

Data File : VW014377.D
Acq On : 16 Dec 2019 18:53
Operator : SY/VA
Sample : K6277-13
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C48

Quant Time: Dec 17 07:31:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	671133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473224	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	224298	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.89	69	203021	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
10) 1,1-Dichloroethene-d2	4.01	63	302868	16.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.48%
20) 2-Butanone-d5	7.07	46	120610	45.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.08%
24) Chloroform-d	7.65	84	494229	28.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.68%
26) 1,2-Dichloroethane-d4	8.30	65	265638	29.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.60%
29) Benzene-d6	8.27	84	948742	34.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.84%#
33) 1,2-Dichloropropane-d6	9.27	67	332957	39.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.08%#
37) Toluene-d8	10.32	98	686589	27.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.52%
38) trans-1,3-Dichloropropene-	10.57	79	78925	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.20%
39) 2-Hexanone-d5	10.92	63	87185	51.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	234673	33.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	130265	29.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.32%

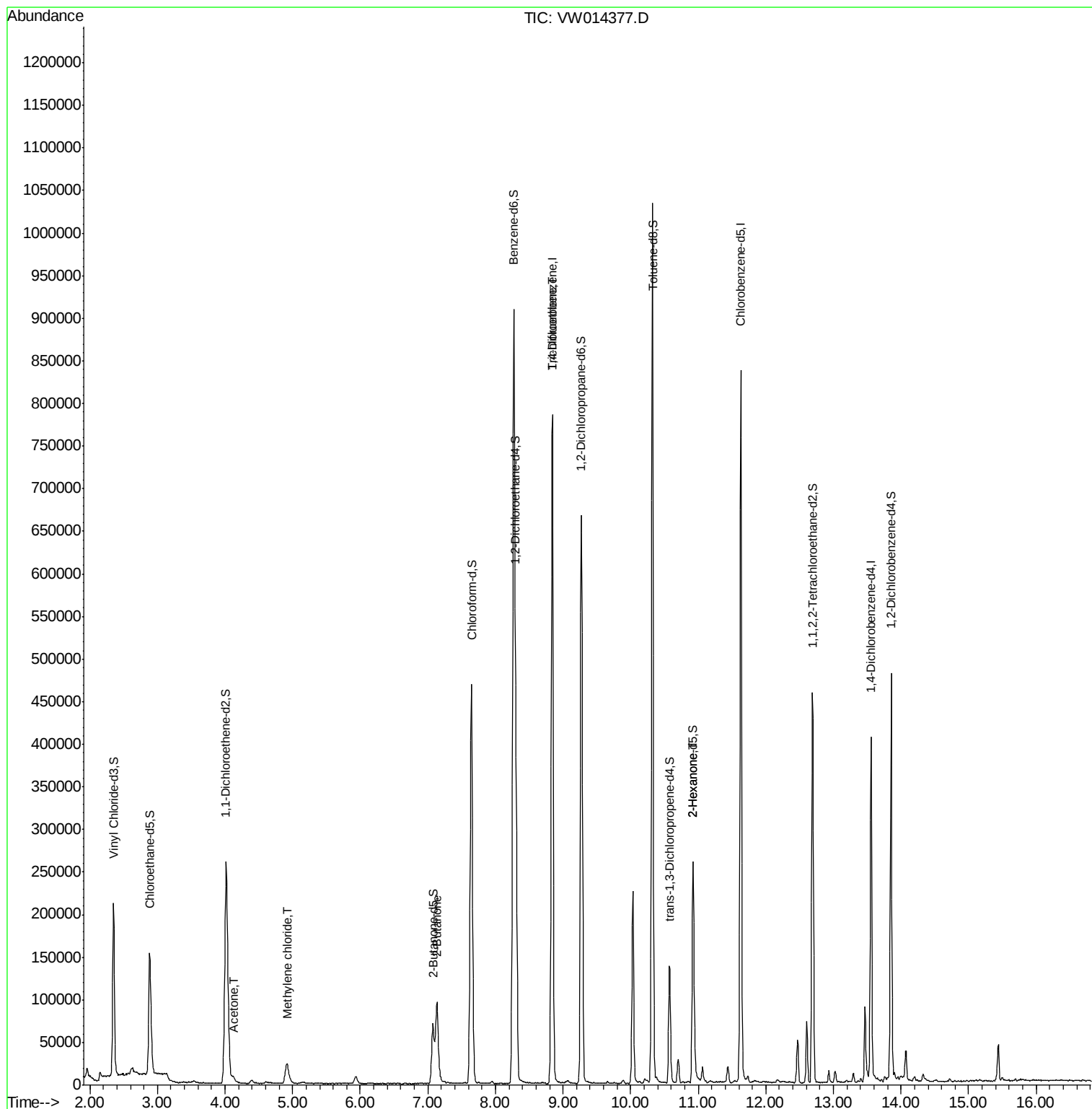
Target Compounds					Qvalue
13) Acetone	4.13	43	11778	4.613 ug/L	99
16) Methylene chloride	4.91	84	21277	2.068 ug/L	94
21) 2-Butanone	7.13	43	34351	10.021 ug/L #	50
35) Trichloroethene	8.84	95	19135	2.496 ug/L #	2
49) 2-Hexanone	10.93	43	11696	3.236 ug/L #	69

