

Data File : VW014313.D
Acq On : 11 Dec 2019 19:26
Operator : SY/VA
Sample : K6172-19RE
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C21RE

Quant Time: Dec 12 11:31:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 12 04:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	962292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	679177	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	139621	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	321122	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.16%
7) Chloroethane-d5	2.89	69	277307	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
10) 1,1-Dichloroethene-d2	4.01	63	422238	16.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.64%
20) 2-Butanone-d5	7.07	46	189052	49.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.58%
24) Chloroform-d	7.64	84	657590	26.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	8.30	65	336229	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.68%
29) Benzene-d6	8.27	84	1342671	33.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.92%
33) 1,2-Dichloropropane-d6	9.27	67	436997	35.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.72%#
37) Toluene-d8	10.32	98	1040814	28.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.68%
38) trans-1,3-Dichloropropene-	10.57	79	105148	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.88%
39) 2-Hexanone-d5	10.92	63	134635	55.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	299301	29.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	199703	37.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	149.72%#

Target Compounds

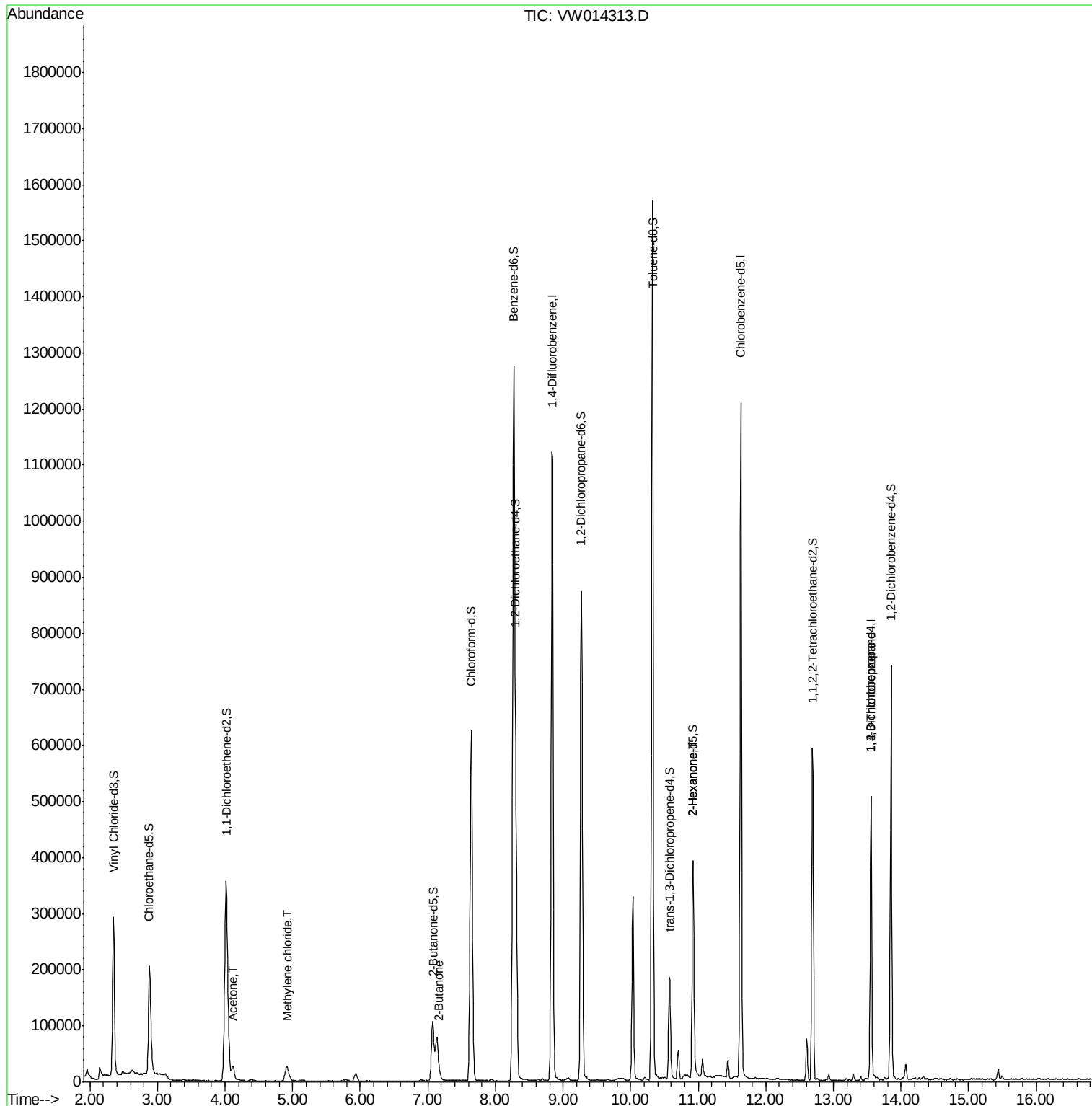
					Qvalue
13) Acetone	4.12	43	43316	11.831 ug/L	99
16) Methylene chloride	4.91	84	24883	1.687 ug/L	90
21) 2-Butanone	7.17	43	16350	3.326 ug/L	84
49) 2-Hexanone	10.93	43	16692	3.218 ug/L #	68
59) 1,2,3-Trichloropropane	13.55	75	16596	2.174 ug/L	90

