

Data File : VW014396.D
Acq On : 17 Dec 2019 16:48
Operator : SY/VA
Sample : K6277-13RE
Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C48RE

Quant Time: Dec 18 01:41:58 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	816587	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	535132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	124667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	265064	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
7) Chloroethane-d5	2.89	69	232111	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
10) 1,1-Dichloroethene-d2	4.01	63	372710	17.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.24%
20) 2-Butanone-d5	7.07	46	134822	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
24) Chloroform-d	7.65	84	577835	27.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.16%
26) 1,2-Dichloroethane-d4	8.31	65	278051	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.04%
29) Benzene-d6	8.27	84	1132262	36.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.40%#
33) 1,2-Dichloropropane-d6	9.27	67	375051	38.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	155.48%#
37) Toluene-d8	10.32	98	834219	29.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.68%
38) trans-1,3-Dichloropropene-	10.58	79	81877	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.92%
39) 2-Hexanone-d5	10.92	63	89088	46.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	223580	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	130796	27.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.84%

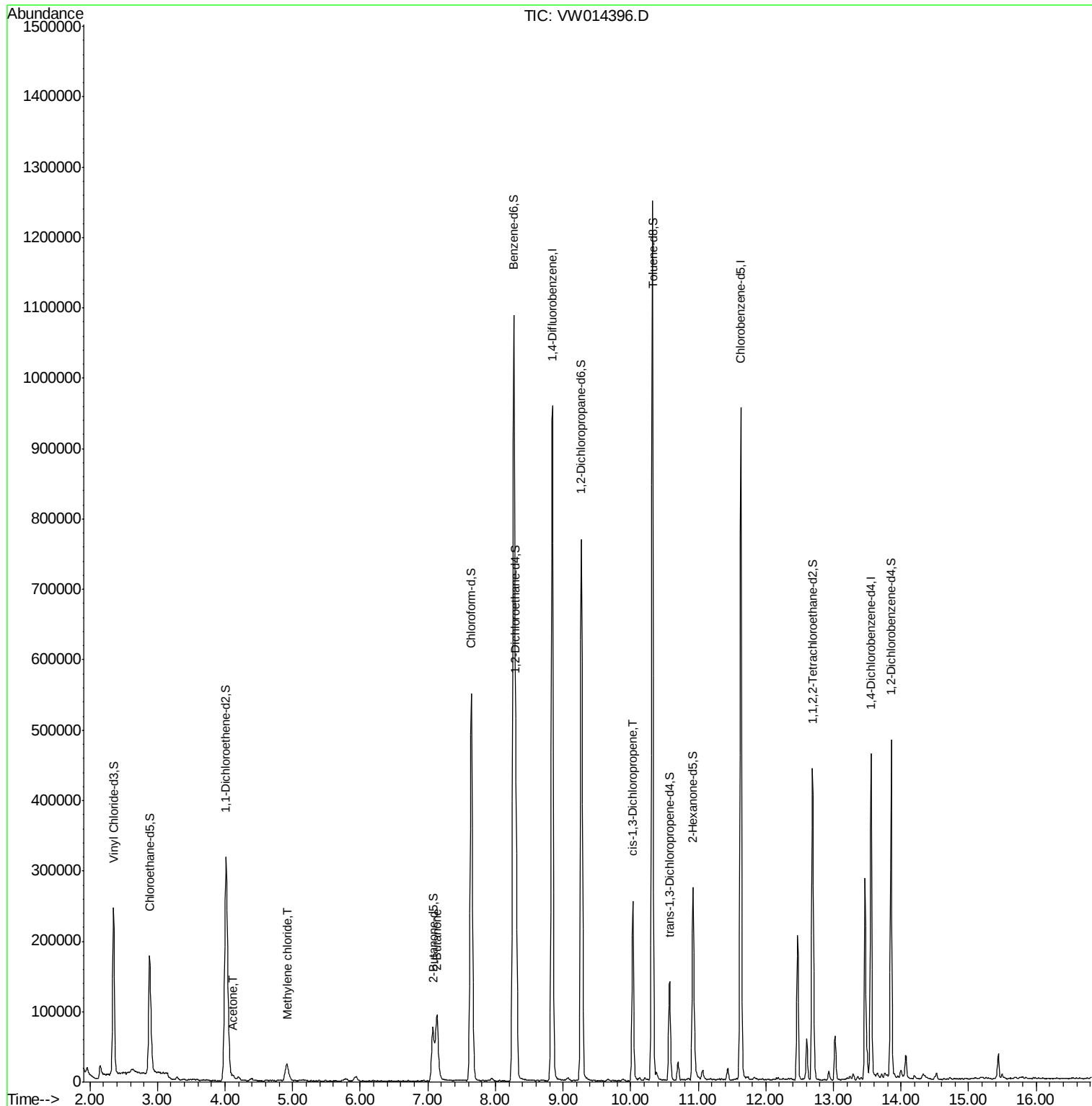
Target Compounds						Qvalue
13) Acetone	4.12	43	8538	2.748	ug/L	93
16) Methylene chloride	4.92	84	20722	1.655	ug/L	96
21) 2-Butanone	7.14	43	24632	5.905	ug/L #	50
42) cis-1,3-Dichloropropene	10.03	75	6029	0.462	ug/L #	45

