

Data File : VW014372.D
Acq On : 16 Dec 2019 16:41
Operator : SY/VA
Sample : K6277-06
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C60

Quant Time: Dec 17 07:30:52 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	848611	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	623664	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148640	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281964	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
7) Chloroethane-d5	2.89	69	245099	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.60%
10) 1,1-Dichloroethene-d2	4.01	63	388974	17.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.56%
20) 2-Butanone-d5	7.07	46	200158	59.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.54%
24) Chloroform-d	7.65	84	599635	27.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	8.30	65	323922	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	8.27	84	1212360	33.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.68%
33) 1,2-Dichloropropane-d6	9.27	67	405993	36.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.40%#
37) Toluene-d8	10.32	98	932072	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.80%
38) trans-1,3-Dichloropropene-	10.57	79	109388	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	10.92	63	146891	65.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	311911	34.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	193600	34.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.36%#

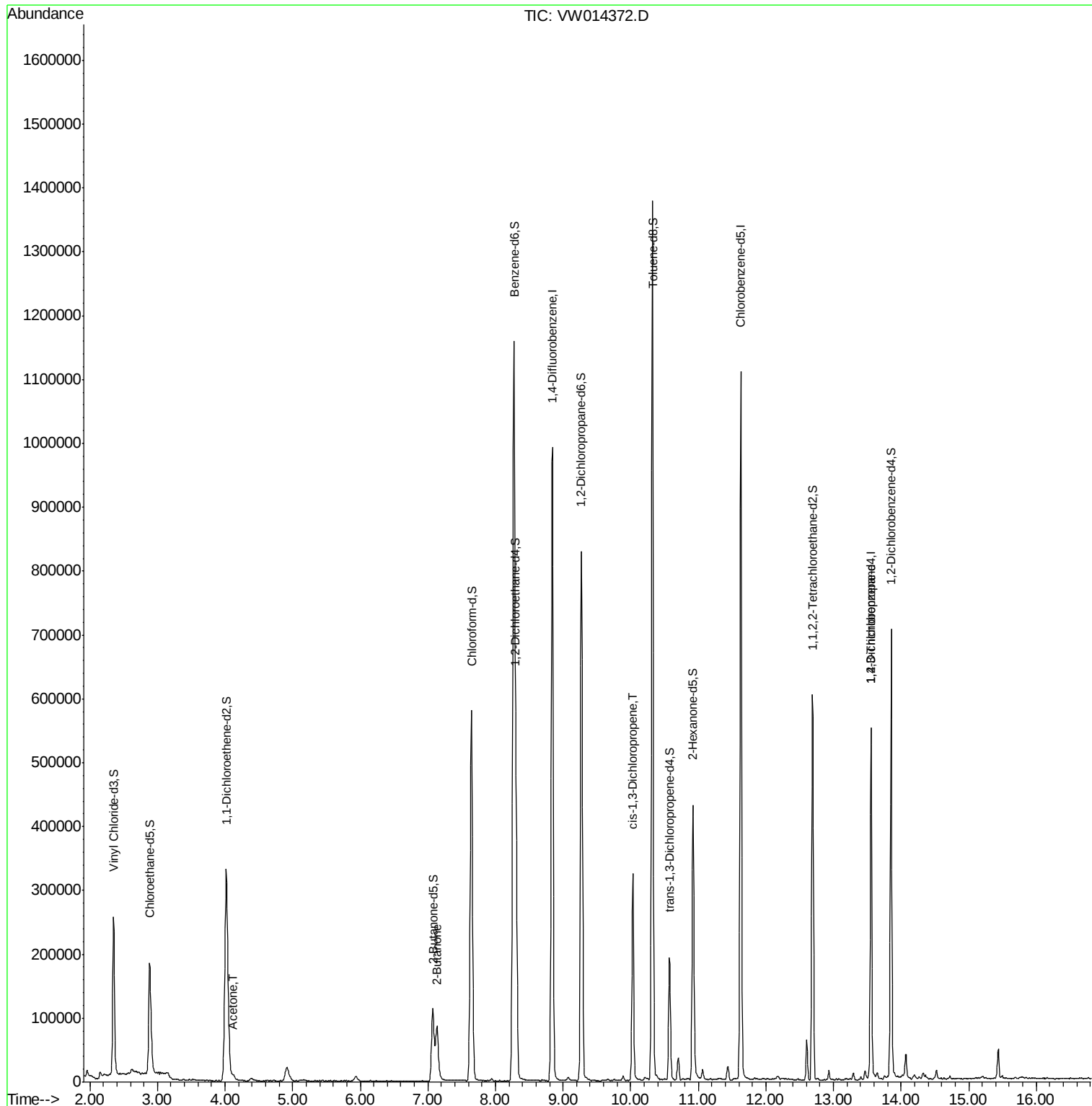
Target Compounds					Qvalue
13) Acetone	4.12	43	11659	3.611 ug/L	73
21) 2-Butanone	7.15	43	16303	3.761 ug/L #	49
42) cis-1,3-Dichloropropene	10.04	75	7561	0.498 ug/L #	69
59) 1,2,3-Trichloropropane	13.55	75	17377	2.478 ug/L	89

