

Data File : VW014401.D
Acq On : 17 Dec 2019 19:00
Operator : SY/VA
Sample : K6277-20
Misc : 4.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C93

Quant Time: Dec 18 01:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	805524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	497000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76149	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	253098	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
7) Chloroethane-d5	2.89	69	231067	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.92%
10) 1,1-Dichloroethene-d2	4.01	63	348377	16.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	173169	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
24) Chloroform-d	7.64	84	577602	28.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.64%
26) 1,2-Dichloroethane-d4	8.30	65	305103	28.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.48%
29) Benzene-d6	8.27	84	1117568	38.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.48%#
33) 1,2-Dichloropropane-d6	9.27	67	381830	42.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.44%#
37) Toluene-d8	10.32	98	767227	29.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.52%
38) trans-1,3-Dichloropropene-	10.57	79	84174	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.56%
39) 2-Hexanone-d5	10.92	63	121117	67.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	264550	36.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	99298	34.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.48%#

Target Compounds

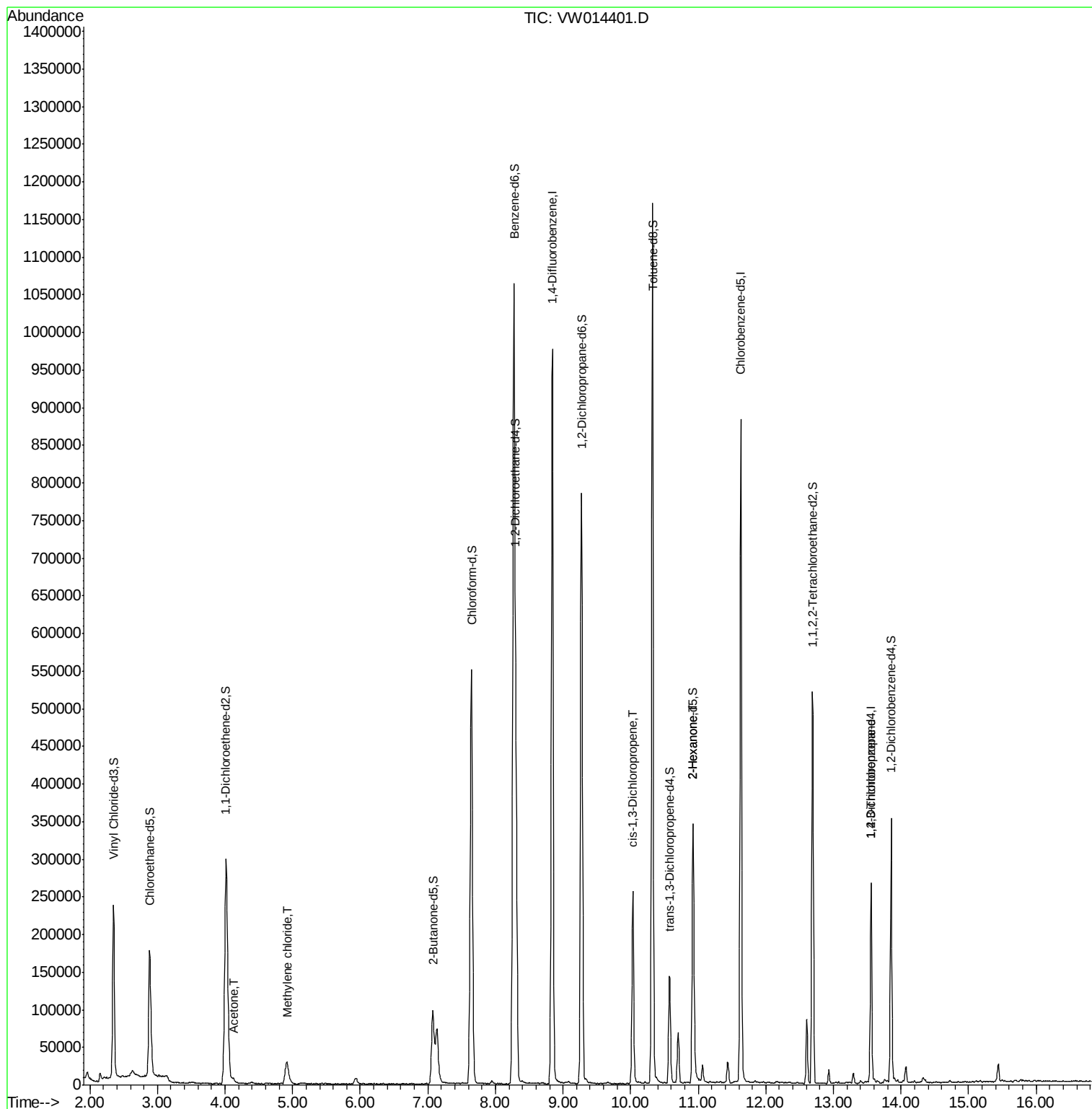
					Qvalue
13) Acetone	4.12	43	9452	3.084 ug/L	92
16) Methylene chloride	4.91	84	24521	1.986 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	6060	0.501 ug/L #	64
49) 2-Hexanone	10.93	43	15066	3.970 ug/L #	70
59) 1,2,3-Trichloropropane	13.55	75	9047	1.619 ug/L	91