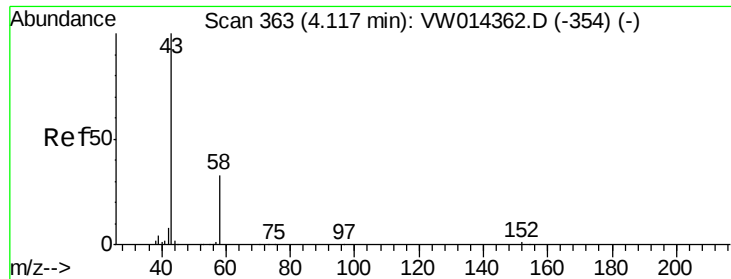
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.613 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

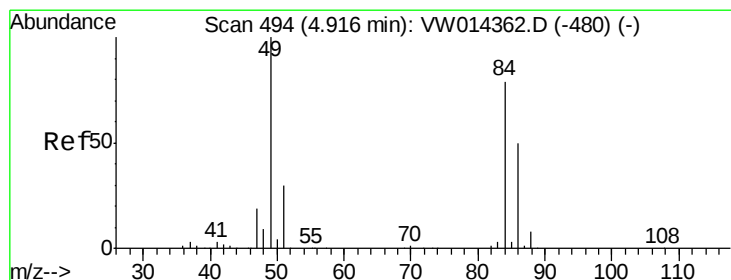
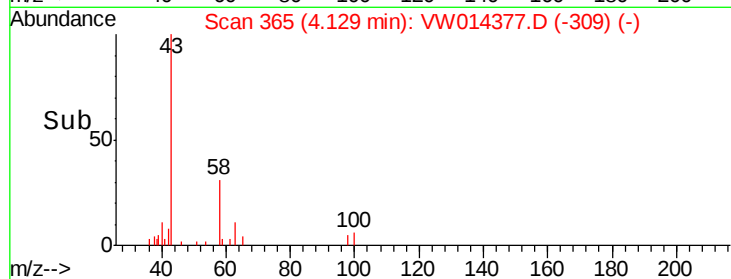
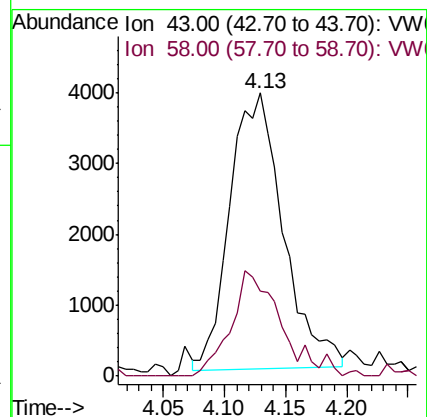
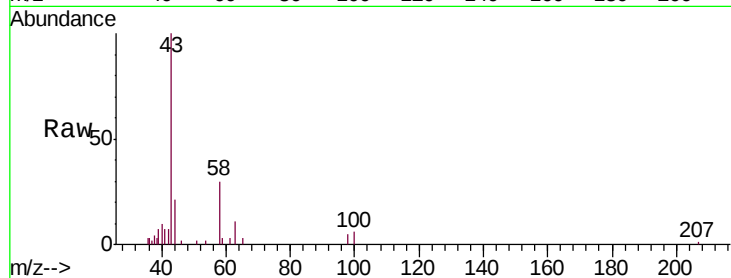
C0C48