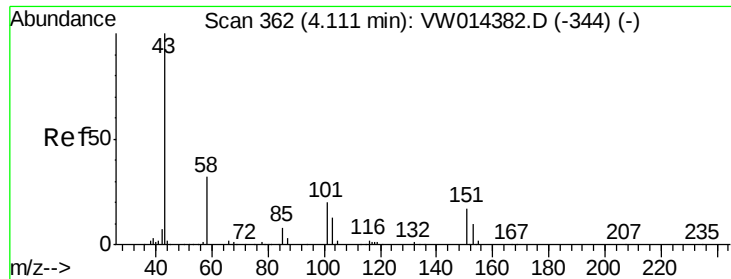
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.748 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

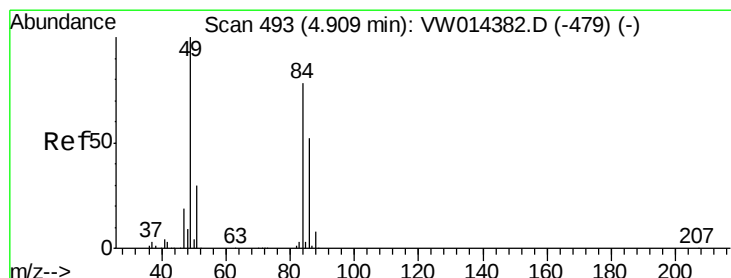
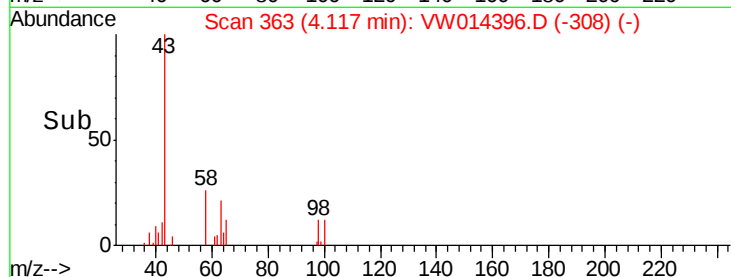
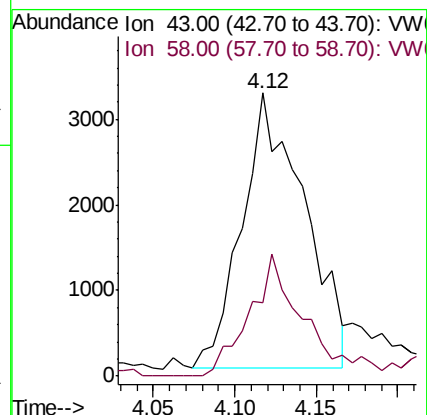
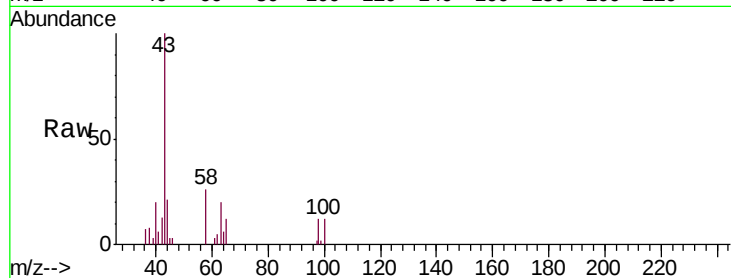
C0C48RE