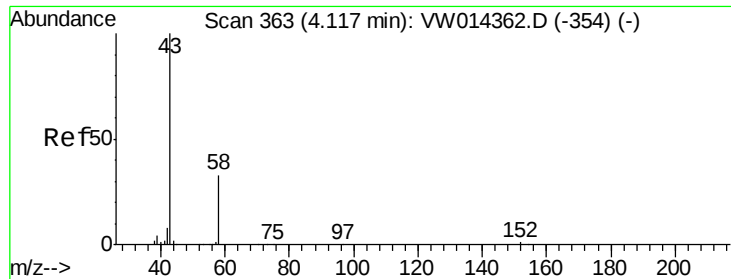
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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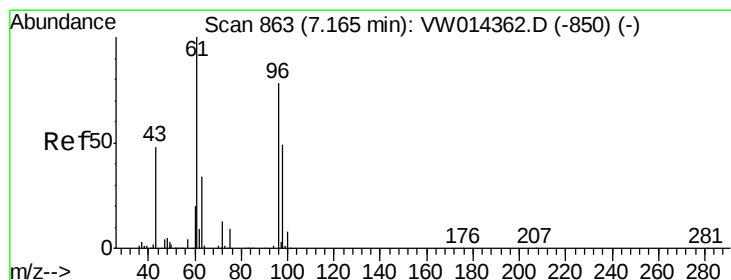
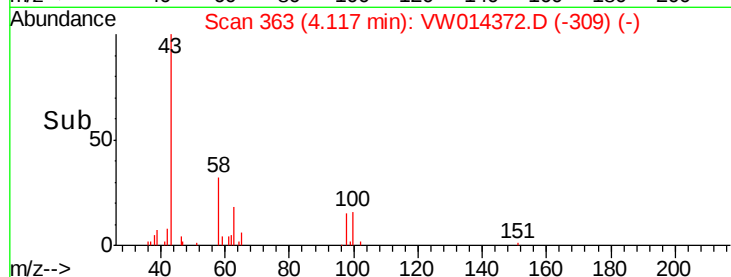
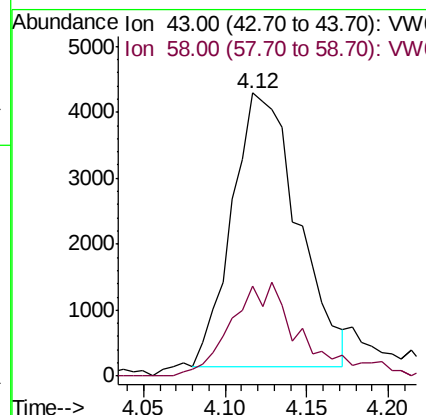
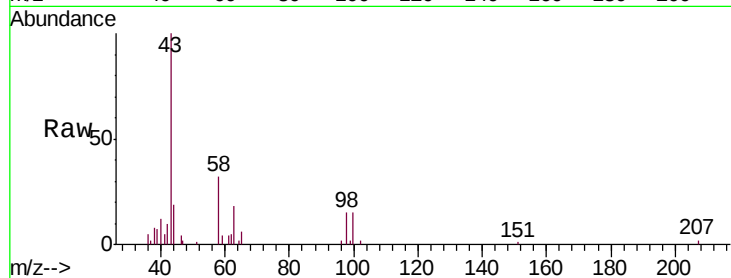




#13
Acetone
Concen: 3.611 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
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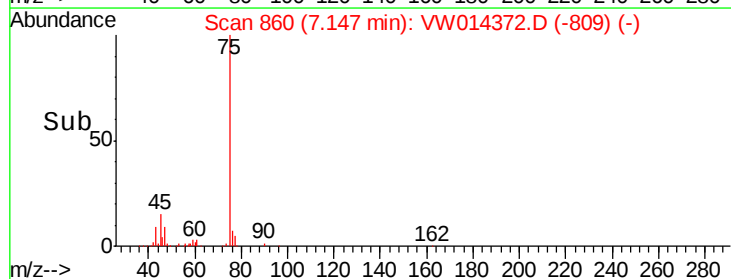
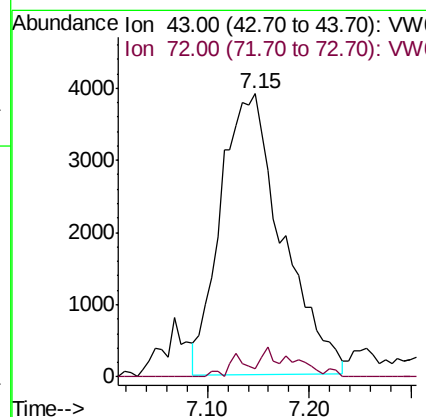
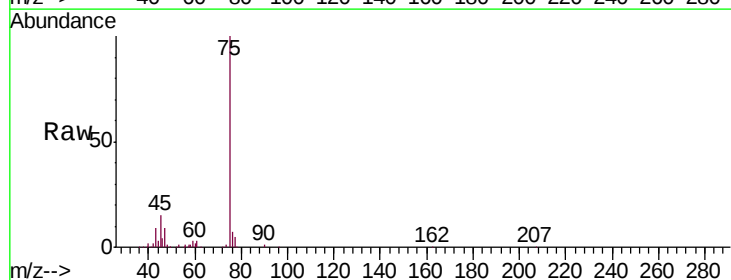
Instrument :
MSVOA_W
ClientSampleId :
C0C60

