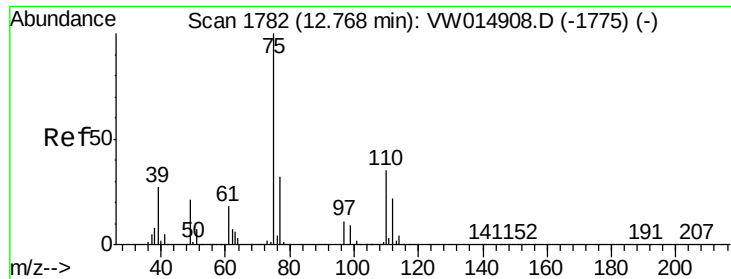
43 100

58 28.1 42.2 63.2#

57 33.9 14.5 21.7#

100 2.1 8.6 12.8#





#59

1,2,3-Trichloropropane

Concen: 4.975 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

ClientSampleId :

F3S27

Tgt Ion: 75 Resp: 42758

Ion Ratio Lower Upper

75 100

77 36.0 25.9 38.9