Tgt Ion: 43 Resp: 8538

Ion Ratio Lower Upper

43 100

58 36.9 0.0 65.4



#16

Methylene chloride

Concen: 1.655 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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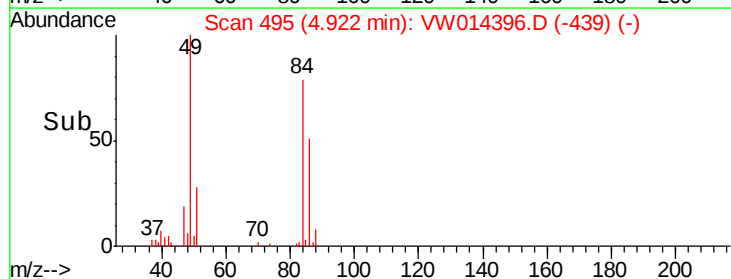
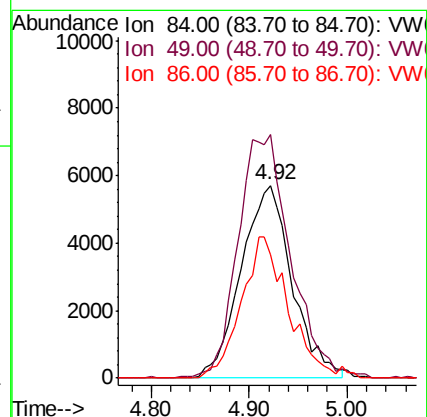
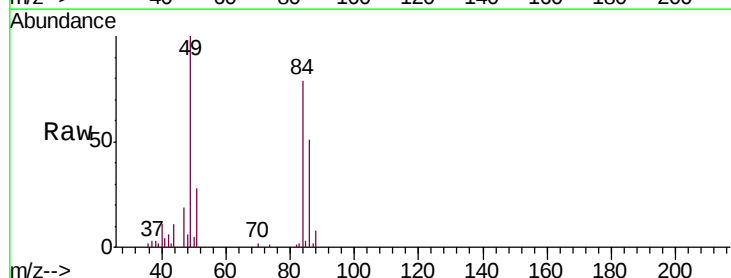
Tgt Ion: 84 Resp: 20722

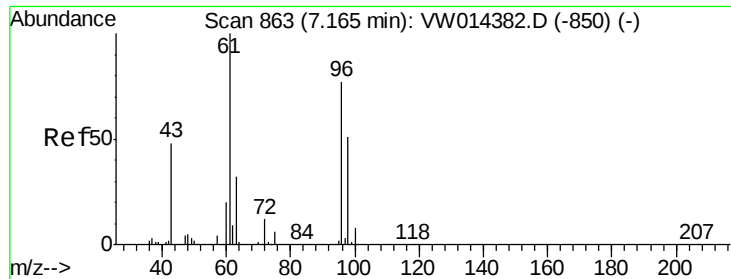
Ion Ratio Lower Upper

84 100

49 126.5 84.2 156.4

86 64.0 43.7 81.1





#21

2-Butanone

Concen: 5.905 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

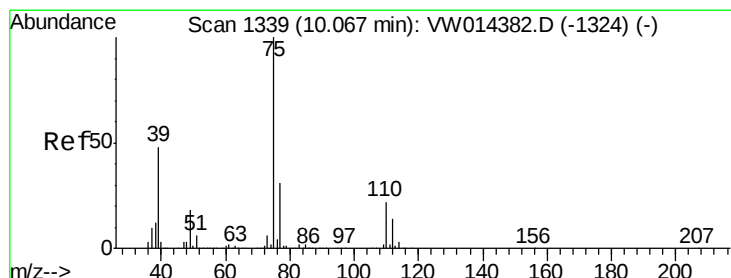
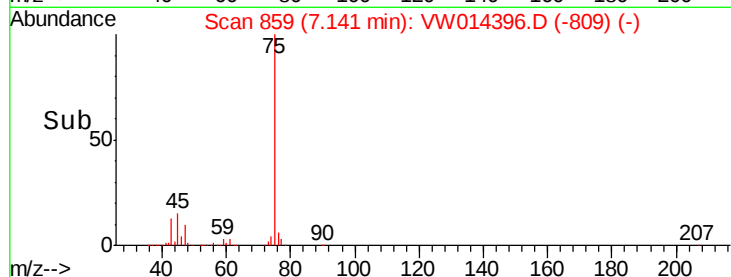
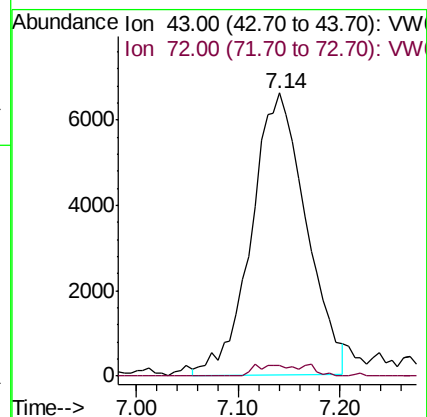
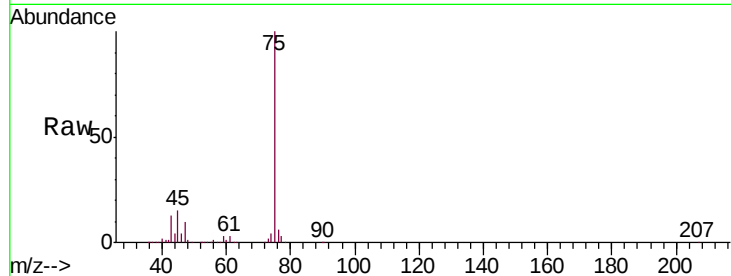
C0C48RE

Tgt Ion: 43 Resp: 24632

Ion Ratio Lower Upper

43 100

72 1.9 14.1 42.2#



#42

cis-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014396.D

Acq: 17 Dec 2019 16:48

Tgt Ion: 75 Resp: 6029

Ion Ratio Lower Upper

75 100

77 62.1 22.1 41.1#