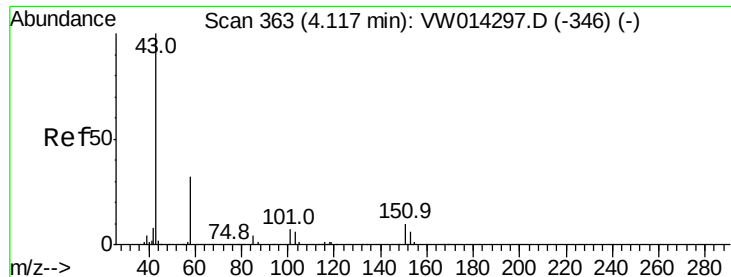
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.831 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 11 Dec 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

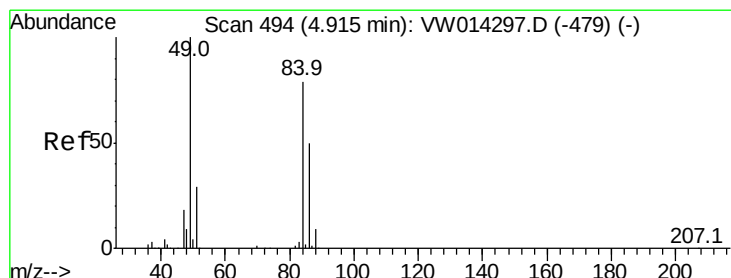
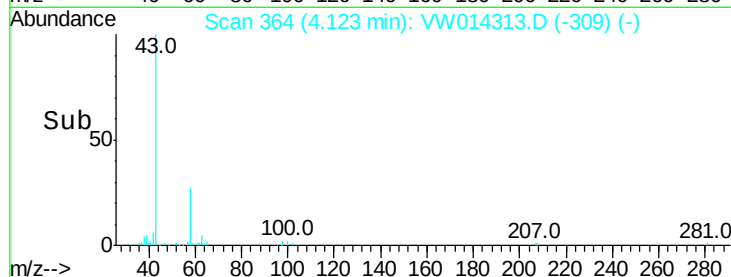
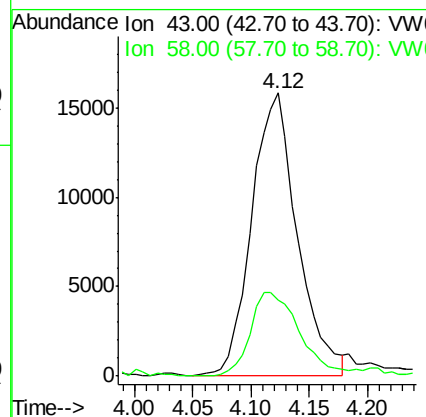
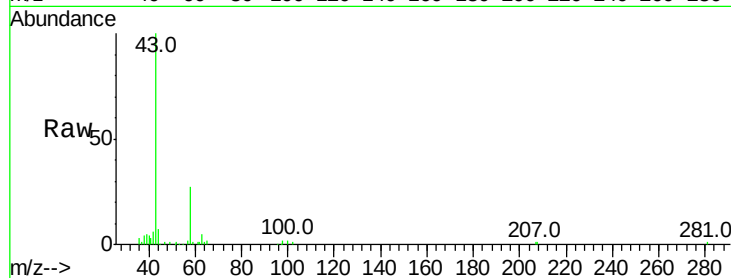
C0C21RE