Tgt Ion: 43 Resp: 11778

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.4



#16

Methylene chloride

Concen: 2.068 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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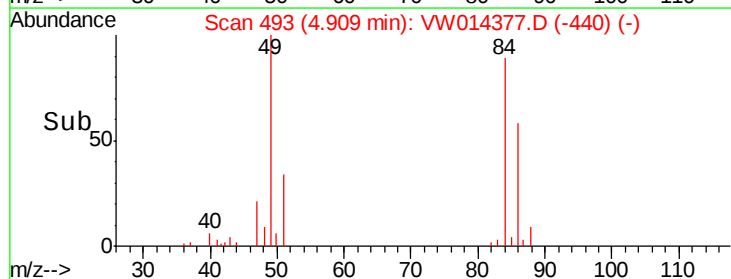
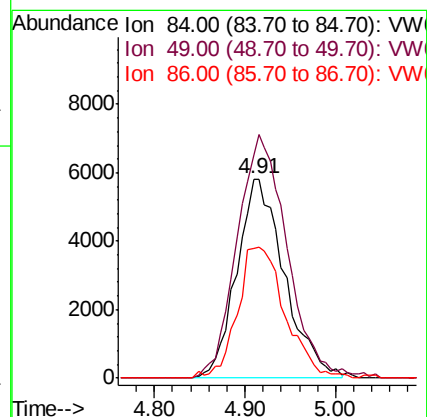
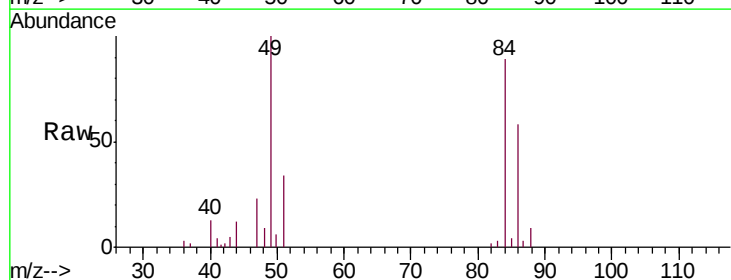
Tgt Ion: 84 Resp: 21277

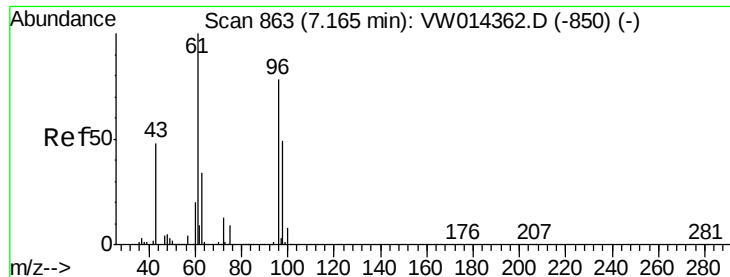
Ion Ratio Lower Upper

84 100

49 112.0 84.2 156.4

86 65.2 43.7 81.1





#21

2-Butanone

Concen: 10.021 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampled :

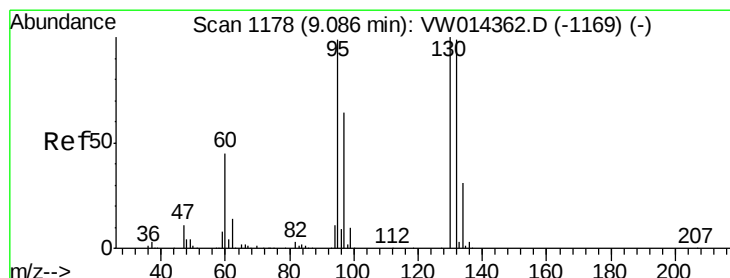
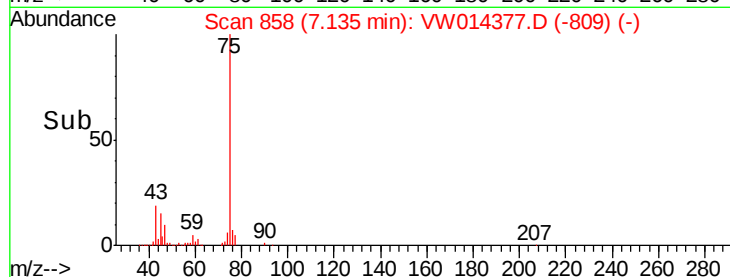
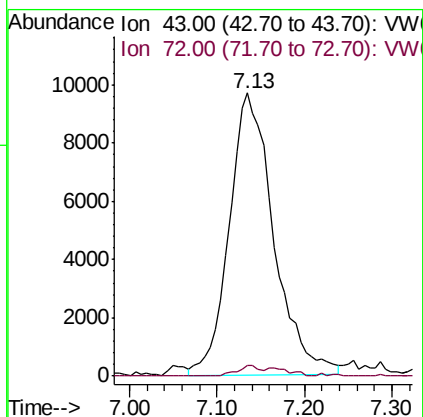
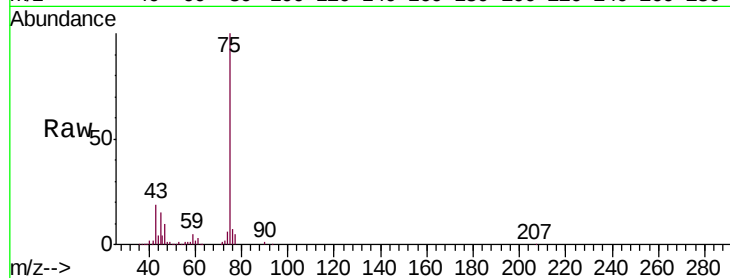
C0C48