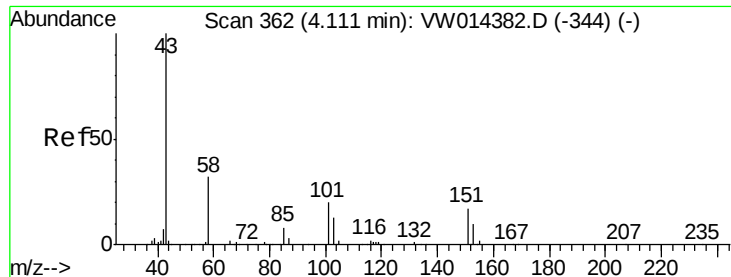
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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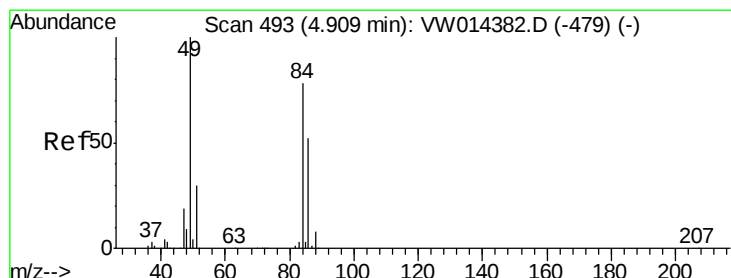
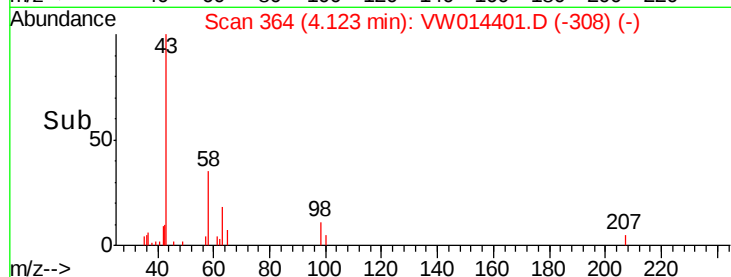
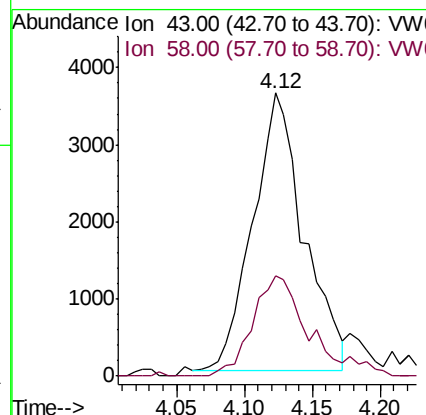
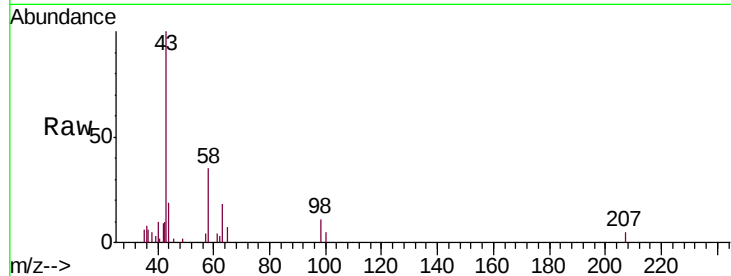




#13
Acetone
Concen: 3.084 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014401.D
Acq: 17 Dec 2019 19:00