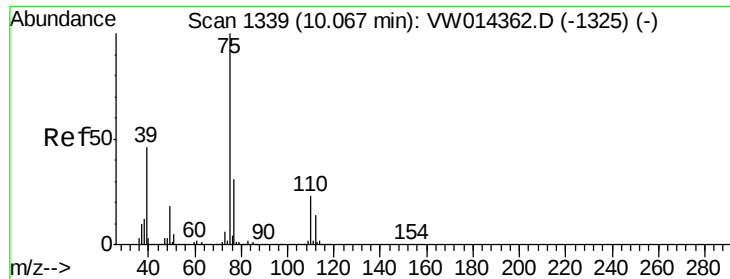
Tgt Ion: 43 Resp: 11659
Ion Ratio Lower Upper
43 100
58 17.6 0.0 65.4



#21
2-Butanone
Concen: 3.761 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW014372.D
Acq: 16 Dec 2019 16:41

Tgt Ion: 43 Resp: 16303
Ion Ratio Lower Upper
43 100
72 1.5 14.1 42.2#





#42

cis-1,3-Dichloropropene

Concen: 0.498 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014372.D

Acq: 16 Dec 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

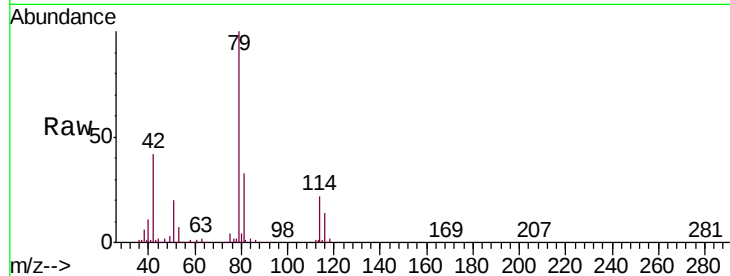
C0C60

Tgt Ion: 75 Resp: 7561

Ion Ratio Lower Upper

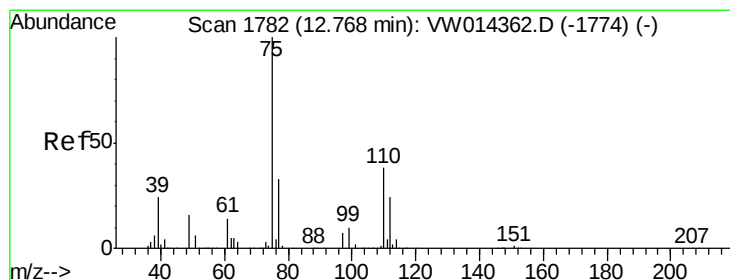
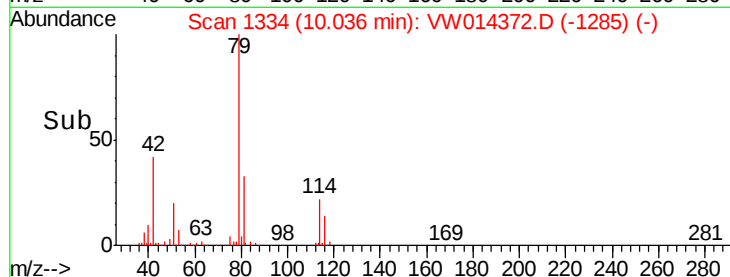
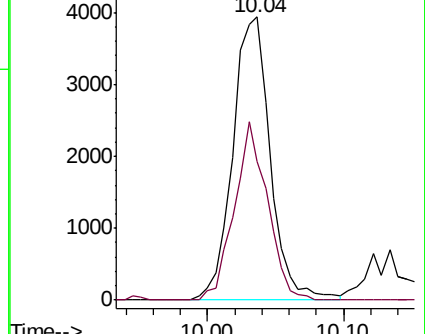
75 100

77 48.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.478 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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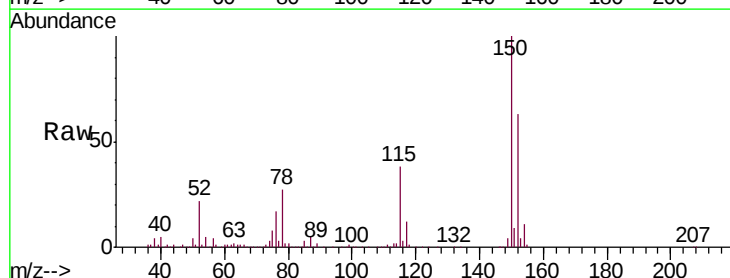
Acq: 16 Dec 2019 16:41

Tgt Ion: 75 Resp: 17377

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