Tgt Ion: 43 Resp: 34351

Ion Ratio Lower Upper

43 100

72 1.9 14.1 42.2#



#35

Trichloroethene

Concen: 2.496 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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Acq: 16 Dec 2019 18:53

Tgt Ion: 95 Resp: 19135

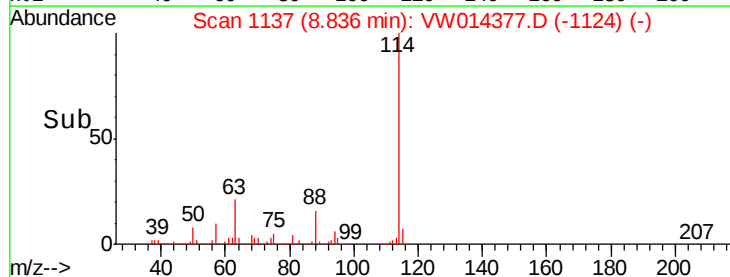
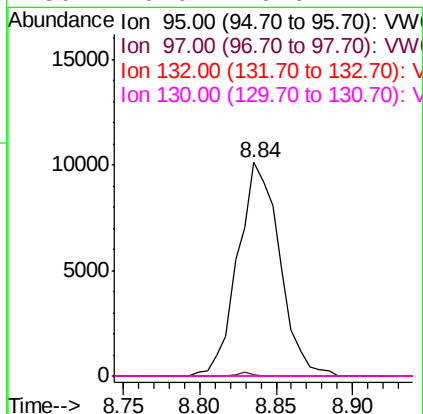
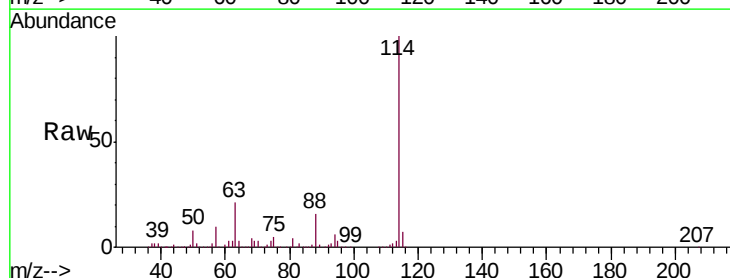
Ion Ratio Lower Upper

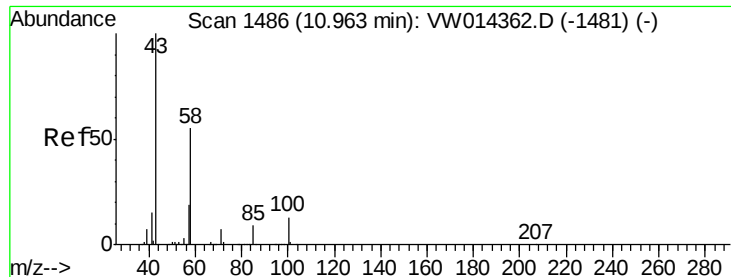
95 100

97 0.6 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#





#49

2-Hexanone

Concen: 3.236 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 11696

Ion Ratio Lower Upper

43 100

58 32.7 44.4 66.6#

57 37.4 16.5 24.7#

100 4.5 11.1 16.7#