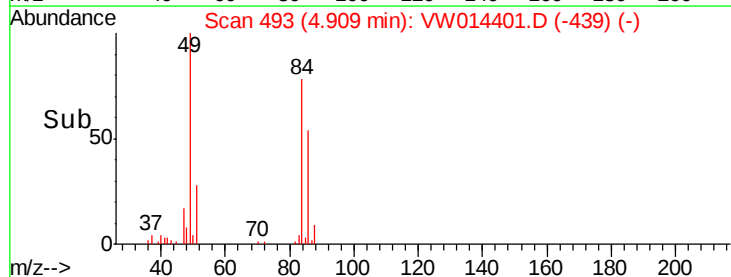
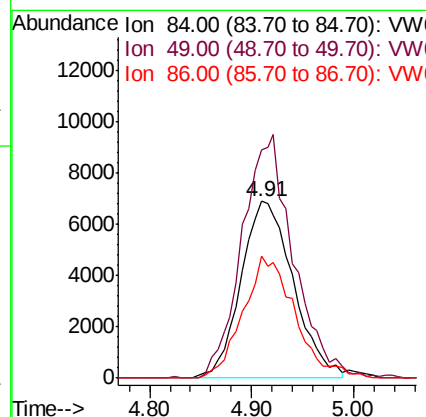
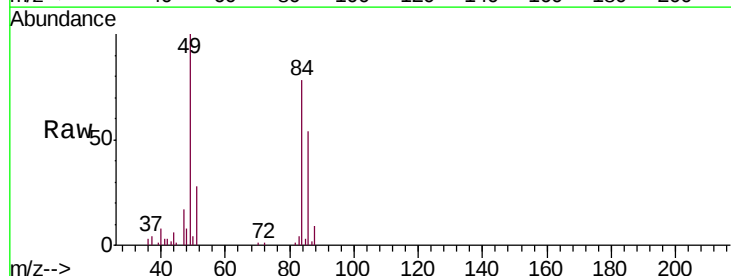
Instrument :
MSVOA_W
ClientSampled :
C0C93

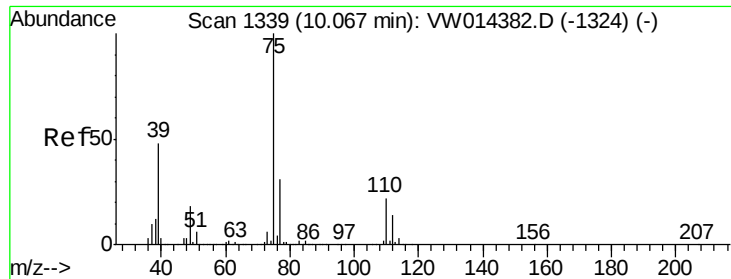
Tgt Ion: 43 Resp: 9452
Ion Ratio Lower Upper
43 100
58 37.2 0.0 65.4



#16
Methylene chloride
Concen: 1.986 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014401.D
Acq: 17 Dec 2019 19:00

Tgt Ion: 84 Resp: 24521
Ion Ratio Lower Upper
84 100
49 128.8 84.2 156.4
86 69.2 43.7 81.1





#42

cis-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014401.D

Acq: 17 Dec 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

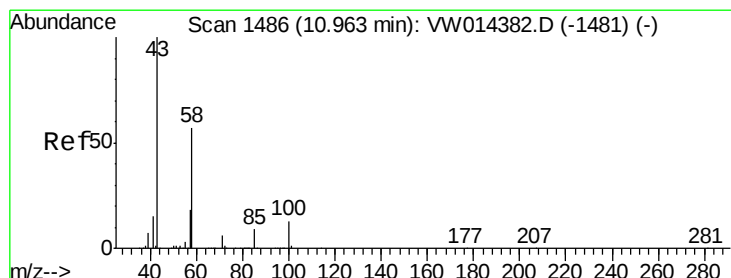
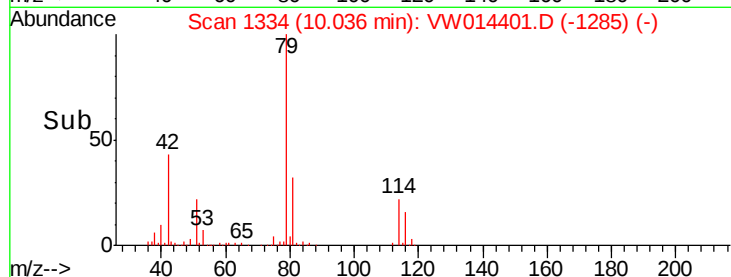
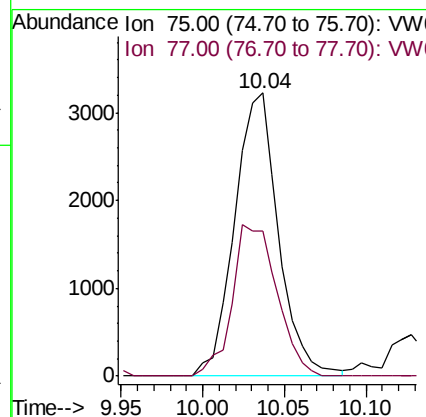
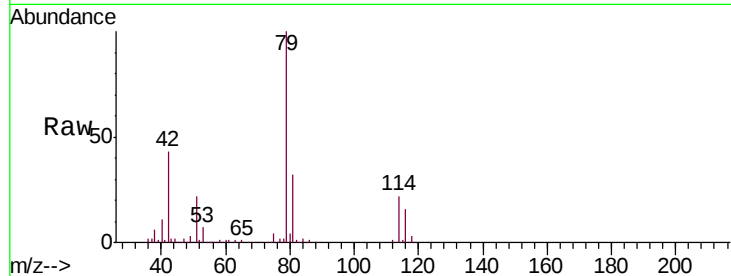
C0C93