Tgt Ion: 43 Resp: 43316

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.4



#16

Methylene chloride

Concen: 1.687 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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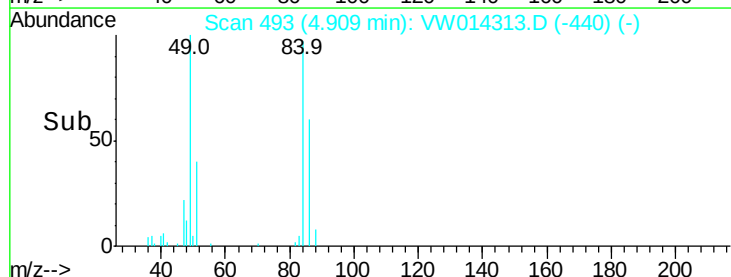
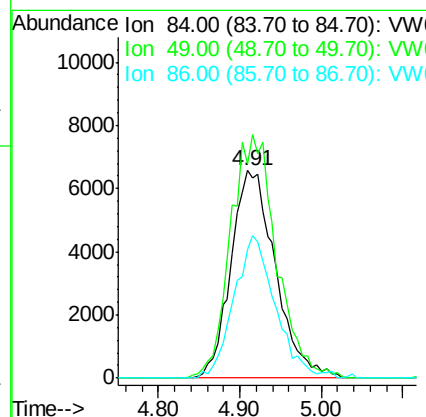
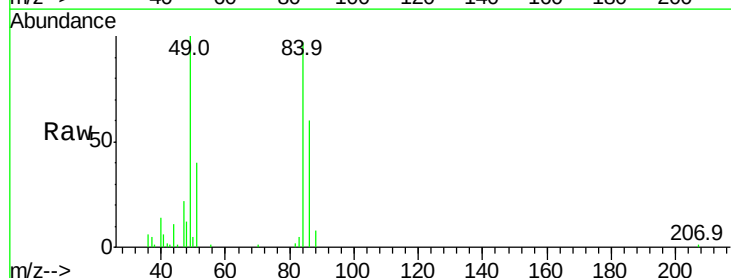
Tgt Ion: 84 Resp: 24883

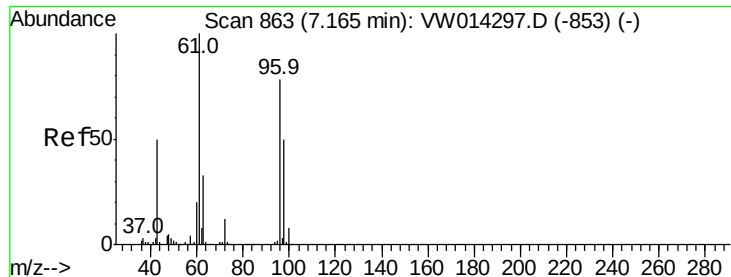
Ion Ratio Lower Upper

84 100

49 103.2 84.2 156.4

86 61.9 43.7 81.1





#21

2-Butanone

Concen: 3.326 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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Acq: 11 Dec 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

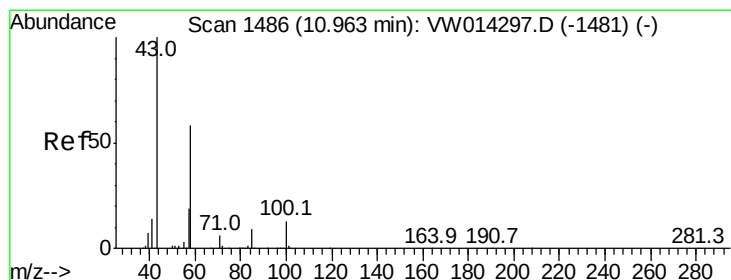
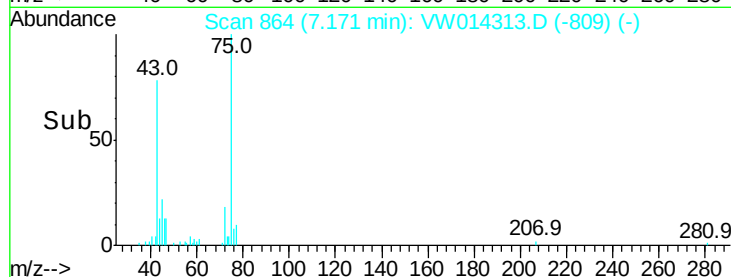
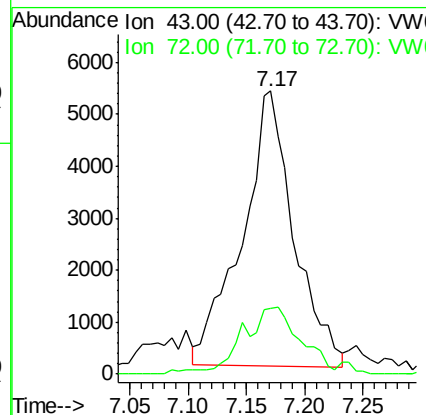
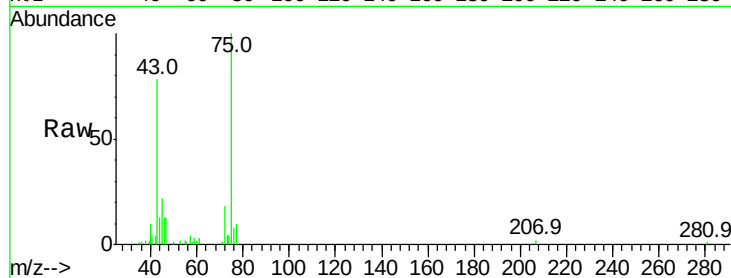
C0C21RE