Tgt Ion: 75 Resp: 6060

Ion Ratio Lower Upper

75 100

77 51.4 22.1 41.1#



#49

2-Hexanone

Concen: 3.970 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014401.D

Acq: 17 Dec 2019 19:00

Tgt Ion: 43 Resp: 15066

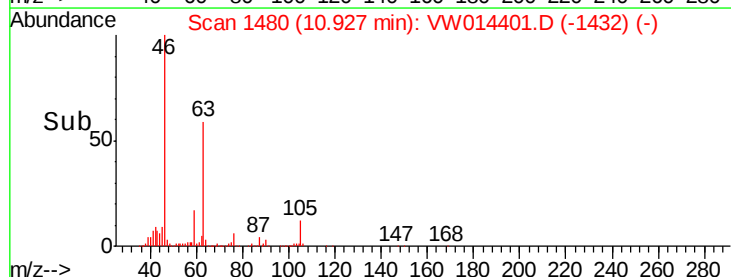
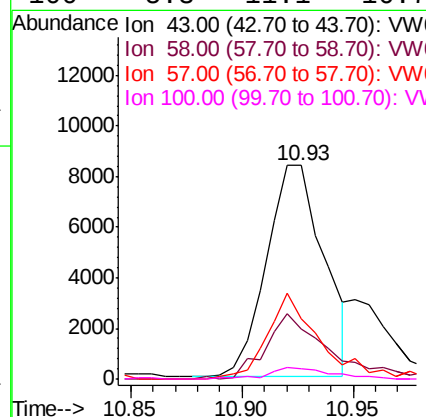
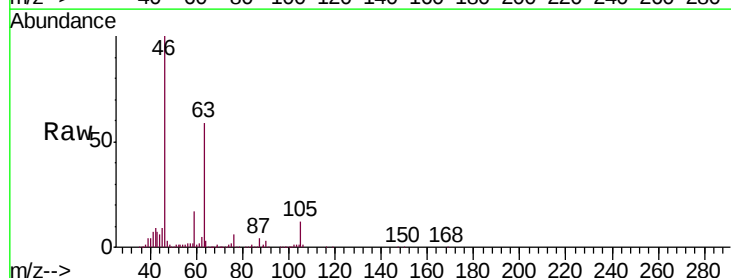
Ion Ratio Lower Upper

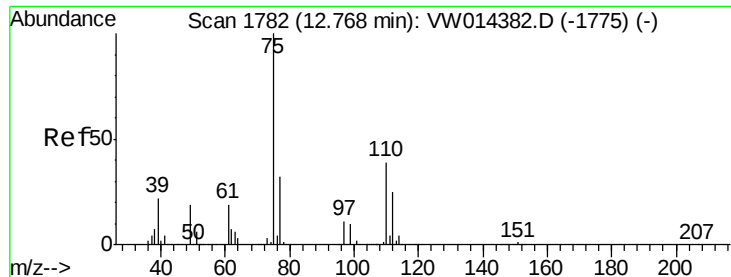
43 100

58 32.9 44.4 66.6#

57 36.4 16.5 24.7#

100 5.3 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 1.619 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014401.D

Acq: 17 Dec 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

C0C93

Tgt Ion: 75 Resp: 9047

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9