Tgt Ion: 43 Resp: 16350

Ion Ratio Lower Upper

43 100

72 19.9 14.1 42.2



#49

2-Hexanone

Concen: 3.218 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 16692

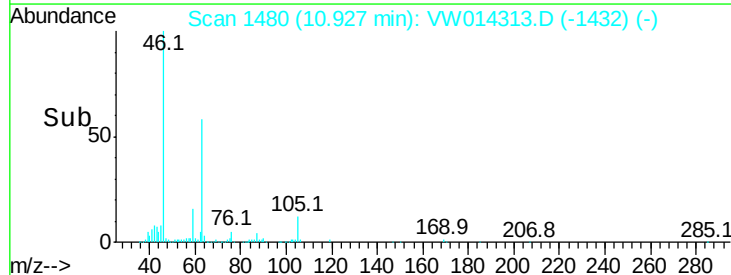
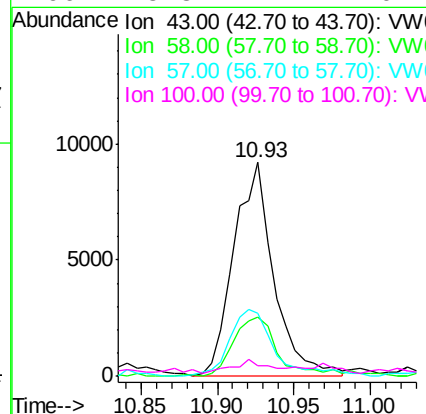
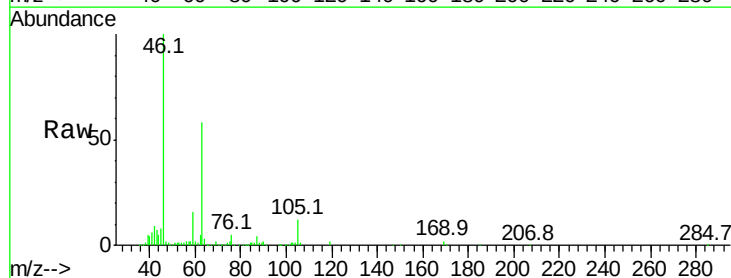
Ion Ratio Lower Upper

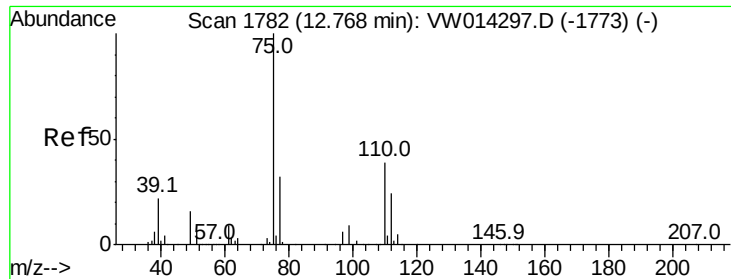
43 100

58 29.3 44.4 66.6#

57 34.5 16.5 24.7#

100 5.8 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 2.174 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Acq: 11 Dec 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

C0C21RE

Tgt Ion: 75 Resp: 16596

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9

